

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 10/14/2020      |         |           | 10/13/2020     |         | 10/12/2020     |         | 10/9/2020        |         | 10/8/2020        |         | 10/7/2020       |         |           | 10/6/2020       |         |
|------------------------|-----------------------------|-----------------|---------|-----------|----------------|---------|----------------|---------|------------------|---------|------------------|---------|-----------------|---------|-----------|-----------------|---------|
|                        | Location ID                 | FD01            | FD02    |           | FD01           | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    |           | FD01            | FD02    |
|                        | Sample Exposure Time        | 24              |         | 24        |                | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24              | 24      |           | 24              | 24      |
|                        | Average Wind Dir/Speed/Temp | SW/3.3 mph/70°F |         |           | N/3.6 mph/60°F |         | E/4.3 mph/55°F |         | SSE/2.2 mph/68°F |         | WNW/6.3 mph/65°F |         | SW/4.6 mph/76°F |         |           | SW/3.5 mph/71°F |         |
|                        | Sample Type                 | Primary         | Primary | Duplicate | Primary        | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary         | Primary | Duplicate | Primary         | Primary |
| Risk Screening Level   |                             |                 |         |           |                |         |                |         |                  |         |                  |         |                 |         |           |                 |         |
| 24-hour exposure       |                             |                 |         |           |                |         |                |         |                  |         |                  |         |                 |         |           |                 |         |
| Arsenic                | 0.037                       | NS              | NS      | NS        | NS             | NS      | NS             | NS      | NS               | NS      | NS               | NS      | NS              | NS      | NS        | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     |
| Benzene                | 4.68                        | 0.8             | 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   |
| Ethylbenzene           | 14.6                        | < 0.9           | < 0.9   | < 0.9     | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417                         | < 1             | < 1     | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     |
| Naphthalene            | 3.13                        | 2               | < 1     | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     |
| n-Propylbenzene        | 1,040                       | < 1             | < 1     | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     |
| Toluene                | 5,210                       | 2               | 2       | 2         | < 0.8          | < 0.8   | < 0.8          | < 0.8   | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8           | < 0.8   | < 0.8     | 0.8             | < 0.8   |
| Xylenes, Total         | 104                         | < 0.9           | < 0.9   | < 0.9     | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 10/5/2020      |         | 10/2/2020      |         | 10/1/2020        |         |           | 9/30/2020        |         | 9/29/2020        |           |         |
|------------------------|--|----------------|---------|----------------|---------|------------------|---------|-----------|------------------|---------|------------------|-----------|---------|
|                        |  | FD01           | FD02    | FD01           | FD02    | FD01             | FD02    |           | FD01             | FD02    | FD01             |           | FD02    |
|                        |  | 24             | 24      | 24             | 24      | 24               | 24      |           | 24               | 24      | 24               |           | 24      |
|                        |  | E/3.1 mph/71°F |         | W/3.3 mph/66°F |         | WSW/3.8 mph/73°F |         |           | WSW/5.3 mph/71°F |         | SSE/3.0 mph/75°F |           |         |
|                        |  | Primary        | Primary | Primary        | Primary | Primary          | Primary | Duplicate | Primary          | Primary | Primary          | Duplicate | Primary |
| Arsenic                | 0.037  | NS             | NS      | NS             | NS      | NS               | NS      | NS        | NS               | NS      | NS               | NS        | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1       | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1       | < 1     |
| Benzene                | 4.68   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6     | < 0.6            | < 0.6   | < 0.6            | < 0.6     | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9     | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1       | < 1     |
| Naphthalene            | 3.13   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1       | < 1     |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1       | < 1     |
| Toluene                | 5,210  | < 0.8          | < 0.8   | 1              | 1       | < 0.8            | < 0.8   | < 0.8     | < 0.8            | < 0.8   | < 0.8            | 0.9       | < 0.8   |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9     | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 9/28/2020      |           | 9/25/2020      |         | 9/24/2020        |         | 9/23/2020        |         | 9/22/2020        |          |         |       |
|------------------------|-----------------------------|----------------|-----------|----------------|---------|------------------|---------|------------------|---------|------------------|----------|---------|-------|
|                        | Location ID                 | FD01           | FD02      | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02     |         |       |
|                        | Sample Exposure Time        | 24             | 24        | 24             | 24      | 24               | 24      | 24               | 24      | 24               | 24       |         |       |
|                        | Average Wind Dir/Speed/Temp | S/4.0 mph/81°F |           | S/2.6 mph/78°F |         | SSW/2.1 mph/77°F |         | WNW/5.7 mph/81°F |         | NNW/3.9 mph/74°F |          |         |       |
|                        | Sample Type                 | Primary        | Duplicate | Primary        | Primary | Primary          | Primary | Duplicate        | Primary | Primary          | Primary  | Primary |       |
| Risk Screening Level   |                             |                |           |                |         |                  |         |                  |         |                  |          |         |       |
| 24-hour exposure       |                             |                |           |                |         |                  |         |                  |         |                  |          |         |       |
| Arsenic                | 0.037                       | NS             | NS        | NS             | NS      | NS               | NS      | NS               | NS      | NS               | < 0.0086 | NS      |       |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1            | < 1       | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1     |       |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1            | < 1       | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1     |       |
| Benzene                | 4.68                        | < 0.6          | < 0.6     | < 0.6          | 0.8     | 0.8              | 0.8     | 0.9              | 0.9     | < 0.6            | 0.8      | < 0.6   | < 0.6 |
| Ethylbenzene           | 14.6                        | < 0.9          | < 0.9     | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9    | < 0.9   |       |
| Isopropylbenzene       | 417                         | < 1            | < 1       | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1     |       |
| Naphthalene            | 3.13                        | < 1            | < 1       | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1     |       |
| n-Propylbenzene        | 1,040                       | < 1            | < 1       | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1     |       |
| Toluene                | 5,210                       | < 0.8          | < 0.8     | < 0.8          | 2       | 2                | 2       | 2                | 2       | 1                | 1        | < 0.8   | < 0.8 |
| Xylenes, Total         | 104                         | < 0.9          | < 0.9     | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9    | < 0.9   |       |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

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Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 9/21/2020        |         | 9/19/2020        |         | 9/18/2020      |         | 9/17/2020       |         | 9/16/2020        |         | 9/15/2020       |          |           |
|------------------------|--|------------------|---------|------------------|---------|----------------|---------|-----------------|---------|------------------|---------|-----------------|----------|-----------|
|                        |  | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01            | FD02    | FD01             | FD02    | FD01            | FD02     |           |
|                        |  | 24               | 24      | 24               | 24      | 24             | 24      | 24              | 24      | 24               | 24      | 24              | 24       |           |
|                        |  | ENE/2.7 mph/69°F |         | NNE/3.3 mph/65°F |         | N/3.5 mph/71°F |         | SW/2.6 mph/76°F |         | SSW/3.3 mph/73°F |         | NE/2.4 mph/69°F |          |           |
|                        |  | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary         | Primary | Primary          | Primary | Primary         | Primary  | Duplicate |
| Arsenic                | 0.037  | NS               | NS      | NS               | NS      | NS             | NS      | NS              | NS      | NS               | NS      | < 0.0088        | < 0.0090 | NS        |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1      | < 1       |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1      | < 1       |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6    | < 0.6     |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9    | < 0.9     |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1      | < 1       |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1      | < 1       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1      | < 1       |
| Toluene                | 5,210  | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8          | < 0.8   | 1               | 1       | 0.9              | 0.9     | 1               | 1        | 1         |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | 2               | 3       | < 0.9            | < 0.9   | < 0.9           | < 0.9    | < 0.9     |

Notes:

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

> - below analytical reporting limit (shown).

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

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

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Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 9/14/2020       |         | 9/11/2020      |         | 9/10/2020       |           | 9/9/2020       |         | 9/8/2020        |         |           |
|------------------------|--|-----------------|---------|----------------|---------|-----------------|-----------|----------------|---------|-----------------|---------|-----------|
|                        |  | FD01            | FD02    | FD01           | FD02    | FD01            | FD02      | FD01           | FD02    | FD01            | FD02    |           |
|                        |  | 24              | 24      | 24             | 24      | 24              | 24        | 24             | 24      | 24              | 24      |           |
|                        |  | NW/4.6 mph/76°F |         | N/2.7 mph/78°F |         | SE/2.7 mph/84°F |           | E/1.9 mph/84°F |         | SE/2.3 mph/84°F |         |           |
|                        |  | Primary         | Primary | Primary        | Primary | Primary         | Duplicate | Primary        | Primary | Primary         | Primary | Duplicate |
| Arsenic                | 0.037  | NS              | NS      | < 0.0089       | NS      | NS              | NS        | NS             | NS      | NS              | NS      | NS        |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1             | < 1     | < 1       |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1             | < 1     | < 1       |
| Benzene                | 4.68   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6     | < 0.6          | < 0.6   | < 0.6           | 1       | 0.9       |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9     | < 0.9          | < 0.9   | < 0.9           | 0.9     | 1         |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1             | < 1     | < 1       |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1             | < 1     | < 1       |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1             | < 1     | < 1       |
| Toluene                | 5,210  | < 0.8           | < 0.8   | < 0.8          | 0.9     | 1               | 1         | 1              | 1       | 1               | 2       | 2         |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9     | < 0.9          | < 0.9   | 2               | < 0.9   | 4         |

Notes:

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

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NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 9/3/2020         |         | 9/2/2020        |         | 9/1/2020         |           |         | 8/31/2020      |           |         | 8/28/2020      |         |
|------------------------|--|------------------|---------|-----------------|---------|------------------|-----------|---------|----------------|-----------|---------|----------------|---------|
|                        |  | FD01             | FD02    | FD01            | FD02    | FD01             |           | FD02    | FD01           |           | FD02    | FD01           | FD02    |
|                        |  | 24               | 24      | 24              | 24      | 24               |           | 24      | 24             |           | 24      | 24             | 24      |
|                        |  | WNW/2.7 mph/88°F |         | SE/2.9 mph/82°F |         | ESE/2.8 mph/79°F |           |         | E/2.1 mph/78°F |           |         | W/4.3 mph/88°F |         |
|                        |  | Primary          | Primary | Primary         | Primary | Primary          | Duplicate | Primary | Primary        | Duplicate | Primary | Primary        | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS              | NS      | < 0.0091         | NS        | NS      | NS             | NS        | NS      | NS             | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1     | < 1            | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1     | < 1            | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6     | < 0.6   | < 0.6          | < 0.6     | < 0.6   | < 0.6          | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9     | 2       | < 0.9          | < 0.9     | < 0.9   | < 0.9          | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1     | < 1            | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1     | < 1            | 3       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1     | < 1            | < 1     |
| Toluene                | 5,210  | 1                | 0.9     | 0.8             | 0.8     | < 0.8            | < 0.8     | < 0.8   | < 0.8          | < 0.8     | < 0.8   | < 0.8          | 1       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | 4       | < 0.9            | < 0.9     | 9       | < 0.9          | < 0.9     | 4       | < 0.9          | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

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Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 8/27/2020       |         | 8/26/2020       | 8/25/2020      |         | 8/24/2020       |         | 8/22/2020      |         |         | 8/21/2020        |         |
|------------------------|-----------------------------|-----------------|---------|-----------------|----------------|---------|-----------------|---------|----------------|---------|---------|------------------|---------|
|                        | Location ID                 | FD01            | FD02    | FD02            | FD01           | FD02    | FD01            | FD02    | FD01           | FD02    |         | FD01             | FD02    |
|                        | Sample Exposure Time        | 24              | 24      | 24              | 24             | 24      | 24              | 24      | 24             | 24      |         | 24               | 24      |
|                        | Average Wind Dir/Speed/Temp | SW/3.8 mph/93°F |         | NW/6.7 mph/79°F | W/5.1 mph/90°F |         | SW/3.7 mph/92°F |         | W/4.6 mph/94°F |         |         | WSW/4.4 mph/96°F |         |
|                        | Sample Type                 | Primary         | Primary | Primary         | Primary        | Primary | Primary         | Primary | Primary        | Primary | Primary | Duplicate        | Primary |
| Risk Screening Level   |                             |                 |         |                 |                |         |                 |         |                |         |         |                  |         |
| 24-hour exposure       |                             |                 |         |                 |                |         |                 |         |                |         |         |                  |         |
| Arsenic                | 0.037                       | < 0.0089        | NS      | NS              | NS             | NS      | NS              | NS      | NS             | NS      | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1             | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1             | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1     | < 1              | < 1     |
| Benzene                | 4.68                        | < 0.6           | < 0.6   | < 0.6           | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6   | < 0.6            | 0.7     |
| Ethylbenzene           | 14.6                        | < 0.9           | < 0.9   | < 0.9           | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417                         | < 1             | < 1     | < 1             | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13                        | < 1             | < 1     | < 1             | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1     | 1                | 1       |
| n-Propylbenzene        | 1,040                       | < 1             | < 1     | < 1             | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1     | < 1              | < 1     |
| Toluene                | 5,210                       | 0.9             | 0.9     | < 0.8           | < 0.8          | < 0.8   | 1               | 0.9     | 0.9            | 1       | 1       | 1                | 1       |
| Xylenes, Total         | 104                         | < 0.9           | < 0.9   | < 0.9           | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 8/20/2020      |         |           | 8/19/2020        |         | 8/18/2020      |         | 8/17/2020      |         | 8/14/2020      |         |
|------------------------|-----------------------------|----------------|---------|-----------|------------------|---------|----------------|---------|----------------|---------|----------------|---------|
|                        | Location ID                 | FD01           | FD02    |           | FD01             | FD02    | FD01           | FD02    | FD01           | FD02    | FD01           | FD02    |
|                        | Sample Exposure Time        | 24             |         | 24        |                  | 24      | 24             | 24      | 24             | 24      | 24             | 24      |
|                        | Average Wind Dir/Speed/Temp | W/4.6 mph/94°F |         |           | ENE/1.8 mph/75°F |         | W/3.4 mph/84°F |         | S/3.9 mph/82°F |         | E/3.6 mph/88°F |         |
|                        | Sample Type                 | Primary        | Primary | Duplicate | Primary          | Primary | Primary        | Primary | Primary        | Primary | Primary        | Primary |
| Risk Screening Level   |                             |                |         |           |                  |         |                |         |                |         |                |         |
| 24-hour exposure       |                             |                |         |           |                  |         |                |         |                |         |                |         |
| Arsenic                | 0.037                       | NS             | NS      | NS        | < 0.0087         | NS      | NS             | NS      | NS             | NS      | NS             | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     |
| Benzene                | 4.68                        | 1              | < 0.6   | < 0.6     | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6          | < 0.6   |
| Ethylbenzene           | 14.6                        | 1              | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   |
| Isopropylbenzene       | 417                         | < 1            | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     |
| Naphthalene            | 3.13                        | 3              | < 1     | < 1       | 1                | 1       | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     |
| n-Propylbenzene        | 1,040                       | 2              | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     |
| Toluene                | 5,210                       | 0.9            | 1       | 0.9       | 1                | 1       | 1              | 1       | < 0.8          | 0.8     | < 0.8          | < 0.8   |
| Xylenes, Total         | 104                         | 3              | 2       | 2         | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 8/13/2020       |           | 8/12/2020      |         | 8/11/2020        |           | 8/10/2020      |         | 8/8/2020        |         |
|------------------------|--|-----------------|-----------|----------------|---------|------------------|-----------|----------------|---------|-----------------|---------|
|                        |  | FD01            | FD02      | FD01           | FD02    | FD01             | FD02      | FD01           | FD02    | FD01            | FD02    |
|                        |  | 24              | 24        | 24             | 24      | 24               | 24        | 24             | 24      | 24              | 24      |
|                        |  | NE/1.6 mph/80°F |           | E/2.9 mph/92°F |         | SSE/6.2 mph/90°F |           | S/3.7 mph/93°F |         | NE/1.6 mph/83°F |         |
|                        |  | Primary         | Duplicate | Primary        | Primary | Primary          | Duplicate | Primary        | Primary | Primary         | Primary |
| Arsenic                | 0.037  | < 0.0090        | < 0.0087  | NS             | NS      | NS               | NS        | NS             | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | NS        | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | NS        | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6           | NS        | < 0.6          | < 0.6   | < 0.6            | < 0.6     | < 0.6          | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9           | NS        | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9          | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1             | NS        | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1             | NS        | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040  | < 1             | NS        | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 1               | NS        | 1              | 1       | 0.9              | 0.8       | 0.9            | < 0.8   | 0.9             | 0.8     |
| Xylenes, Total         | 104  | < 0.9           | NS        | < 0.9          | < 0.9   | 2                | < 0.9     | < 0.9          | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 8/7/2020       |         | 8/6/2020       |         | 8/5/2020       |         | 8/3/2020         |           | 7/31/2020        |         | 7/30/2020        |         |
|------------------------|--|----------------|---------|----------------|---------|----------------|---------|------------------|-----------|------------------|---------|------------------|---------|
|                        |  | FD01           | FD02    | FD01           | FD02    | FD01           | FD02    | FD01             | FD02      | FD01             | FD02    | FD01             | FD02    |
|                        |  | 24             | 24      | 24             | 24      | 24             | 24      | 24               | 24        | 24               | 24      | 24               | 24      |
|                        |  | W/4.0 mph/88°F |         | E/2.7 mph/83°F |         | W/4.0 mph/88°F |         | WSW/4.6 mph/91°F |           | ESE/2.1 mph/81°F |         | WSW/3.8 mph/93°F |         |
|                        |  | Primary        | Primary | Primary        | Primary | Primary        | Primary | Primary          | Duplicate | Primary          | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS             | NS      | < 0.0090       | NS      | NS             | NS      | NS               | NS        | NS               | NS      | < 0.0085         | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6          | 0.7     | < 0.6            | < 0.6     | < 0.6            | < 0.6   | 0.9              | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1              | 2       | < 1              | 1       |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | 1              | 1       | 1              | 1       | 1              | 1       | < 0.8            | < 0.8     | 1                | 2       | 3                | 1       |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9          | 2       | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/29/2020        |         | 7/28/2020      |         | 7/27/2020        |         | 7/24/2020        |         | 7/23/2020       |         |
|------------------------|--|------------------|---------|----------------|---------|------------------|---------|------------------|---------|-----------------|---------|
|                        |  | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    |
|                        |  | 24               | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24              | 24      |
|                        |  | SSE/3.8 mph/90°F |         | W/4.6 mph/94°F |         | WSW/4.4 mph/96°F |         | ENE/2.9 mph/79°F |         | SE/3.3 mph/93°F |         |
|                        |  | Primary          | Primary | Primary        | Primary | Duplicate        | Primary | Primary          | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS             | NS      | NS               | NS      | NS               | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6            | 1       | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | 2       | < 1             | 1       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 1                | 3       | 0.9            | < 0.8   | 1                | < 0.8   | < 0.8            | 2       | 2               | < 0.8   |
| Xylenes, Total         | 104  | < 0.9            | 2       | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 7/22/2020       |         |           | 7/21/2020        |           |         | 7/20/2020      |         | 7/18/2020      |         | 7/17/2020        |         |
|------------------------|-----------------------------|-----------------|---------|-----------|------------------|-----------|---------|----------------|---------|----------------|---------|------------------|---------|
|                        | Location ID                 | FD01            | FD02    |           | FD01             | FD02      |         | FD01           | FD02    | FD01           | FD02    | FD01             | FD02    |
|                        | Sample Exposure Time        | 24              |         | 24        |                  | 24        |         | 24             |         | 24             |         | 24               |         |
|                        | Average Wind Dir/Speed/Temp | SE/3.3 mph/93°F |         |           | SSE/3.6 mph/92°F |           |         | W/4.5 mph/96°F |         | E/2.9 mph/93°F |         | SSE/3.8 mph/84°F |         |
|                        | Sample Type                 | Primary         | Primary | Duplicate | Primary          | Duplicate | Primary | Primary        | Primary | Primary        | Primary | Primary          | Primary |
| Risk Screening Level   |                             |                 |         |           |                  |           |         |                |         |                |         |                  |         |
| 24-hour exposure       |                             |                 |         |           |                  |           |         |                |         |                |         |                  |         |
| Arsenic                | 0.037                       | < 0.0086        | NS      | NS        | NS               | NS        | NS      | NS             | NS      | NS             | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1       | < 1              | < 1       | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1       | < 1              | < 1       | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     |
| Benzene                | 4.68                        | < 0.6           | < 0.6   | < 0.6     | < 0.6            | < 0.6     | < 0.6   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6                        | < 0.9           | < 0.9   | < 0.9     | < 0.9            | < 0.9     | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417                         | < 1             | < 1     | < 1       | < 1              | < 1       | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13                        | < 1             | < 1     | < 1       | < 1              | < 1       | < 1     | < 1            | 1       | < 1            | 1       | 2                | < 1     |
| n-Propylbenzene        | 1,040                       | < 1             | < 1     | < 1       | < 1              | < 1       | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     |
| Toluene                | 5,210                       | 0.9             | 0.9     | 0.8       | 1                | 1         | 0.9     | 0.8            | 1       | < 0.8          | 1       | 1                | < 0.8   |
| Xylenes, Total         | 104                         | < 0.9           | < 0.9   | < 0.9     | < 0.9            | < 0.9     | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/16/2020       |           | 7/15/2020      |          |         | 7/14/2020       |         | 7/13/2020        |         |         |
|------------------------|--|-----------------|-----------|----------------|----------|---------|-----------------|---------|------------------|---------|---------|
|                        |  | FD01            | FD02      | FD01           | FD02     |         | FD01            | FD02    | FD01             | FD02    |         |
|                        |  | 24              | 24        | 24             | 24       |         | 24              | 24      | 24               | 24      |         |
|                        |  | SE/6.2 mph/78°F |           | E/3.9 mph/84°F |          |         | NW/5.0 mph/88°F |         | WNW/4.3 mph/88°F |         |         |
|                        |  | Primary         | Duplicate | Primary        | Primary  | Primary | Duplicate       | Primary | Primary          | Primary | Primary |
| Arsenic                | 0.037  | NS              | NS        | NS             | < 0.0090 | NS      | NS              | NS      | NS               | NS      | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1       | < 1            | < 1      | < 1     | < 1             | < 1     | < 1              | < 1     | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1       | < 1            | < 1      | < 1     | < 1             | < 1     | < 1              | < 1     | < 1     |
| Benzene                | 4.68   | < 0.6           | < 0.6     | < 0.6          | < 0.6    | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9     | < 0.9          | < 0.9    | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9   |
| Isopropylbenzene       | 417  | < 1             | < 1       | < 1            | < 1      | < 1     | < 1             | < 1     | < 1              | < 1     | < 1     |
| Naphthalene            | 3.13   | 1               | < 1       | < 1            | < 1      | < 1     | < 1             | < 1     | 2                | < 1     | 4       |
| n-Propylbenzene        | 1,040  | < 1             | < 1       | < 1            | < 1      | < 1     | < 1             | < 1     | < 1              | < 1     | < 1     |
| Toluene                | 5,210  | < 0.8           | 1         | < 0.8          | 0.9      | < 0.8   | 0.9             | < 0.8   | 1                | 1       | 0.9     |
| Xylenes, Total         | 104  | < 0.9           | < 0.9     | < 0.9          | < 0.9    | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/11/2020      |           | 7/10/2020      |         | 7/9/2020         |           | 7/8/2020 |                |           | 7/7/2020 |                  |       |
|------------------------|--|----------------|-----------|----------------|---------|------------------|-----------|----------|----------------|-----------|----------|------------------|-------|
|                        |  | FD01           | FD02      | FD01           | FD02    | FD01             | FD02      | FD01     | FD02           |           | FD01     | FD02             |       |
|                        |  | 24             | 24        | 24             | 24      | 24               | 24        | 24       | 24             |           | 24       | 24               |       |
|                        |  | S/3.6 mph/85°F |           | E/5.4 mph/78°F |         | SSE/4.7 mph/89°F |           |          | S/3.7 mph/78°F |           |          | ESE/4.1 mph/82°F |       |
|                        |  | Primary        | Duplicate | Primary        | Primary | Primary          | Duplicate | Primary  | Primary        | Duplicate | Primary  | Primary          |       |
| Arsenic                | 0.037  | NS             | NS        | NS             | NS      | NS               | < 0.0086  | NS       | NS             | NS        | NS       | NS               | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1       | < 1            | < 1     | < 1              | < 1       | < 1      | < 1            | < 1       | < 1      | < 1              | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1       | < 1            | < 1     | < 1              | < 1       | < 1      | < 1            | < 1       | < 1      | < 1              | < 1   |
| Benzene                | 4.68   | < 0.6          | < 0.6     | < 0.6          | < 0.6   | < 0.6            | < 0.6     | < 0.6    | < 0.6          | < 0.6     | < 0.6    | < 0.6            | < 0.6 |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9     | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9    | < 0.9          | < 0.9     | < 0.9    | < 0.9            | < 0.9 |
| Isopropylbenzene       | 417  | < 1            | < 1       | < 1            | < 1     | < 1              | < 1       | < 1      | < 1            | < 1       | < 1      | < 1              | < 1   |
| Naphthalene            | 3.13   | 2              | < 1       | < 1            | 2       | 1                | 2         | 2        | 3              | 2         | 3        | 2                | < 1   |
| n-Propylbenzene        | 1,040  | < 1            | < 1       | < 1            | < 1     | < 1              | < 1       | < 1      | < 1            | < 1       | < 1      | < 1              | < 1   |
| Toluene                | 5,210  | 0.8            | < 0.8     | < 0.8          | < 0.8   | < 0.8            | < 0.8     | < 0.8    | < 0.8          | 0.8       | 1        | < 0.8            | < 0.8 |
| Xylenes, Total         | 104  | < 0.9          | < 0.9     | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9    | < 0.9          | < 0.9     | < 0.9    | < 0.9            | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 7/6/2020        |           | 7/2/2020         |         | 7/1/2020        |         |           | 6/30/2020      |         | 6/29/2020        |         |  |
|------------------------|-----------------------------|-----------------|-----------|------------------|---------|-----------------|---------|-----------|----------------|---------|------------------|---------|--|
|                        | Location ID                 | FD01            | FD02      | FD01             | FD02    | FD01            | FD02    |           | FD01           | FD02    | FD01             | FD02    |  |
|                        | Sample Exposure Time        | 24              |           | 24               |         | 24              |         | 24        |                | 24      |                  | 24      |  |
|                        | Average Wind Dir/Speed/Temp | SE/3.4 mph/95°F |           | NNW/2.9 mph/93°F |         | SE/2.9 mph/81°F |         |           | E/2.7 mph/80°F |         | NNE/3.1 mph/92°F |         |  |
|                        | Sample Type                 | Primary         | Duplicate | Primary          | Primary | Primary         | Primary | Duplicate | Primary        | Primary | Primary          | Primary |  |
| Risk Screening Level   | 24-hour exposure            |                 |           |                  |         |                 |         |           |                |         |                  |         |  |
| Arsenic                | 0.037                       | NS              | NS        | NS               | NS      | NS              | NS      | NS        | < 0.0090       | NS      | NS               | NS      |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1             | < 1       | < 1              | < 1     | < 1             | < 1     | < 1       | < 1            | < 1     | < 1              | < 1     |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1       | < 1              | < 1     | < 1             | < 1     | < 1       | < 1            | < 1     | < 1              | < 1     |  |
| Benzene                | 4.68                        | < 0.6           | < 0.6     | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6     | < 0.6          | < 0.6   | < 0.6            | < 0.6   |  |
| Ethylbenzene           | 14.6                        | < 0.9           | < 0.9     | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9          | < 0.9   | < 0.9            | < 0.9   |  |
| Isopropylbenzene       | 417                         | < 1             | < 1       | < 1              | < 1     | < 1             | < 1     | < 1       | < 1            | < 1     | < 1              | < 1     |  |
| Naphthalene            | 3.13                        | < 1             | < 1       | < 1              | < 1     | 2               | < 1     | < 1       | < 1            | < 1     | < 1              | < 1     |  |
| n-Propylbenzene        | 1,040                       | < 1             | < 1       | < 1              | < 1     | < 1             | < 1     | < 1       | < 1            | < 1     | < 1              | < 1     |  |
| Toluene                | 5,210                       | < 0.8           | < 0.8     | < 0.8            | 0.9     | 0.9             | 0.8     | 0.9       | < 0.8          | 1       | 1                | < 0.8   |  |
| Xylenes, Total         | 104                         | < 0.9           | < 0.9     | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9          | < 0.9   | < 0.9            | < 0.9   |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/26/2020        |         | 6/25/2020      |         | 6/24/2020      |         | 6/23/2020        |           | 6/22/2020      |         | 6/20/2020       |         |
|------------------------|--|------------------|---------|----------------|---------|----------------|---------|------------------|-----------|----------------|---------|-----------------|---------|
|                        |  | FD01             | FD02    | FD01           | FD02    | FD01           | FD02    | FD01             | FD02      | FD01           | FD02    | FD01            | FD02    |
|                        |  | 24               | 24      | 24             | 24      | 24             | 24      | 24               | 24        | 24             | 24      | 24              | 24      |
|                        |  | WNW/4.2 mph/88°F |         | S/3.2 mph/86°F |         | W/5.4 mph/88°F |         | SSE/5.6 mph/86°F |           | S/3.9 mph/91°F |         | SE/3.1 mph/66°F |         |
|                        |  | Primary          | Primary | Primary        | Primary | Primary        | Primary | Primary          | Duplicate | Primary        | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS             | NS      | NS             | NS      | NS               | NS        | NS             | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6     | < 0.6          | < 0.6   | 0.6             | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9          | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1              | 4       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       | < 1            | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 1                | 2       | 4              | 1       | < 0.8          | < 0.8   | 0.9              | 0.9       | 1              | 0.9     | < 0.8           | 1       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9          | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/19/2020        |         | 6/18/2020       |         | 6/17/2020        |         | 6/16/2020      |         | 6/15/2020      |         | 6/12/2020        |           |
|------------------------|--|------------------|---------|-----------------|---------|------------------|---------|----------------|---------|----------------|---------|------------------|-----------|
|                        |  | FD01             | FD02    | FD01            | FD02    | FD01             | FD02    | FD01           | FD02    | FD01           | FD02    | FD01             | FD02      |
|                        |  | 24               | 24      | 24              | 24      | 24               | 24      | 24             | 24      | 24             | 24      | 24               | 24        |
|                        |  | SSE/4.2 mph/86°F |         | SE/3.1 mph/80°F |         | ESE/4.1 mph/80°F |         | E/4.1 mph/79°F |         | E/3.2 mph/77°F |         | WNW/4.3 mph/86°F |           |
|                        |  | Primary          | Primary | Primary         | Primary | Primary          | Primary | Primary        | Primary | Primary        | Primary | Primary          | Duplicate |
| Arsenic                | 0.037  | NS               | NS      | NS              | NS      | NS               | NS      | NS             | NS      | NS             | NS      | NS               | NS        |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6     |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1       |
| Toluene                | 5,210  | 1                | 1       | 0.9             | 1       | < 0.8            | < 0.8   | < 0.8          | < 0.8   | < 0.8          | < 0.8   | < 0.8            | < 0.8     |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/11/2020        |         | 6/10/2020        |         | 6/9/2020         |          | 6/8/2020        |         | 6/5/2020        |         | 6/4/2020         |         |
|------------------------|--|------------------|---------|------------------|---------|------------------|----------|-----------------|---------|-----------------|---------|------------------|---------|
|                        |  | FD01             | FD02    | FD01             | FD02    | FD01             | FD02     | FD01            | FD02    | FD01            | FD02    | FD01             | FD02    |
|                        |  | 24               | 24      | 24               | 24      | 24               | 24       | 24              | 24      | 24              | 24      | 24               | 24      |
|                        |  | SSW/4.5 mph/83°F |         | ESE/4.6 mph/85°F |         | SSW/4.0 mph/89°F |          | NW/3.5 mph/82°F |         | SW/3.3 mph/81°F |         | SSW/3.3 mph/85°F |         |
|                        |  | Primary          | Primary | Primary          | Primary | Duplicate        | Primary  | Primary         | Primary | Primary         | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS               | NS      | NS               | < 0.0091 | NS              | NS      | NS              | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1             | 1       | < 1             | < 1     | < 1              | 1       |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6    | < 0.6           | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9    | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1             | < 1     | < 1             | < 1     | < 1              | 2       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | < 0.8            | 0.8     | < 0.8            | 0.8     | < 0.8            | 0.9      | 0.8             | 1       | 1               | 0.8     | 0.9              | 0.8     |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9    | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/3/2020         |         | 6/2/2020        |         |           | 6/1/2020         |         | 5/29/2020      |         |           | 5/28/2020       |           |         |
|------------------------|--|------------------|---------|-----------------|---------|-----------|------------------|---------|----------------|---------|-----------|-----------------|-----------|---------|
|                        |  | FD01             | FD02    | FD01            | FD02    |           | FD01             | FD02    | FD01           | FD02    |           | FD01            | FD02      |         |
|                        |  | 24               | 24      | 24              | 24      |           | 24               | 24      | 24             | 24      |           | 24              | 24        |         |
|                        |  | SSW/3.6 mph/79°F |         | SW/3.6 mph/74°F |         |           | WNW/4.7 mph/71°F |         | S/3.9 mph/81°F |         |           | SE/4.1 mph/76°F |           |         |
|                        |  | Primary          | Primary | Primary         | Primary | Duplicate | Primary          | Primary | Primary        | Primary | Duplicate | Primary         | Duplicate | Primary |
| Arsenic                | 0.037  | NS               | NS      | < 0.0085        | NS      | NS        | NS               | NS      | NS             | NS      | NS        | NS              | NS        | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1       | < 1             | < 1       | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1       | < 1             | < 1       | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6     | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6     | < 0.6           | < 0.6     | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9     | < 0.9           | < 0.9     | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1       | < 1             | < 1       | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1             | 1       | 1         | < 1              | < 1     | 1              | 2       | 1         | < 1             | < 1       | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | < 1     | < 1       | < 1              | < 1     | < 1            | < 1     | < 1       | < 1             | < 1       | < 1     |
| Toluene                | 5,210  | 0.8              | < 0.8   | 2               | 0.9     | 0.9       | 0.8              | 0.9     | 0.8            | 0.8     | < 0.8     | < 0.8           | < 0.8     | < 0.8   |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9     | < 0.9           | < 0.9     | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 5/27/2020        |           | 5/26/2020        |         | 5/22/2020        |         | 5/21/2020       |         | 5/20/2020      |          |         |
|------------------------|-----------------------------|------------------|-----------|------------------|---------|------------------|---------|-----------------|---------|----------------|----------|---------|
|                        | Location ID                 | FD01             | FD02      | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    | FD01           | FD02     |         |
|                        | Sample Exposure Time        | 24               | 24        | 24               | 24      | 24               | 24      | 24              | 24      | 24             | 24       |         |
|                        | Average Wind Dir/Speed/Temp | SSE/4.0 mph/78°F |           | SSE/3.7 mph/75°F |         | SSE/3.1 mph/73°F |         | SE/3.1 mph/66°F |         | E/4.3 mph/67°F |          |         |
|                        | Sample Type                 | Primary          | Duplicate | Primary          | Primary | Duplicate        | Primary | Primary         | Primary | Primary        | Primary  | Primary |
| Risk Screening Level   | 24-hour exposure            |                  |           |                  |         |                  |         |                 |         |                |          |         |
| Arsenic                | 0.037                       | < 0.0085         | NS        | NS               | NS      | NS               | NS      | NS              | NS      | NS             | < 0.0088 | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1      | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1      | < 1     |
| Benzene                | 4.68                        | < 0.6            | < 0.6     | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6          | < 0.6    | < 0.6   |
| Ethylbenzene           | 14.6                        | < 0.9            | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9    | < 0.9   |
| Isopropylbenzene       | 417                         | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1      | < 1     |
| Naphthalene            | 3.13                        | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | 1              | 1        | < 1     |
| n-Propylbenzene        | 1,040                       | < 1              | < 1       | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1      | < 1     |
| Toluene                | 5,210                       | < 0.8            | < 0.8     | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8           | < 0.8   | < 0.8          | < 0.8    | 2       |
| Xylenes, Total         | 104                         | < 0.9            | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9    | 2       |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 5/19/2020      |         | 5/18/2020      |         | 5/15/2020        |         | 5/14/2020       |           | 5/13/2020        |         | 5/12/2020       |          |       |
|------------------------|--|----------------|---------|----------------|---------|------------------|---------|-----------------|-----------|------------------|---------|-----------------|----------|-------|
|                        |  | FD01           | FD02    | FD01           | FD02    | FD01             | FD02    | FD01            | FD02      | FD01             | FD02    | FD01            | FD02     |       |
|                        |  | 24             | 24      | 24             | 24      | 24               | 24      | 24              | 24        | 24               | 24      | 24              | 24       |       |
|                        |  | E/6.6 mph/67°F |         | E/3.3 mph/71°F |         | SSW/4.6 mph/86°F |         | SE/4.2 mph/65°F |           | WNW/4.8 mph/63°F |         | NW/7.5 mph/61°F |          |       |
|                        |  | Primary        | Primary | Primary        | Primary | Primary          | Primary | Primary         | Duplicate | Primary          | Primary | Primary         | Primary  |       |
| Arsenic                | 0.037  | NS             | NS      | NS             | NS      | NS               | NS      | NS              | NS        | NS               | NS      | NS              | < 0.0091 | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1       | < 1              | < 1     | < 1             | < 1      | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1       | < 1              | < 1     | < 1             | < 1      | < 1   |
| Benzene                | 4.68   | < 0.6          | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | 0.8             | 0.7       | < 0.6            | < 0.6   | < 0.6           | < 0.6    | < 0.6 |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9     | < 0.9            | < 0.9   | < 0.9           | < 0.9    | < 0.9 |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1       | < 1              | < 1     | < 1             | < 1      | < 1   |
| Naphthalene            | 3.13   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | 2               | 2         | < 1              | < 1     | < 1             | < 1      | < 1   |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1       | < 1              | < 1     | < 1             | < 1      | < 1   |
| Toluene                | 5,210  | < 0.8          | < 0.8   | < 0.8          | < 0.8   | < 0.8            | < 0.8   | 1               | 1         | < 0.8            | < 0.8   | < 0.8           | < 0.8    | < 0.8 |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9     | < 0.9            | < 0.9   | < 0.9           | < 0.9    | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 5/11/2020        |         | 5/8/2020        |         | 5/7/2020        |         | 5/6/2020       |         | 5/5/2020        |         | 5/4/2020        |         |  |
|------------------------|-----------------------------|------------------|---------|-----------------|---------|-----------------|---------|----------------|---------|-----------------|---------|-----------------|---------|--|
|                        | Location ID                 | FD01             | FD02    | FD01            | FD02    | FD01            | FD02    | FD01           | FD02    | FD01            | FD02    | FD01            | FD02    |  |
|                        | Sample Exposure Time        | 24               | 24      | 24              | 24      | 24              | 24      | 24             | 24      | 24              | 24      | 24              | 24      |  |
|                        | Average Wind Dir/Speed/Temp | WSW/3.6 mph/61°F |         | NW/2.5 mph/55°F |         | NW/5.5 mph/66°F |         | E/4.1 mph/51°F |         | NW/5.6 mph/63°F |         | NW/4.8 mph/72°F |         |  |
|                        | Sample Type                 | Primary          | Primary | Primary         | Primary | Primary         | Primary | Primary        | Primary | Primary         | Primary | Primary         | Primary |  |
| Risk Screening Level   |                             |                  |         |                 |         |                 |         |                |         |                 |         |                 |         |  |
| 24-hour exposure       |                             |                  |         |                 |         |                 |         |                |         |                 |         |                 |         |  |
| Arsenic                | 0.037                       | NS               | NS      | NS              | NS      | NS              | NS      | < 0.0082       | NS      | NS              | NS      | NS              | NS      |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     |  |
| Benzene                | 4.68                        | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6           | < 0.6   |  |
| Ethylbenzene           | 14.6                        | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   |  |
| Isopropylbenzene       | 417                         | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     |  |
| Naphthalene            | 3.13                        | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     |  |
| n-Propylbenzene        | 1,040                       | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     |  |
| Toluene                | 5,210                       | < 0.8            | < 0.8   | < 0.8           | < 0.8   | < 0.8           | < 0.8   | < 0.8          | < 0.8   | < 0.8           | < 0.8   | < 0.8           | < 0.8   |  |
| Xylenes, Total         | 104                         | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 5/1/2020        |         | 4/30/2020        |         | 4/29/2020      |           | 4/28/2020       |          | 4/27/2020        |         |       |
|------------------------|--|-----------------|---------|------------------|---------|----------------|-----------|-----------------|----------|------------------|---------|-------|
|                        |  | FD01            | FD02    | FD01             | FD02    | FD01           | FD02      | FD01            | FD02     | FD01             | FD02    |       |
|                        |  | 24              | 24      | 24               | 24      | 24             | 24        | 24              | 24       | 24               | 24      |       |
|                        |  | SE/2.4 mph/64°F |         | SE/12.0 mph/60°F |         | E/4.4 mph/57°F |           | NW/4.7 mph/65°F |          | NNW/3.1 mph/49°F |         |       |
|                        |  | Primary         | Primary | Primary          | Primary | Primary        | Duplicate | Primary         | Primary  | Primary          | Primary |       |
| Arsenic                | 0.037  | NS              | NS      | NS               | NS      | NS             | NS        | NS              | < 0.0085 | NS               | NS      | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1              | < 1     | < 1            | < 1       | < 1             | < 1      | < 1              | < 1     | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1              | < 1     | < 1            | < 1       | < 1             | < 1      | < 1              | < 1     | < 1   |
| Benzene                | 4.68   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6     | < 0.6           | < 0.6    | < 0.6            | < 0.6   | < 0.6 |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9     | < 0.9           | < 0.9    | < 0.9            | < 0.9   | < 0.9 |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1              | < 1     | < 1            | < 1       | < 1             | < 1      | < 1              | < 1     | < 1   |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1              | < 1     | < 1            | < 1       | < 1             | < 1      | < 1              | < 1     | < 1   |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1              | < 1     | < 1            | < 1       | < 1             | < 1      | < 1              | < 1     | < 1   |
| Toluene                | 5,210  | < 0.8           | < 0.8   | < 0.8            | < 0.8   | < 0.8          | < 0.8     | < 0.8           | < 0.8    | < 0.8            | < 0.8   | < 0.8 |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9     | < 0.9           | < 0.9    | < 0.9            | < 0.9   | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 4/24/2020       |         | 4/23/2020      |         | 4/22/2020        |         | 4/21/2020        |         | 4/20/2020        |         |           |
|------------------------|--|-----------------|---------|----------------|---------|------------------|---------|------------------|---------|------------------|---------|-----------|
|                        |  | FD01            | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02    | FD02      |
|                        |  | 24              | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24               | 24      | 24        |
|                        |  | NE/2.1 mph/50°F |         | W/2.1 mph/49°F |         | WNW/8.2 mph/49°F |         | SSW/4.6 mph/59°F |         | NNE/2.7 mph/56°F |         |           |
|                        |  | Primary         | Primary | Primary        | Primary | Duplicate        | Primary | Primary          | Primary | Primary          | Primary | Duplicate |
| Arsenic                | 0.037  | NS              | NS      | < 0.0090       | NS      | NS               | NS      | NS               | NS      | NS               | NS      | NS        |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       |
| Benzene                | 4.68   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6     |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       |
| Toluene                | 5,210  | < 0.8           | < 0.8   | < 0.8          | < 0.8   | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8     |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 4/18/2020      |         | 4/17/2020       |         | 4/16/2020       |         | 4/15/2020       |         | 4/14/2020       |         | 4/13/2020         |         |  |
|------------------------|-----------------------------|----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-------------------|---------|--|
|                        | Location ID                 | FD01           | FD02    | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    | FD01              | FD02    |  |
|                        | Sample Exposure Time        | 24             | 24      | 24              | 24      | 24              | 24      | 24              | 24      | 24              | 24      | 24                | 24      |  |
|                        | Average Wind Dir/Speed/Temp | N/2.6 mph/45°F |         | WSW/4.4mph/50°F |         | NW/8.1 mph/48°F |         | NW/5.1 mph/53°F |         | NW/4.6 mph/59°F |         | SSE/11.7 mph/58°F |         |  |
|                        | Sample Type                 | Primary        | Primary | Primary         | Primary | Primary         | Primary | Primary         | Primary | Primary         | Primary | Primary           | Primary |  |
| Risk Screening Level   | 24-hour exposure            |                |         |                 |         |                 |         |                 |         |                 |         |                   |         |  |
| Arsenic                | 0.037                       | NS             | NS      | NS              | NS      | NS              | NS      | < 0.0089        | NS      | NS              | NS      | NS                | NS      |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1               | < 1     |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1               | < 1     |  |
| Benzene                | 4.68                        | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6           | < 0.6   | < 0.6           | < 0.6   | < 0.6           | < 0.6   | < 0.6             | < 0.6   |  |
| Ethylbenzene           | 14.6                        | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9             | < 0.9   |  |
| Isopropylbenzene       | 417                         | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1               | < 1     |  |
| Naphthalene            | 3.13                        | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1               | < 1     |  |
| n-Propylbenzene        | 1,040                       | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1               | < 1     |  |
| Toluene                | 5,210                       | < 0.8          | < 0.8   | < 0.8           | < 0.8   | < 0.8           | < 0.8   | < 0.8           | < 0.8   | < 0.8           | < 0.8   | < 0.8             | < 0.8   |  |
| Xylenes, Total         | 104                         | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9             | < 0.9   |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 4/10/2020        |         | 4/9/2020         |         | 4/8/2020       |         | 4/7/2020        |         | 4/6/2020         |         | 4/3/2020         |         |
|------------------------|--|------------------|---------|------------------|---------|----------------|---------|-----------------|---------|------------------|---------|------------------|---------|
|                        |  | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01            | FD02    | FD01             | FD02    | FD01             | FD02    |
|                        |  | 24               | 24      | 24               | 24      | 24             | 24      | 24              | 24      | 24               | 24      | 24               | 24      |
|                        |  | WNW/7.8 mph/48°F |         | SSE/5.8 mph/58°F |         | E/2.0 mph/64°F |         | SW/4.1 mph/64°F |         | ENE/3.4 mph/67°F |         | NNW/5.8 mph/52°F |         |
|                        |  | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary         | Primary | Primary          | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS               | NS      | NS             | NS      | < 0.0093        | NS      | NS               | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1              | < 1     | < 1            | 2       | < 1             | < 1     | 3                | 2       | < 1              | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8          | < 0.8   | 0.8             | 0.8     | 1                | 1       | < 0.8            | < 0.8   |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 4/2/2020         |         | 4/1/2020        |         | 3/31/2020      |         | 3/30/2020        |         | 3/27/2020        |         | 3/26/2020       |         |
|------------------------|--|------------------|---------|-----------------|---------|----------------|---------|------------------|---------|------------------|---------|-----------------|---------|
|                        |  | FD01             | FD02    | FD01            | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    |
|                        |  | 24               | 24      | 24              | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24              | 24      |
|                        |  | NNW/7.6 mph/58°F |         | NE/3.5 mph/57°F |         | E/3.3 mph/49°F |         | ESE/2.1 mph/51°F |         | ESE/3.5 mph/67°F |         | SE/3.3 mph/59°F |         |
|                        |  | Primary          | Primary | Primary         | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS              | NS      | < 0.0089       | NS      | NS               | NS      | NS               | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | 0.7              | < 0.6   | 0.8             | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | 2                | < 1     | 2                | < 1     | 7               | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | < 0.8            | < 0.8   | 0.9             | < 0.8   | < 0.8          | < 0.8   | < 0.8            | < 0.8   | 0.8              | < 0.8   | 1               | 0.8     |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 3/25/2020      |         | 3/24/2020       |         | 3/23/2020      |         | 3/20/2020        |         | 3/19/2020      |         | 3/18/2020      |          |         |
|------------------------|--|----------------|---------|-----------------|---------|----------------|---------|------------------|---------|----------------|---------|----------------|----------|---------|
|                        |  | FD01           | FD02    | FD01            | FD02    | FD01           | FD02    | FD01             | FD02    | FD01           | FD02    | FD01           | FD02     |         |
|                        |  | 24             | 24      | 24              | 24      | 24             | 24      | 24               | 24      | 24             | 24      | 24             | 24       |         |
|                        |  | E/4.5 mph/45°F |         | NE/3.5 mph/54°F |         | E/5.0 mph/39°F |         | SSE/2.9 mph/62°F |         | E/2.1 mph/50°F |         | S/3.4 mph/53°F |          |         |
|                        |  | Primary        | Primary | Primary         | Primary | Primary        | Primary | Primary          | Primary | Duplicate      | Primary | Primary        | Primary  | Primary |
| Arsenic                | 0.037  | NS             | NS      | < 0.0087        | NS      | NS             | NS      | NS               | NS      | NS             | NS      | NS             | < 0.0090 | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1      | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1      | < 1     |
| Benzene                | 4.68   | 0.8            | < 0.6   | 1               | < 0.6   | < 0.6          | < 0.6   | 0.7              | < 0.6   | < 0.6          | < 0.6   | < 0.6          | 1        | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9    | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1      | < 1     |
| Naphthalene            | 3.13   | 1              | < 1     | 6               | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1      | < 1     |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1            | < 1      | < 1     |
| Toluene                | 5,210  | 0.9            | < 0.8   | 2               | < 0.8   | < 0.8          | < 0.8   | 2                | 0.8     | < 0.8          | 1       | 0.8            | 2        | < 0.8   |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9    | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 3/17/2020       |         |                  | 3/16/2020 |         |                | 3/13/2020 |           |                | 3/12/2020 |          |                | 3/11/2020 |                  | 3/10/2020 |  |
|------------------------|-----------------------------|-----------------|---------|------------------|-----------|---------|----------------|-----------|-----------|----------------|-----------|----------|----------------|-----------|------------------|-----------|--|
|                        | Location ID                 | FD01            | FD01    | FD02             | FD01      | FD02    | FD01           | FD02      | FD01      | FD02           | FD01      | FD02     | FD01           | FD02      | FD01             | FD02      |  |
|                        | Sample Exposure Time        | 24              | 24      | 24               | 24        | 24      | 24             | 24        | 24        | 24             | 24        | 24       | 24             | 24        | 24               | 24        |  |
|                        | Average Wind Dir/Speed/Temp | SE/2.5 mph/54°F |         | ESE/3.3 mph/47°F |           |         | S/4.7 mph/70°F |           |           | E/2.2 mph/50°F |           |          | E/2.7 mph/60°F |           | SSW/5.1 mph/65°F |           |  |
|                        | Sample Type                 | Primary         | Primary | Primary          | Primary   | Primary | Primary        | Primary   | Duplicate | Primary        | Primary   | Primary  | Primary        | Primary   | Primary          | Primary   |  |
| Risk Screening Level   |                             |                 |         |                  |           |         |                |           |           |                |           |          |                |           |                  |           |  |
| 24-hour exposure       |                             |                 |         |                  |           |         |                |           |           |                |           |          |                |           |                  |           |  |
| Arsenic                | 0.037                       | NS              | NS      | NS               | NS        | NS      | NS             | NS        | NS        | NS             | NS        | < 0.0090 | NS             | NS        | NS               | NS        |  |
| 1,2,4-Trimethylbenzene | 62.6                        | 2               | 1       | < 1              | < 1       | < 1     | < 1            | < 1       | < 1       | < 1            | < 1       | 1        | < 1            | 2         | < 1              | < 1       |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1       | < 1            | < 1       | < 1      | < 1            | < 1       | < 1              | < 1       |  |
| Benzene                | 4.68                        | 4               | 7       | < 0.6            | < 0.6     | < 0.6   | 0.7            | 0.7       | < 0.6     | 2              | 0.9       | 3        | < 0.6          |           |                  |           |  |
| Ethylbenzene           | 14.6                        | 2               | 2       | < 0.9            | < 0.9     | < 0.9   | < 0.9          | < 0.9     | < 0.9     | 1              | < 0.9     | 3        | < 0.9          |           |                  |           |  |
| Isopropylbenzene       | 417                         | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1       | < 1            | < 1       | < 1      | < 1            | < 1       | < 1              | < 1       |  |
| Naphthalene            | 3.13                        | 2               | 2       | < 1              | < 1       | < 1     | < 1            | < 1       | < 1       | 2              | < 1       | 24       | 2              |           |                  |           |  |
| n-Propylbenzene        | 1,040                       | < 1             | < 1     | < 1              | < 1       | < 1     | < 1            | < 1       | < 1       | < 1            | < 1       | < 1      | < 1            | < 1       | < 1              | < 1       |  |
| Toluene                | 5,210                       | 8               | 13      | < 0.8            | < 0.8     | < 0.8   | 1              | 1         | 0.9       | 4              | 1         | 3        | 0.9            |           |                  |           |  |
| Xylenes, Total         | 104                         | 9               | 11      | < 0.9            | < 0.9     | < 0.9   | < 0.9          | < 0.9     | < 0.9     | 5              | < 0.9     | 7        | < 0.9          |           |                  |           |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 3/9/2020         |         | 3/6/2020       |         | 3/4/2020       |         | 3/3/2020        |           | 3/2/2020         |         | 2/28/2020        |         |       |
|------------------------|--|------------------|---------|----------------|---------|----------------|---------|-----------------|-----------|------------------|---------|------------------|---------|-------|
|                        |  | FD01             | FD02    | FD01           | FD02    | FD01           | FD02    | FD01            | FD02      | FD01             | FD02    | FD01             | FD02    |       |
|                        |  | 24               | 24      | 24             | 24      | 24             | 24      | 24              | 24        | 24               | 24      | 24               | 24      |       |
|                        |  | SSW/3.9 mph/78°F |         | E/3.0 mph/45°F |         | W/7.3 mph/57°F |         | SE/3.9 mph/57°F |           | SSE/4.5 mph/58°F |         | WSW/6.0 mph/42°F |         |       |
|                        |  | Primary          | Primary | Primary        | Primary | Primary        | Primary | Primary         | Duplicate | Primary          | Primary | Primary          | Primary |       |
| Arsenic                | 0.037  | NS               | NS      | NS             | NS      | NS             | NS      | < 0.0091        | NS        | NS               | NS      | NS               | NS      | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | 3              | < 1     | < 1             | < 1       | < 1              | < 1     | < 1              | < 1     | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1             | < 1       | < 1              | < 1     | < 1              | < 1     | < 1   |
| Benzene                | 4.68   | 1                | 0.6     | 1              | < 0.6   | 4              | < 0.6   | 0.6             | 0.6       | < 0.6            | 0.8     | 0.7              | < 0.6   | 0.7   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | 4              | < 0.9   | < 0.9           | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9 |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1             | < 1       | < 1              | < 1     | < 1              | < 1     | < 1   |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1            | < 1     | 32             | 5       | 1               | 1         | < 1              | 10      | 2                | < 1     | < 1   |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1            | < 1     | < 1            | < 1     | < 1             | < 1       | < 1              | < 1     | < 1              | < 1     | < 1   |
| Toluene                | 5,210  | 2                | 1       | 2              | < 0.8   | 8              | 0.8     | 1               | 1         | 0.8              | 2       | 0.9              | < 0.8   | 0.8   |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9          | < 0.9   | 12             | < 0.9   | < 0.9           | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 2/27/2020      |         | 2/26/2020      |         | 2/24/2020        |         | 2/21/2020      |         | 2/20/2020        |         | 2/19/2020       |         |
|------------------------|--|----------------|---------|----------------|---------|------------------|---------|----------------|---------|------------------|---------|-----------------|---------|
|                        |  | FD01           | FD02    | FD01           | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01            | FD02    |
|                        |  | 24             | 24      | 24             | 24      | 24               | 24      | 24             | 24      | 24               | 24      | 24              | 24      |
|                        |  | W/8.6 mph/42°F |         | E/1.8 mph/47°F |         | SSE/3.6 mph/60°F |         | N/2.7 mph/37°F |         | WNW/4.4 mph/35°F |         | NW/6.9 mph/48°F |         |
|                        |  | Primary        | Primary | Primary        | Primary | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary         | Primary |
| Arsenic                | 0.037  | < 0.0091       | NS      | NS             | NS      | NS               | NS      | < 0.0091       | NS      | NS               | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6          | < 0.6   | 0.8            | < 0.6   | 0.7              | 0.7     | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1            | 2       | 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | < 0.8          | < 0.8   | 3              | 0.9     | 2                | 2       | < 0.8          | < 0.8   | < 0.8            | < 0.8   | < 0.8           | < 0.8   |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 2/18/2020      |           | 2/14/2020       |         | 2/13/2020      |         | 2/12/2020      |         | 2/11/2020        |         |         |       |
|------------------------|-----------------------------|----------------|-----------|-----------------|---------|----------------|---------|----------------|---------|------------------|---------|---------|-------|
|                        | Location ID                 | FD01           | FD02      | FD01            | FD02    | FD01           | FD02    | FD01           | FD02    | FD01             | FD02    |         |       |
|                        | Sample Exposure Time        | 24             | 24        | 24              | 24      | 24             | 24      | 24             | 24      | 24               | 24      |         |       |
|                        | Average Wind Dir/Speed/Temp | E/2.8 mph/46°F |           | NW/7.7 mph/31°F |         | W/2.0 mph/42°F |         | W/3.8 mph/46°F |         | ENE/1.2 mph/47°F |         |         |       |
|                        | Sample Type                 | Primary        | Duplicate | Primary         | Primary | Duplicate      | Primary | Primary        | Primary | Primary          | Primary | Primary |       |
| Risk Screening Level   |                             |                |           |                 |         |                |         |                |         |                  |         |         |       |
| 24-hour exposure       |                             |                |           |                 |         |                |         |                |         |                  |         |         |       |
| Arsenic                | 0.037                       | NS             | NS        | NS              | NS      | NS             | NS      | NS             | NS      | < 0.0090         | NS      | NS      | NS    |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1            | < 1       | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1     | < 1   |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1            | < 1       | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1     | < 1   |
| Benzene                | 4.68                        | 0.7            | 0.9       | 0.8             | < 0.6   | < 0.6          | < 0.6   | 0.8            | 0.8     | < 0.6            | < 0.6   | 0.8     | 0.7   |
| Ethylbenzene           | 14.6                        | < 0.9          | < 0.9     | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9   | < 0.9 |
| Isopropylbenzene       | 417                         | < 1            | < 1       | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1     | < 1   |
| Naphthalene            | 3.13                        | < 1            | < 1       | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1     | < 1   |
| n-Propylbenzene        | 1,040                       | < 1            | < 1       | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1     | < 1   |
| Toluene                | 5,210                       | 0.9            | 1         | 1               | < 0.8   | < 0.8          | < 0.8   | 1              | 1       | < 0.8            | < 0.8   | 1       | 1     |
| Xylenes, Total         | 104                         | < 0.9          | < 0.9     | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9   | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 2/10/2020       |         | 2/7/2020         |         | 2/6/2020       |         | 2/5/2020        |         | 2/4/2020         |         | 2/3/2020        |         |         |
|------------------------|--|-----------------|---------|------------------|---------|----------------|---------|-----------------|---------|------------------|---------|-----------------|---------|---------|
|                        |  | FD01            | FD02    | FD01             | FD02    | FD01           | FD02    | FD01            | FD02    | FD01             | FD02    | FD01            | FD02    |         |
|                        |  | 24              | 24      | 24               | 24      | 24             | 24      | 24              | 24      | 24               | 24      | 24              | 24      | 24      |
|                        |  | SW/4.5 mph/47°F |         | WNW/5.6 mph/56°F |         | E/3.0 mph/41°F |         | NE/2.1 mph/43°F |         | SSE/2.2 mph/55°F |         | SW/3.7 mph/58°F |         |         |
|                        |  | Primary         | Primary | Primary          | Primary | Primary        | Primary | Primary         | Primary | Primary          | Primary | Primary         | Primary | Primary |
| Arsenic                | 0.037  | NS              | NS      | NS               | NS      | NS             | NS      | < 0.0091        | NS      | NS               | NS      | NS              | NS      |         |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     |         |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     |         |
| Benzene                | 4.68   | 0.6             | < 0.6   | < 0.6            | < 0.6   | 0.8            | < 0.6   | < 0.6           | < 0.6   | 1                | 1       | 1               | 1       |         |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |         |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     |         |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | 2                | 2       | 2               | 2       |         |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     |         |
| Toluene                | 5,210  | 2               | 1       | 1                | < 0.8   | 1              | < 0.8   | < 0.8           | < 0.8   | 3                | 2       | 2               | 2       |         |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | 2                | < 0.9   | < 0.9           | < 0.9   |         |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Locations  
 Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 1/31/2020        |           | 1/30/2020        |          | 1/29/2020        |           | 1/28/2020       |         | 1/27/2020       |         |
|------------------------|--|------------------|-----------|------------------|----------|------------------|-----------|-----------------|---------|-----------------|---------|
|                        |  | FD01             | FD02      | FD01             | FD02     | FD01             | FD02      | FD01            | FD02    | FD01            | FD02    |
|                        |  | 24               | 24        | 24               | 24       | 24               | 24        | 24              | 24      | 24              | 24      |
|                        |  | ENE/1.0 mph/42°F |           | ENE/2.0 mph/38°F |          | NNW/4.7 mph/43°F |           | NW/5.8 mph/43°F |         | SW/4.4 mph/46°F |         |
|                        |  | Primary          | Duplicate | Primary          | Primary  | Primary          | Duplicate | Primary         | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS               | NS        | NS               | < 0.0090 | NS               | NS        | NS              | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1       | < 1              | < 1      | < 1              | < 1       | < 1             | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1       | < 1              | < 1      | < 1              | < 1       | < 1             | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | 1                | 1         | 1                | 0.9      | 0.8              | 0.8       | < 0.6           | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9     | < 0.9            | < 0.9    | < 0.9            | < 0.9     | < 0.9           | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1       | < 1              | < 1      | < 1              | < 1       | < 1             | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1       | < 1              | < 1      | < 1              | < 1       | < 1             | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1       | < 1              | < 1      | < 1              | < 1       | < 1             | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 2                | 1         | 2                | 1        | 1                | 1         | < 0.8           | < 0.8   | < 0.8           | 0.8     |
| Xylenes, Total         | 104  | < 0.9            | < 0.9     | < 0.9            | < 0.9    | < 0.9            | < 0.9     | < 0.9           | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 1/24/2020      |           | 1/23/2020      |         | 1/22/2020       |          | 1/21/2020      |         | 1/20/2020        |         | 1/17/2020        |         |
|------------------------|--|----------------|-----------|----------------|---------|-----------------|----------|----------------|---------|------------------|---------|------------------|---------|
|                        |  | FD01           | FD02      | FD01           | FD02    | FD01            | FD02     | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    |
|                        |  | 24             | 24        | 24             | 24      | 24              | 24       | 24             | 24      | 24               | 24      | 24               | 24      |
|                        |  | E/1.7 mph/53°F |           | S/2.5 mph/45°F |         | SW/2.8 mph/41°F |          | N/2.8 mph/35°F |         | NNW/5.6 mph/33°F |         | ENE/2.8 mph/34°F |         |
|                        |  | Primary        | Duplicate | Primary        | Primary | Primary         | Primary  | Primary        | Primary | Primary          | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS             | NS        | NS             | NS      | NS              | < 0.0090 | NS             | NS      | NS               | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1       | < 1            | 1       | 1               | < 1      | 1              | < 1     | < 1              | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1       | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | 1              | 1         | 1              | 2       | 2               | 1        | 1              | 0.7     | 0.7              | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9     | < 0.9          | 1       | 0.9             | < 0.9    | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1       | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1            | < 1       | < 1            | 4       | 3               | < 1      | 2              | < 1     | < 1              | < 1     | < 1              | < 1     |
| n-Propylbenzene        | 1,040  | < 1            | < 1       | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | 2              | 2         | 2              | 4       | 6               | 3        | 4              | 1       | 1                | < 0.8   | < 0.8            | < 0.8   |
| Xylenes, Total         | 104  | < 0.9          | < 0.9     | < 0.9          | 4       | 4               | 2        | 4              | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 1/16/2020        |         | 1/15/2020        |           | 1/14/2020      |         | 1/13/2020      |         | 1/10/2020       |          | 1/9/2020       |         |       |
|------------------------|--|------------------|---------|------------------|-----------|----------------|---------|----------------|---------|-----------------|----------|----------------|---------|-------|
|                        |  | FD01             | FD02    | FD01             | FD02      | FD01           | FD02    | FD01           | FD02    | FD01            | FD02     | FD01           | FD02    |       |
|                        |  | 24               | 24      | 24               | 24        | 24             | 24      | 24             | 24      | 24              | 24       | 24             | 24      |       |
|                        |  | WNW/7.8 mph/49°F |         | WNW/3.9 mph/51°F |           | E/2.0 mph/45°F |         | E/1.4 mph/44°F |         | SW/4.0 mph/55°F |          | N/3.3 mph/35°F |         |       |
|                        |  | Primary          | Primary | Primary          | Duplicate | Primary        | Primary | Primary        | Primary | Primary         | Primary  | Primary        | Primary |       |
| Arsenic                | 0.037  | NS               | NS      | < 0.0089         | NS        | NS             | NS      | NS             | NS      | NS              | < 0.0089 | NS             | NS      | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1       | < 1            | < 1     | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1       | < 1            | < 1     | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1   |
| Benzene                | 4.68   | < 0.6            | < 0.6   | 1                | 1         | 1              | 1       | 1              | 1       | 1               | 0.9      | < 0.6          | < 0.6   | < 0.6 |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9            | < 0.9     | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9    | < 0.9          | < 0.9   | < 0.9 |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1       | < 1            | < 1     | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1   |
| Naphthalene            | 3.13   | < 1              | < 1     | 1                | 2         | < 1            | < 1     | 1              | < 1     | < 1             | < 1      | < 1            | < 1     | < 1   |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1              | < 1       | < 1            | < 1     | < 1            | < 1     | < 1             | < 1      | < 1            | < 1     | < 1   |
| Toluene                | 5,210  | 0.8              | < 0.8   | 2                | 2         | 2              | 2       | 2              | 2       | 2               | 2        | 1              | 0.8     | 0.8   |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9            | < 0.9     | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9    | < 0.9          | < 0.9   | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 1/8/2020       |         | 1/7/2020         |         | 1/6/2020        |         | 1/3/2020       |         | 1/2/2020         |         | 12/31/2019      |         |
|------------------------|--|----------------|---------|------------------|---------|-----------------|---------|----------------|---------|------------------|---------|-----------------|---------|
|                        |  | FD01           | FD02    | FD01             | FD02    | FD01            | FD02    | FD01           | FD02    | FD01             | FD02    | FD01            | FD02    |
|                        |  | 24             | 24      | 24               | 24      | 24              | 24      | 24             | 24      | 24               | 24      | 24              | 24      |
|                        |  | W/5.8 mph/44°F |         | ESE/2.2 mph/46°F |         | SW/4.4 mph/45°F |         | S/2.1 mph/47°F |         | SSW/2.9 mph/49°F |         | NW/2.1 mph/40°F |         |
|                        |  | Primary        | Primary | Primary          | Primary | Primary         | Primary | Primary        | Primary | Primary          | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS             | NS      | NS               | NS      | NS              | NS      | < 0.0089       | NS      | NS               | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | 1       | < 1              | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6          | < 0.6   | 0.9              | 0.8     | < 0.6           | < 0.6   | 2              | 2       | 1                | 1       | 0.6             | 0.7     |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | 1              | 6       | 1                | 1       | < 1             | 1       |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | < 0.8          | < 0.8   | 1                | 1       | < 0.8           | < 0.8   | 3              | 3       | 2                | 2       | 0.9             | 1       |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | 2              | 4       | < 0.9            | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 12/30/2019     |         | 12/20/2019      |         | 12/19/2019       |         | 12/18/2019       |         | 12/17/2019       |         | 12/16/2019       |         |  |
|------------------------|-----------------------------|----------------|---------|-----------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|--|
|                        | Location ID                 | FD01           | FD02    | FD01            | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02    |  |
|                        | Sample Exposure Time        | 24             | 24      | 24              | 24      | 24               | 24      | 24               | 24      | 24               | 24      | 24               | 24      |  |
|                        | Average Wind Dir/Speed/Temp | E/7.3 mph/41°F |         | NW/4.8 mph/27°F |         | WNW/7.6 mph/26°F |         | WSW/3.9 mph/36°F |         | ENE/3.0 mph/34°F |         | WNW/2.4 mph/36°F |         |  |
|                        | Sample Type                 | Primary        | Primary | Primary         | Primary | Primary          | Primary | Primary          | Primary | Primary          | Primary | Primary          | Primary |  |
| Risk Screening Level   |                             |                |         |                 |         |                  |         |                  |         |                  |         |                  |         |  |
| 24-hour exposure       |                             |                |         |                 |         |                  |         |                  |         |                  |         |                  |         |  |
| Arsenic                | 0.037                       | NS             | NS      | NS              | NS      | NS               | NS      | < 0.0088         | NS      | NS               | NS      | NS               | NS      |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| Benzene                | 4.68                        | < 0.6          | 0.6     | 0.7             | 0.8     | < 0.6            | < 0.6   | < 0.6            | < 0.6   | 0.7              | 0.7     | 0.8              | 0.7     |  |
| Ethylbenzene           | 14.6                        | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |  |
| Isopropylbenzene       | 417                         | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| Naphthalene            | 3.13                        | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | 1                | < 1     |  |
| n-Propylbenzene        | 1,040                       | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| Toluene                | 5,210                       | < 0.8          | < 0.8   | < 0.8           | 0.8     | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8            | < 0.8   | 1                | 1       |  |
| Xylenes, Total         | 104                         | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 12/13/2019       |         | 12/12/2019     |         | 12/11/2019       |         | 12/10/2019      |         | 12/9/2019       |         | 12/6/2019        |         |
|------------------------|--|------------------|---------|----------------|---------|------------------|---------|-----------------|---------|-----------------|---------|------------------|---------|
|                        |  | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01            | FD02    | FD01            | FD02    | FD01             | FD02    |
|                        |  | 24               | 24      | 24             | 24      | 24               | 24      | 24              | 24      | 24              | 24      | 24               | 24      |
|                        |  | ENE/1.5 mph/44°F |         | N/3.2 mph/38°F |         | WNW/2.2 mph/38°F |         | SW/3.8 mph/58°F |         | SE/2.1 mph/52°F |         | SSW/3.9 mph/49°F |         |
|                        |  | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary         | Primary | Primary         | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS             | NS      | NS               | NS      | NS              | NS      | NS              | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | 1                | 1       | 0.7            | 0.9     | 0.7              | < 0.6   | < 0.6           | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | 1                | 1       | 0.9            | 1       | < 0.8            | < 0.8   | 0.8             | 0.9     | 0.8             | 0.8     | 1                | 1       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 12/5/2019      |         | 12/4/2019       |         | 12/3/2019       |         | 12/2/2019        |         | 11/27/2019      |         | 11/26/2019       |         |
|------------------------|--|----------------|---------|-----------------|---------|-----------------|---------|------------------|---------|-----------------|---------|------------------|---------|
|                        |  | FD01           | FD02    | FD01            | FD02    | FD01            | FD02    | FD01             | FD02    | FD01            | FD02    | FD01             | FD02    |
|                        |  | 24             | 24      | 24              | 24      | 24              | 24      | 24               | 24      | 24              | 24      | 24               | 24      |
|                        |  | W/6.2 mph/42°F |         | SW/2.8 mph/38°F |         | NW/6.5 mph/37°F |         | NNW/3.9 mph/36°F |         | SE/2.0 mph/58°F |         | SSW/2.9 mph/61°F |         |
|                        |  | Primary        | Primary | Primary         | Primary | Primary         | Primary | Primary          | Primary | Primary         | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS             | NS      | < 0.0091        | NS      | NS              | NS      | NS               | NS      | NS              | NS      | < 0.0091         | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | 1       |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | < 0.6          | < 0.6   | 0.8             | 0.7     | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6           | 0.7     | 1                | 1       |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     | 3                | 7       |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1             | < 1     | < 1             | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | < 0.8          | < 0.8   | 1               | 1       | 0.9             | 0.8     | < 0.8            | < 0.8   | 2               | 2       | 4                | 4       |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | 3                | 4       |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 11/25/2019       |         | 11/21/2019      |         | 11/20/2019       |         | 11/19/2019       |         | 11/18/2019       |         | 11/15/2019      |         |
|------------------------|--|------------------|---------|-----------------|---------|------------------|---------|------------------|---------|------------------|---------|-----------------|---------|
|                        |  | FD01             | FD02    | FD01            | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    |
|                        |  | 24               | 24      | 24              | 24      | 24               | 24      | 24               | 24      | 24               | 24      | 24              | 24      |
|                        |  | SSW/2.9 mph/54°F |         | NW/2.5 mph/55°F |         | NNW/4.5 mph/50°F |         | WNW/3.6 mph/47°F |         | NNW/2.6 mph/42°F |         | SW/3.4 mph/52°F |         |
|                        |  | Primary          | Primary | Primary         | Primary | Primary          | Primary | Primary          | Primary | Primary          | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS              | NS      | NS               | NS      | NS               | NS      | NS               | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | 1                | < 0.6   | < 0.6           | < 0.6   | 0.7              | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 1                | < 0.8   | 0.8             | 0.8     | 1                | 0.8     | < 0.8            | < 0.8   | 0.9              | 0.8     | 2               | 1       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 11/14/2019      |         | 11/13/2019      |         | 11/12/2019      |         | 11/11/2019      |         | 11/8/2019       |         | 11/7/2019       |         |
|------------------------|--|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|
|                        |  | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    |
|                        |  | 24              | 24      | 24              | 24      | 24              | 24      | 24              | 24      | 24              | 24      | 24              | 24      |
|                        |  | SW/3.2 mph/44°F |         | NW/6.7 mph/40°F |         | NW/6.6 mph/54°F |         | SE/1.4 mph/61°F |         | NW/6.7 mph/40°F |         | SW/3.5 mph/57°F |         |
|                        |  | Primary         | Primary | Primary         | Primary | Primary         | Primary | Primary         | Primary | Primary         | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS              | NS      | NS              | NS      | < 0.0090        | NS      | NS              | NS      | NS              | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | 0.7             | 0.8     | < 0.6           | < 0.6   | < 0.6           | < 0.6   | 0.7             | 0.7     | < 0.6           | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | 1               | < 1     | < 1             | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 2               | 2       | 0.8             | < 0.8   | < 0.8           | < 0.8   | 2               | 2       | < 0.8           | < 0.8   | 1               | 0.9     |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 11/6/2019      |         | 11/5/2019        |         | 11/4/2019 |         | 11/1/2019        |         | 10/31/2019     |         | 10/30/2019       |         | 10/29/2019       |         | 10/28          |         |                 |
|------------------------|--|----------------|---------|------------------|---------|-----------|---------|------------------|---------|----------------|---------|------------------|---------|------------------|---------|----------------|---------|-----------------|
|                        |  | FD01           | FD02    | FD01             | FD02    | FD01      | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01           |         |                 |
|                        |  | 24             | 24      | 24               | 24      | 24        | 24      | 24               | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24             | 24      |                 |
|                        |  | W/3.9 mph/57°F |         | WSW/2.2 mph/61°F |         |           |         | SSW/3.9 mph/57°F |         | W/6.6 mph/57°F |         | SSW/5.1 mph/72°F |         | ENE/1.0 mph/63°F |         | E/1.7 mph/59°F |         | NE/1.8 mph/59°F |
|                        |  | Primary        | Primary | Primary          | Primary | Duplicate | Primary | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary        | Primary |                 |
| Arsenic                | 0.037  | < 0.0090       | NS      | NS               | NS      | NS        | NS      | NS               | NS      | NS             | NS      | NS               | NS      | NS               | NS      | NS             |         |                 |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1              | < 1     | < 1       | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |         |                 |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1              | < 1     | < 1       | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |         |                 |
| Benzene                | 4.68   | 0.6            | < 0.6   | 0.8              | 0.7     | < 0.6     | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6          |         |                 |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          |         |                 |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1              | < 1     | < 1       | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |         |                 |
| Naphthalene            | 3.13   | < 1            | < 1     | < 1              | < 1     | < 1       | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |         |                 |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1              | < 1     | < 1       | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |         |                 |
| Toluene                | 5,210  | 1              | 1       | 1                | 1       | 1         | 0.8     | 0.9              | < 0.8   | < 0.8          | < 0.8   | < 0.8            | 1       | 1                | 1       | 0.9            |         |                 |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          |         |                 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | /2019   |         | 10/25/2019       |         | 10/24/2019       |         | 10/23/2019     |  |
|------------------------|-----------------------------|---------|---------|------------------|---------|------------------|---------|----------------|--|
|                        | Location ID                 | FD02    | FD01    | FD02             | FD01    | FD02             | FD01    | FD02           |  |
|                        | Sample Exposure Time        | 24      | 24      | 24               | 24      | 24               | 24      | 24             |  |
|                        | Average Wind Dir/Speed/Temp | W/63°F  |         | SSW/2.6 mph/66°F |         | SSW/3.0 mph/68°F |         | W/4.9 mph/67°F |  |
|                        | Sample Type                 | Primary | Primary | Primary          | Primary | Primary          | Primary | Primary        |  |
| Risk Screening Level   |                             |         |         |                  |         |                  |         |                |  |
| 24-hour exposure       |                             |         |         |                  |         |                  |         |                |  |
| Arsenic                | 0.037                       | NS      | NS      | NS               | NS      | NS               | NS      | NS             |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1     | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1     | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |  |
| Benzene                | 4.68                        | < 0.6   | 0.8     | 0.8              | 0.8     | 0.7              | 0.9     | 1              |  |
| Ethylbenzene           | 14.6                        | < 0.9   | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | 1              |  |
| Isopropylbenzene       | 417                         | < 1     | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |  |
| Naphthalene            | 3.13                        | 2       | < 1     | 2                | 1       | < 1              | 1       | 2              |  |
| n-Propylbenzene        | 1,040                       | < 1     | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            |  |
| Toluene                | 5,210                       | 0.8     | 2       | 3                | 2       | 2                | 2       | 2              |  |
| Xylenes, Total         | 104                         | < 0.9   | 2       | 2                | 2       | < 0.9            | 2       | 3              |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 10/22/2019     |         | 10/21/2019       |         | 10/18/2019      |         | 10/17/2019       |         | 10/16/2019       |         |           | 10/15/2019     |         |         |
|------------------------|--|----------------|---------|------------------|---------|-----------------|---------|------------------|---------|------------------|---------|-----------|----------------|---------|---------|
|                        |  | FD01           | FD02    | FD01             | FD02    | FD01            | FD02    | FD01             | FD02    | FD01             | FD02    | FD01      | FD02           | FD01    | FD02    |
|                        |  | 24             | 24      | 24               | 24      | 24              | 24      | 24               | 24      | 24               | 24      | 24        | 24             | 24      | 24      |
|                        |  | E/3.1 mph/60°F |         | ENE/2.4 mph/71°F |         | NW/6.6 mph/59°F |         | WSW/6.9 mph/58°F |         | ESE/6.2 mph/66°F |         |           | N/3.1 mph/67°F |         |         |
|                        |  | Primary        | Primary | Primary          | Primary | Primary         | Primary | Primary          | Primary | Primary          | Primary | Duplicate | Primary        | Primary | Primary |
| Arsenic                | 0.037  | NS             | NS      | NS               | NS      | NS              | NS      | NS               | NS      | NS               | NS      | NS        | < 0.0089       | NS      |         |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       | < 1            | < 1     |         |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       | < 1            | < 1     |         |
| Benzene                | 4.68   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6     | < 0.6          | < 0.6   |         |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9          | < 0.9   |         |
| Isopropylbenzene       | 417  | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       | < 1            | < 1     |         |
| Naphthalene            | 3.13   | 1              | < 1     | 1                | 2       | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       | < 1            | 1       |         |
| n-Propylbenzene        | 1,040  | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     | < 1       | < 1            | < 1     |         |
| Toluene                | 5,210  | 1              | 2       | 2                | 2       | 1               | 0.9     | < 0.8            | < 0.8   | < 0.8            | < 0.8   | < 0.8     | 1              | 1       |         |
| Xylenes, Total         | 104  | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9          | < 0.9   |         |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 10/14/2019       |         | 10/11/2019       |         | 10/10/2019     |         | 10/9/2019       |         | 10/8/2019        |         | 10/7/2019        |         |  |
|------------------------|-----------------------------|------------------|---------|------------------|---------|----------------|---------|-----------------|---------|------------------|---------|------------------|---------|--|
|                        | Location ID                 | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01            | FD02    | FD01             | FD02    | FD01             | FD02    |  |
|                        | Sample Exposure Time        | 24               | 24      | 24               | 24      | 24             | 24      | 24              | 24      | 24               | 24      | 24               | 24      |  |
|                        | Average Wind Dir/Speed/Temp | WSW/3.9 mph/75°F |         | NNE/3.6 mph/66°F |         | N/3.5 mph/71°F |         | NE/3.3 mph/59°F |         | NNE/2.4 mph/64°F |         | SSW/4.6 mph/79°F |         |  |
|                        | Sample Type                 | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary         | Primary | Primary          | Primary | Primary          | Primary |  |
| Risk Screening Level   |                             |                  |         |                  |         |                |         |                 |         |                  |         |                  |         |  |
| 24-hour exposure       |                             |                  |         |                  |         |                |         |                 |         |                  |         |                  |         |  |
| Arsenic                | 0.037                       | NS               | NS      | NS               | NS      | NS             | NS      | < 0.0089        | NS      | NS               | NS      | NS               | NS      |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| Benzene                | 4.68                        | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6            | 1       | < 0.6            | < 0.6   |  |
| Ethylbenzene           | 14.6                        | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |  |
| Isopropylbenzene       | 417                         | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| Naphthalene            | 3.13                        | < 1              | 1       | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| n-Propylbenzene        | 1,040                       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1              | < 1     | < 1              | < 1     |  |
| Toluene                | 5,210                       | 1                | 1       | < 0.8            | < 0.8   | < 0.8          | < 0.8   | < 0.8           | 0.8     | < 0.8            | 2       | < 0.8            | 0.9     |  |
| Xylenes, Total         | 104                         | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 10/4/2019       |         | 10/3/2019      |         | 10/2/2019        |         | 10/1/2019        |         | 9/30/2019        |         | 9/27/2019        |         |
|------------------------|--|-----------------|---------|----------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|
|                        |  | FD01            | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02    | FD01             | FD02    |
|                        |  | 24              | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24               | 24      | 24               | 24      |
|                        |  | NW/5.7 mph/66°F |         | E/3.9 mph/56°F |         | WSW/4.3 mph/94°F |         | SSW/4.4 mph/81°F |         | ESE/2.8 mph/73°F |         | SSE/3.1 mph/76°F |         |
|                        |  | Primary         | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary          | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS              | NS      | NS             | NS      | < 0.0087         | NS      | NS               | NS      | NS               | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | < 0.8           | 1       | 0.9            | 0.9     | 0.8              | 0.9     | 1                | 2       | 0.8              | < 0.8   | 0.9              | 0.9     |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 9/26/2019        |         | 9/25/2019      |         | 9/24/2019        |         | 9/23/2019        |         | 9/20/2019      |         | 9/19/2019        |         |  |
|------------------------|-----------------------------|------------------|---------|----------------|---------|------------------|---------|------------------|---------|----------------|---------|------------------|---------|--|
|                        | Location ID                 | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    |  |
|                        | Sample Exposure Time        | 24               | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24             | 24      | 24               | 24      |  |
|                        | Average Wind Dir/Speed/Temp | SSW/4.2 mph/82°F |         | W/3.3 mph/80°F |         | WNW/5.3 mph/78°F |         | SSW/4.0 mph/89°F |         | W/3.7 mph/80°F |         | ESE/2.7 mph/73°F |         |  |
|                        | Sample Type                 | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary          | Primary |  |
| Risk Screening Level   |                             |                  |         |                |         |                  |         |                  |         |                |         |                  |         |  |
| 24-hour exposure       |                             |                  |         |                |         |                  |         |                  |         |                |         |                  |         |  |
| Arsenic                | 0.037                       | NS               | NS      | NS             | NS      | NS               | NS      | NS               | NS      | NS             | NS      | NS               | NS      |  |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     |  |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     |  |
| Benzene                | 4.68                        | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6            | 0.6     | 0.7            | < 0.6   | < 0.6            | < 0.6   |  |
| Ethylbenzene           | 14.6                        | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   |  |
| Isopropylbenzene       | 417                         | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     |  |
| Naphthalene            | 3.13                        | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     |  |
| n-Propylbenzene        | 1,040                       | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     |  |
| Toluene                | 5,210                       | 2                | 2       | 2              | 2       | 1                | 1       | 1                | 0.9     | 2              | 2       | 2                | 2       |  |
| Xylenes, Total         | 104                         | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 9/18/2019        |         | 9/17/2019        |         | 9/16/2019      |         | 9/13/2019        |         | 9/12/2019        |         | 9/11/2019       |         |
|------------------------|--|------------------|---------|------------------|---------|----------------|---------|------------------|---------|------------------|---------|-----------------|---------|
|                        |  | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    |
|                        |  | 24               | 24      | 24               | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24              | 24      |
|                        |  | ENE/2.5 mph/72°F |         | ENE/2.8 mph/80°F |         | E/2.0 mph/79°F |         | ESE/3.9 mph/72°F |         | ENE/2.2 mph/83°F |         | SW/4.7 mph/90°F |         |
|                        |  | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary         | Primary |
| Arsenic                | 0.037  | NS               | NS      | < 0.0085         | NS      | NS             | NS      | NS               | NS      | NS               | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | 1               | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Benzene                | 4.68   | < 0.6            | 0.6     | < 0.6            | < 0.6   | < 0.6          | 0.9     | < 0.6            | < 0.6   | < 0.6            | 1       | < 0.6           | 1       |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | 1       | < 0.9            | < 0.9   | < 0.9            | 2       | 1               | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1              | 2       | < 1            | 1       | < 1              | < 1     | < 1              | 5       | 2               | 4       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     |
| Toluene                | 5,210  | 0.9              | 1       | 0.9              | 2       | 1              | 2       | 1                | 0.9     | 1                | 3       | 0.9             | 1       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9            | 2       | < 0.9          | 4       | < 0.9            | < 0.9   | < 0.9            | 5       | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 9/10/2019       |           | 9/9/2019       |         | 9/6/2019       |         | 9/4/2019         |          | 9/3/2019       |         | 8/30/2019       |         |
|------------------------|-----------------------------|-----------------|-----------|----------------|---------|----------------|---------|------------------|----------|----------------|---------|-----------------|---------|
|                        | Location ID                 | FD01            | FD02      | FD01           | FD02    | FD01           | FD02    | FD01             | FD02     | FD01           | FD02    | FD01            | FD02    |
|                        | Sample Exposure Time        | 24              | 24        | 24             | 24      | 24             | 24      | 24               | 24       | 24             | 24      | 24              | 24      |
|                        | Average Wind Dir/Speed/Temp | SE/3.4 mph/78°F |           | E/2.4 mph/82°F |         | E/4.3 mph/67°F |         | SSW/4.7 mph/90°F |          | E/2.2 mph/85°F |         | SW/4.7 mph/88°F |         |
|                        | Sample Type                 | Primary         | Duplicate | Primary        | Primary | Primary        | Primary | Primary          | Primary  | Primary        | Primary | Primary         | Primary |
| Risk Screening Level   |                             |                 |           |                |         |                |         |                  |          |                |         |                 |         |
| 24-hour exposure       |                             |                 |           |                |         |                |         |                  |          |                |         |                 |         |
| Arsenic                | 0.037                       | < 0.0089        | NS        | NS             | NS      | NS             | NS      | NS               | < 0.0089 | NS             | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1             | < 1       | < 1            | 1       | < 1            | < 1     | < 1              | < 1      | < 1            | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1      | < 1            | < 1     | < 1             | < 1     |
| Benzene                | 4.68                        | < 0.6           | < 0.6     | 0.8            | 2       | 0.8            | < 0.6   | 2                | < 0.6    | < 0.6          | < 0.6   | < 0.6           | 0.7     |
| Ethylbenzene           | 14.6                        | < 0.9           | < 0.9     | < 0.9          | 1       | < 0.9          | < 0.9   | 1                | < 0.9    | < 0.9          | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417                         | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1      | < 1            | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13                        | 1               | 1         | < 1            | < 1     | 2              | < 1     | 5                | < 1      | < 1            | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040                       | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     | < 1              | < 1      | < 1            | < 1     | < 1             | < 1     |
| Toluene                | 5,210                       | < 0.8           | < 0.8     | 0.9            | 3       | 2              | < 0.8   | 2                | < 0.8    | < 0.8          | 0.8     | 0.9             | 1       |
| Xylenes, Total         | 104                         | < 0.9           | < 0.9     | < 0.9          | 4       | < 0.9          | < 0.9   | 4                | < 0.9    | < 0.9          | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 8/29/2019       |         | 8/28/2019      |         | 8/27/2019       |           | 8/26/2019      |         | 8/23/2019      |         |
|------------------------|--|-----------------|---------|----------------|---------|-----------------|-----------|----------------|---------|----------------|---------|
|                        |  | FD01            | FD02    | FD01           | FD02    | FD01            | FD02      | FD01           | FD02    | FD01           | FD02    |
|                        |  | 24              | 24      | 24             | 24      | 24              | 24        | 24             | 24      | 24             | 24      |
|                        |  | NW/3.5 mph/83°F |         | E/2.4 mph/75°F |         | SE/3.5 mph/76°F |           | E/3.4 mph/77°F |         | N/1.9 mph/76°F |         |
|                        |  | Primary         | Primary | Primary        | Primary | Primary         | Duplicate | Primary        | Primary | Primary        | Primary |
| Arsenic                | 0.037  | NS              | NS      | < 0.0089       | NS      | NS              | NS        | NS             | NS      | NS             | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     |
| Benzene                | 4.68   | < 0.6           | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6     | < 0.6          | < 0.6   | < 0.6          | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9     | < 0.9          | < 0.9   | < 0.9          | < 0.9   |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     |
| Naphthalene            | 3.13   | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1            | < 1     | < 1             | < 1       | < 1            | < 1     | < 1            | < 1     |
| Toluene                | 5,210  | 1               | 1       | 1              | 0.9     | 0.8             | 0.9       | 0.9            | < 0.8   | < 0.8          | 1       |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9     | < 0.9          | < 0.9   | < 0.9          | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 8/22/2019      |         |           | 8/21/2019        |         | 8/20/2019        |         | 8/19/2019      |         | 8/16/2019        |           |         |    |
|------------------------|-----------------------------|----------------|---------|-----------|------------------|---------|------------------|---------|----------------|---------|------------------|-----------|---------|----|
|                        | Location ID                 | FD01           | FD02    |           | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             |           | FD02    |    |
|                        | Sample Exposure Time        | 24             |         | 24        |                  | 24      | 24               | 24      | 24             | 24      | 24               | 24        |         | 24 |
|                        | Average Wind Dir/Speed/Temp | W/4.1 mph/91°F |         |           | SSW/4.0 mph/88°F |         | ESE/2.6 mph/89°F |         | S/4.0 mph/90°F |         | ESE/2.2 mph/82°F |           |         |    |
|                        | Sample Type                 | Primary        | Primary | Duplicate | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary          | Duplicate | Primary |    |
| Risk Screening Level   |                             |                |         |           |                  |         |                  |         |                |         |                  |           |         |    |
| 24-hour exposure       |                             |                |         |           |                  |         |                  |         |                |         |                  |           |         |    |
| Arsenic                | 0.037                       | NS             | NS      | NS        | NS               | NS      | < 0.0090         | NS      | NS             | NS      | NS               | NS        | NS      |    |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1       | < 1     |    |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1            | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1       | < 1     |    |
| Benzene                | 4.68                        | < 0.6          | < 0.6   | < 0.6     | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6     | < 0.6   |    |
| Ethylbenzene           | 14.6                        | < 0.9          | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9   |    |
| Isopropylbenzene       | 417                         | < 1            | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1       | < 1     |    |
| Naphthalene            | 3.13                        | < 1            | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1       | < 1     |    |
| n-Propylbenzene        | 1,040                       | < 1            | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1       | < 1     |    |
| Toluene                | 5,210                       | < 0.8          | < 0.8   | < 0.8     | 0.9              | 1       | 0.9              | 0.9     | 1              | 1       | 0.9              | 0.9       | 0.9     |    |
| Xylenes, Total         | 104                         | < 0.9          | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9     | < 0.9   |    |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 8/15/2019        |           | 8/14/2019        |         | 8/13/2019        |         |           | 8/12/2019        |         | 8/9/2019         |         |           |       |
|------------------------|--|------------------|-----------|------------------|---------|------------------|---------|-----------|------------------|---------|------------------|---------|-----------|-------|
|                        |  | FD01             | FD02      | FD01             | FD02    | FD01             | FD02    |           | FD01             | FD02    | FD01             | FD02    |           |       |
|                        |  | 24               | 24        | 24               | 24      | 24               | 24      |           | 24               | 24      | 24               | 24      |           |       |
|                        |  | ESE/3.5 mph/86°F |           | ENE/3.0 mph/87°F |         | SSW/2.6 mph/81°F |         |           | WSW/4.3 mph/87°F |         | WNN/4.2 mph/83°F |         |           |       |
|                        |  | Primary          | Duplicate | Primary          | Primary | Primary          | Primary | Duplicate | Primary          | Primary | Primary          | Primary | Duplicate |       |
| Arsenic                | 0.037  | < 0.0089         | < 0.0089  | NS               | NS      | NS               | NS      | NS        | NS               | NS      | NS               | NS      | NS        | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | NS        | < 1              | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1       | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | NS        | < 1              | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1       | < 1   |
| Benzene                | 4.68   | < 0.6            | NS        | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6     | < 0.6            | 0.7     | < 0.6            | < 0.6   | < 0.6     | < 0.6 |
| Ethylbenzene           | 14.6   | < 0.9            | NS        | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9 |
| Isopropylbenzene       | 417  | < 1              | NS        | < 1              | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1       | < 1   |
| Naphthalene            | 3.13   | < 1              | NS        | < 1              | < 1     | < 1              | < 1     | < 1       | < 1              | 1       | < 1              | < 1     | < 1       | < 1   |
| n-Propylbenzene        | 1,040  | < 1              | NS        | < 1              | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1       | < 1   |
| Toluene                | 5,210  | < 0.8            | NS        | < 0.8            | 1       | 1                | 1       | 1         | 1                | 1       | 1                | 1       | 1         | 1     |
| Xylenes, Total         | 104  | < 0.9            | NS        | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 8/8/2019         |         | 8/7/2019       |         | 8/6/2019         |         | 8/5/2019       |         | 8/2/2019         |         | 8/1/2019       |         |
|------------------------|--|------------------|---------|----------------|---------|------------------|---------|----------------|---------|------------------|---------|----------------|---------|
|                        |  | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01           | FD02    |
|                        |  | 24               | 24      | 24             | 24      | 24               | 24      | 24             | 24      | 24               | 24      | 24             | 24      |
|                        |  | SSW/4.6 mph/87°F |         | S/5.0 mph/84°F |         | ESE/3.6 mph/81°F |         | E/2.7 mph/85°F |         | ESE/2.8 mph/87°F |         | E/2.7 mph/88°F |         |
|                        |  | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary        | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS             | NS      | NS               | NS      | < 0.0086       | NS      | NS               | NS      | NS             | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | 12      | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | 2       | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | 0.7            | 1       |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | 1              | < 1     | 1                | < 1     | 1              | 1       |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1            | < 1     |
| Toluene                | 5,210  | 1                | 2       | 0.9            | 1       | 0.9              | 0.9     | 1              | 1       | 1                | 1       | 1              | 2       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9          | 2       |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/31/2019        |         |           | 7/30/2019      |         |           | 7/29/2019        |         |           | 7/26/2019        |         | 7/25/2019        |         |
|------------------------|--|------------------|---------|-----------|----------------|---------|-----------|------------------|---------|-----------|------------------|---------|------------------|---------|
|                        |  | FD01             | FD02    |           | FD01           | FD02    |           | FD01             | FD02    |           | FD01             | FD02    | FD01             | FD02    |
|                        |  | 24               | 24      |           | 24             | 24      |           | 24               | 24      |           | 24               | 24      | 24               | 24      |
|                        |  | SSW/3.1 mph/90°F |         |           | S/4.7 mph/92°F |         |           | SSW/4.2 mph/93°F |         |           | ESE/2.8 mph/89°F |         | ENE/3.1 mph/87°F |         |
|                        |  | Primary          | Primary | Duplicate | Primary        | Primary | Duplicate | Primary          | Primary | Duplicate | Primary          | Primary | Primary          | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS        | < 0.0087       | NS      | NS        | NS               | NS      | NS        | NS               | NS      | NS               |         |
| 1,2,4-Trimethylbenzene | 62.6   | 1                | 1       | < 1       | < 1            | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              |         |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1       | < 1            | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              |         |
| Benzene                | 4.68   | 2                | 2       | 2         | < 0.6          | < 0.6   | < 0.6     | 0.9              | 1       | 0.6       | 0.7              | < 0.6   | 0.7              |         |
| Ethylbenzene           | 14.6   | < 0.9            | 1       | 1         | < 0.9          | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            |         |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1       | < 1            | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              |         |
| Naphthalene            | 3.13   | 1                | 6       | 7         | < 1            | 1       | 2         | 7                | 7       | < 1       | 3                | 3       | < 1              |         |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1       | < 1            | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              |         |
| Toluene                | 5,210  | 2                | 3       | 3         | 1              | 1       | 1         | 2                | 2       | 1         | 2                | 1       | 2                |         |
| Xylenes, Total         | 104  | < 0.9            | 4       | 3         | < 0.9          | < 0.9   | < 0.9     | < 0.9            | 2       | < 0.9     | < 0.9            | < 0.9   | < 0.9            |         |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/24/2019        |         | 7/23/2019        |         | 7/22/2019       |         | 7/19/2019      |           | 7/18/2019        |         | 7/17/2019        |         |
|------------------------|--|------------------|---------|------------------|---------|-----------------|---------|----------------|-----------|------------------|---------|------------------|---------|
|                        |  | FD01             | FD02    | FD01             | FD02    | FD01            | FD02    | FD01           | FD02      | FD01             | FD02    | FD01             | FD02    |
|                        |  | 24               | 24      | 24               | 24      | 24              | 24      | 24             | 24        | 24               | 24      | 24               | 24      |
|                        |  | ENE/2.7 mph/86°F |         | NNE/3.1 mph/76°F |         | SE/4.9 mph/90°F |         | S/4.1 mph/90°F |           | ENE/1.7 mph/80°F |         | SSW/4.2 mph/94°F |         |
|                        |  | Primary          | Primary | Primary          | Primary | Primary         | Primary | Primary        | Duplicate | Primary          | Primary | Primary          | Primary |
| Arsenic                | 0.037  | < 0.0086         | NS      | NS               | NS      | NS              | NS      | 0.01           | NS        | NS               | NS      | NS               | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | 49               | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | 7                | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6           | < 0.6   | < 0.6          | < 0.6     | < 0.6            | < 0.6   | < 0.6            | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1     | < 1             | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     |
| Naphthalene            | 3.13   | < 1              | 2       | < 1              | < 1     | 1               | < 1     | 1              | < 1       | < 1              | 1       | < 1              | < 1     |
| n-Propylbenzene        | 1,040  | 1                | < 1     | 1                | < 1     | < 1             | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     |
| Toluene                | 5,210  | 2                | 2       | 1                | 0.9     | 1               | 1       | 1              | 1         | 1                | 1       | 1                | 2       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/16/2019       |         | 7/15/2019        |         |           | 7/12/2019        |         |           | 7/11/2019        |          | 7/10/2019      |         |           |
|------------------------|--|-----------------|---------|------------------|---------|-----------|------------------|---------|-----------|------------------|----------|----------------|---------|-----------|
|                        |  | FD01            | FD02    | FD01             | FD02    |           | FD01             | FD02    |           | FD01             | FD02     | FD01           | FD02    |           |
|                        |  | 24              | 24      | 24               | 24      |           | 24               | 24      |           | 24               | 24       | 24             | 24      |           |
|                        |  | SW/4.4 mph/92°F |         | WNW/3.6 mph/88°F |         |           | WNW/5.5 mph/88°F |         |           | SSE/5.6 mph/86°F |          | W/3.6 mph/91°F |         |           |
|                        |  | Primary         | Primary | Primary          | Primary | Duplicate | Primary          | Primary | Duplicate | Primary          | Primary  | Primary        | Primary | Duplicate |
| Arsenic                | 0.037  | NS              | NS      | NS               | NS      | NS        | NS               | NS      | NS        | NS               | < 0.0088 | NS             | NS      |           |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1      | < 1            | < 1     |           |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1      | < 1            | < 1     |           |
| Benzene                | 4.68   | < 0.6           | < 0.6   | < 0.6            | < 0.6   | < 0.6     | < 0.6            | < 0.6   | < 0.6     | < 0.6            | < 0.6    | < 0.6          | < 0.6   |           |
| Ethylbenzene           | 14.6   | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9    | < 0.9          | < 0.9   |           |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1      | < 1            | < 1     |           |
| Naphthalene            | 3.13   | 1               | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | 1         | < 1              | 3        | < 1            | < 1     |           |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1              | < 1     | < 1       | < 1              | < 1     | < 1       | < 1              | < 1      | < 1            | < 1     |           |
| Toluene                | 5,210  | 1               | 1       | 1                | 1       | 1         | 0.8              | < 0.8   | < 0.8     | 0.9              | 1        | 1              | 0.9     |           |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9    | < 0.9          | < 0.9   |           |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 7/9/2019        |         | 7/8/2019       |           | 7/3/2019       |         | 7/2/2019       |          |           | 7/1/2019         |         |           |       |
|------------------------|--|-----------------|---------|----------------|-----------|----------------|---------|----------------|----------|-----------|------------------|---------|-----------|-------|
|                        |  | FD01            | FD02    | FD01           | FD02      | FD01           | FD02    | FD01           | FD02     |           | FD01             | FD02    |           |       |
|                        |  | 24              | 24      | 24             | 24        | 24             | 24      | 24             | 24       |           | 24               | 24      |           |       |
|                        |  | NW/3.4 mph/89°F |         | E/2.1 mph/80°F |           | E/2.2 mph/90°F |         | W/3.7 mph/89°F |          |           | NNE/3.7 mph/90°F |         |           |       |
|                        |  | Primary         | Primary | Primary        | Duplicate | Primary        | Primary | Primary        | Primary  | Duplicate | Primary          | Primary | Duplicate |       |
| Arsenic                | 0.037  | NS              | NS      | NS             | NS        | NS             | NS      | NS             | < 0.0086 | NS        | NS               | NS      | NS        | NS    |
| 1,2,4-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1       | < 1            | < 1     | < 1            | < 1      | < 1       | < 1              | < 1     | < 1       | < 1   |
| 1,3,5-Trimethylbenzene | 62.6   | < 1             | < 1     | < 1            | < 1       | < 1            | < 1     | < 1            | < 1      | < 1       | < 1              | < 1     | < 1       | < 1   |
| Benzene                | 4.68   | 0.7             | 0.7     | 0.8            | 0.8       | < 0.6          | 1       | 0.8            | < 0.6    | < 0.6     | < 0.6            | < 0.6   | < 0.6     | < 0.6 |
| Ethylbenzene           | 14.6   | 0.9             | < 0.9   | < 0.9          | < 0.9     | < 0.9          | 0.9     | < 0.9          | < 0.9    | < 0.9     | < 0.9            | < 0.9   | < 0.9     | < 0.9 |
| Isopropylbenzene       | 417  | < 1             | < 1     | < 1            | < 1       | < 1            | < 1     | < 1            | < 1      | < 1       | < 1              | < 1     | < 1       | < 1   |
| Naphthalene            | 3.13   | 1               | 1       | 1              | 2         | < 1            | 5       | < 1            | 1        | 1         | < 1              | < 1     | 2         | < 1   |
| n-Propylbenzene        | 1,040  | < 1             | < 1     | < 1            | < 1       | < 1            | < 1     | < 1            | < 1      | < 1       | < 1              | < 1     | < 1       | < 1   |
| Toluene                | 5,210  | 2               | 3       | 2              | 2         | 1              | 3       | 2              | 1        | 1         | 1                | 0.8     | 0.8       | 0.8   |
| Xylenes, Total         | 104  | < 0.9           | < 0.9   | < 0.9          | < 0.9     | < 0.9          | 3       | < 0.9          | < 0.9    | < 0.9     | < 0.9            | < 0.9   | < 0.9     | < 0.9 |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/28/2019        |         | 6/27/2019       |           |         |           | 6/26/2019        |         |           | 6/25/2019      |           |         |
|------------------------|--|------------------|---------|-----------------|-----------|---------|-----------|------------------|---------|-----------|----------------|-----------|---------|
|                        |  | FD01             | FD02    | FD01            |           | FD02    |           | FD01             | FD02    |           | FD01           | FD02      |         |
|                        |  | 24               | 24      | 24              |           | 24      |           | 24               | 24      |           | 24             | 24        |         |
|                        |  | ESE/2.8 mph/95°F |         | NW/4.4 mph/91°F |           |         |           | WNW/3.2 mph/91°F |         |           | S/3.1 mph/86°F |           |         |
|                        |  | Primary          | Primary | Primary         | Duplicate | Primary | Duplicate | Primary          | Primary | Duplicate | Primary        | Duplicate | Primary |
| Arsenic                | 0.037  | NS               | NS      | < 0.0088        | < 0.0088  | NS      | NS        | NS               | NS      | NS        | NS             | NS        | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | NS        | < 1     | < 1       | < 1              | < 1     | < 1       | < 1            | < 1       | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | NS        | < 1     | < 1       | < 1              | < 1     | < 1       | < 1            | < 1       | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6           | NS        | < 0.6   | < 0.6     | 2                | < 0.6   | < 0.6     | 1              | 1         | 0.9     |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | NS        | < 0.9   | < 0.9     | 1                | < 0.9   | < 0.9     | < 0.9          | < 0.9     | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | NS        | < 1     | < 1       | < 1              | < 1     | < 1       | < 1            | < 1       | < 1     |
| Naphthalene            | 3.13   | 4                | < 1     | < 1             | NS        | 2       | 1         | 3                | 1       | 1         | 2              | 2         | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | NS        | < 1     | < 1       | < 1              | < 1     | < 1       | < 1            | < 1       | < 1     |
| Toluene                | 5,210  | 1                | 1       | 2               | NS        | 1       | 1         | 2                | 1       | 1         | 2              | 2         | 2       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | NS        | < 0.9   | < 0.9     | 4                | < 0.9   | < 0.9     | < 0.9          | < 0.9     | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/24/2019        |         | 6/21/2019        |         | 6/20/2019      |           | 6/19/2019        |         | 6/18/2019        |         |         |           |         |
|------------------------|--|------------------|---------|------------------|---------|----------------|-----------|------------------|---------|------------------|---------|---------|-----------|---------|
|                        |  | FD01             | FD02    | FD01             | FD02    | FD01           | FD02      | FD01             | FD02    | FD01             | FD02    |         |           |         |
|                        |  | 24               | 24      | 24               | 24      | 24             | 24        | 24               | 24      | 24               | 24      |         |           |         |
|                        |  | SSW/3.3 mph/86°F |         | NNW/4.7 mph/80°F |         | E/1.6 mph/82°F |           | ESE/2.8 mph/73°F |         | SSE/1.9 mph/75°F |         |         |           |         |
|                        |  | Primary          | Primary | Primary          | Primary | Primary        | Duplicate | Primary          | Primary | Duplicate        | Primary | Primary | Duplicate | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS               | NS      | NS             | NS        | NS               | NS      | NS               | NS      | NS      | NS        | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | 1                | < 1     | < 1              | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     | < 1     | < 1       | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1              | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     | < 1     | < 1       | < 1     |
| Benzene                | 4.68   | 2                | < 0.6   | < 0.6            | < 0.6   | 0.9            | 0.9       | 1                | < 0.6   | < 0.6            | < 0.6   | 0.6     | < 0.6     | < 0.6   |
| Ethylbenzene           | 14.6   | 2                | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9   | < 0.9     | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     | < 1     | < 1       | < 1     |
| Naphthalene            | 3.13   | 4                | < 1     | 1                | < 1     | 1              | < 1       | < 1              | 1       | < 1              | < 1     | 1       | < 1       | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1              | < 1     | < 1            | < 1       | < 1              | < 1     | < 1              | < 1     | < 1     | < 1       | < 1     |
| Toluene                | 5,210  | 3                | 1       | 1                | 1       | 2              | 2         | 3                | 2       | 1                | 4       | 2       | 2         | 2       |
| Xylenes, Total         | 104  | 4                | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9     | < 0.9            | < 0.9   | < 0.9            | 3       | < 0.9   | < 0.9     | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/17/2019        |         |           | 6/14/2019        |         | 6/13/2019        |         | 6/12/2019        |          | 6/11/2019       | 6/10/2019 |                |           |         |
|------------------------|--|------------------|---------|-----------|------------------|---------|------------------|---------|------------------|----------|-----------------|-----------|----------------|-----------|---------|
|                        |  | FD01             | FD02    |           | FD01             | FD02    | FD01             | FD02    | FD01             | FD02     | FD01            | FD01      |                | FD02      |         |
|                        |  | 24               | 24      |           | 24               | 24      | 24               | 24      | 24               | 24       | 24              | 24        |                | 24        |         |
|                        |  | ENE/1.9 mph/77°F |         |           | WSW/5.6 mph/72°F |         | ENE/5.4 mph/67°F |         | ESE/3.5 mph/77°F |          | NW/7.1 mph/78°F |           | E/4.6 mph/67°F |           |         |
|                        |  | Primary          | Primary | Duplicate | Primary          | Primary | Primary          | Primary | Primary          | Primary  | Primary         | Primary   | Primary        | Duplicate | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS        | NS               | NS      | NS               | NS      | NS               | < 0.0088 | NS              | NS        | NS             |           |         |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1              | 1        | NS              | < 1       | < 1            |           |         |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1              | NS       | < 1             | < 1       | < 1            |           |         |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6     | 0.7              | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6    | NS              | 0.7       | 0.7            |           |         |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | 1        | NS              | < 0.9     | < 0.9          |           |         |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | NS              | < 1       | < 1            |           |         |
| Naphthalene            | 3.13   | 1                | < 1     | < 1       | 1                | < 1     | < 1              | 1       | < 1              | 2        | NS              | 1         | < 1            |           |         |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1       | < 1              | < 1     | < 1              | < 1     | < 1              | < 1      | NS              | < 1       | < 1            |           |         |
| Toluene                | 5,210  | 1                | 1       | 1         | 1                | 1       | 0.9              | 1       | 1                | 1        | NS              | 2         | 2              |           |         |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9     | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9    | NS              | 3         | 2              |           |         |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 6/7/2019       |           | 6/6/2019         |          | 6/5/2019 |                |           | 6/4/2019 |                  | 6/3/2019 |                  |  |
|------------------------|--|----------------|-----------|------------------|----------|----------|----------------|-----------|----------|------------------|----------|------------------|--|
|                        |  | FD01           | FD02      | FD01             | FD02     | FD01     | FD02           |           | FD01     | FD02             | FD01     | FD02             |  |
|                        |  | 24             | 24        | 24               | 24       | 24       | 24             |           | 24       | 24               | 24       | 24               |  |
|                        |  | E/2.4 mph/84°F |           | NNW/4.3 mph/85°F |          |          | S/4.0 mph/82°F |           |          | WSW/4.5 mph/72°F |          | WNW/5.9 mph/72°F |  |
|                        |  | Primary        | Duplicate | Primary          | Primary  | Primary  | Primary        | Duplicate | Primary  | Primary          | Primary  | Primary          |  |
| Arsenic                | 0.037  | NS             | NS        | NS               | < 0.0085 | NS       | NS             | NS        | NS       | NS               | NS       | NS               |  |
| 1,2,4-Trimethylbenzene | 62.6   | < 1            | < 1       | < 1              | < 1      | < 1      | < 1            | < 1       | < 1      | < 1              | < 1      | < 1              |  |
| 1,3,5-Trimethylbenzene | 62.6   | < 1            | < 1       | < 1              | < 1      | < 1      | < 1            | < 1       | < 1      | < 1              | < 1      | < 1              |  |
| Benzene                | 4.68   | 1              | 1         | 0.7              | 1        | < 0.6    | 0.7            | < 0.6     | < 0.6    | 1                | 0.7      | 0.7              |  |
| Ethylbenzene           | 14.6   | < 0.9          | < 0.9     | < 0.9            | < 0.9    | < 0.9    | < 0.9          | < 0.9     | < 0.9    | < 0.9            | < 0.9    | 1                |  |
| Isopropylbenzene       | 417  | < 1            | < 1       | < 1              | < 1      | < 1      | < 1            | < 1       | < 1      | < 1              | < 1      | < 1              |  |
| Naphthalene            | 3.13   | 4              | 4         | < 1              | < 1      | < 1      | 3              | < 1       | < 1      | 6                | 3        | < 1              |  |
| n-Propylbenzene        | 1,040  | < 1            | < 1       | < 1              | < 1      | < 1      | < 1            | < 1       | < 1      | < 1              | < 1      | < 1              |  |
| Toluene                | 5,210  | 2              | 2         | 2                | 1        | 2        | 1              | 1         | 1        | 2                | 1        | 1                |  |
| Xylenes, Total         | 104  | 3              | 2         | < 0.9            | < 0.9    | 2        | < 0.9          | < 0.9     | < 0.9    | < 0.9            | < 0.9    | < 0.9            |  |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 5/31/2019        |         | 5/30/2019        |         | 5/29/2019      |         | 5/28/2019        |         | 5/21/2019       |         | 5/20/2019       |         |
|------------------------|-----------------------------|------------------|---------|------------------|---------|----------------|---------|------------------|---------|-----------------|---------|-----------------|---------|
|                        | Location ID                 | FD01             | FD02    | FD01             | FD02    | FD01           | FD02    | FD01             | FD02    | FD01            | FD02    | FD01            | FD02    |
|                        | Sample Exposure Time        | 24               | 24      | 24               | 24      | 24             | 24      | 24               | 24      | 24              | 24      | 24              | 24      |
|                        | Average Wind Dir/Speed/Temp | WNW/4.1 mph/81°F |         | SSE/3.4 mph/70°F |         | E/3.5 mph/70°F |         | ESE/4.5 mph/68°F |         | NW/7.8 mph/72°F |         | SW/5.6 mph/88°F |         |
|                        | Sample Type                 | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary          | Primary | Primary         | Primary | Primary         | Primary |
| Risk Screening Level   |                             |                  |         |                  |         |                |         |                  |         |                 |         |                 |         |
| 24-hour exposure       |                             |                  |         |                  |         |                |         |                  |         |                 |         |                 |         |
| Arsenic                | 0.037                       | NS               | NS      | NS               | NS      | NS             | NS      | NS               | NS      | NS              | NS      | NS              | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     |
| Benzene                | 4.68                        | 0.7              | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | 0.7     | < 0.6           | < 0.6   | < 0.6           | < 0.6   |
| Ethylbenzene           | 14.6                        | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   |
| Isopropylbenzene       | 417                         | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     |
| Naphthalene            | 3.13                        | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     |
| n-Propylbenzene        | 1,040                       | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     | < 1              | < 1     | < 1             | < 1     | < 1             | < 1     |
| Toluene                | 5,210                       | 1                | 1       | 2                | 2       | 1              | 1       | < 0.8            | 2       | < 0.8           | < 0.8   | < 0.8           | < 0.8   |
| Xylenes, Total         | 104                         | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

2019-2020 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 5/16/2019        |         | 5/15/2019       |         | 5/14/2019      |         | 5/13/2019      |         | 5/10/2019        |         | 5/9/2019         |         | 5/8/2019       |         |         |
|------------------------|--|------------------|---------|-----------------|---------|----------------|---------|----------------|---------|------------------|---------|------------------|---------|----------------|---------|---------|
|                        |  | FD01             | FD02    | FD01            | FD02    | FD01           | FD02    | FD01           | FD02    | FD02             | FD01    | FD02             | FD01    | FD02           | FD01    | FD02    |
|                        |  | 24               | 24      | 24              | 24      | 24             | 24      | 24             | 24      | 24               | 24      | 24               | 24      | 24             | 24      | 24      |
|                        |  | WNW/4.0 mph/74°F |         | NW/5.2 mph/70°F |         | E/1.7 mph/51°F |         | E/5.2 mph/49°F |         | SSE/3.4 mph/72°F |         | ESE/5.2 mph/61°F |         | E/2.8 mph/71°F |         |         |
|                        |  | Primary          | Primary | Primary         | Primary | Primary        | Primary | Primary        | Primary | Primary          | Primary | Primary          | Primary | Primary        | Primary | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS              | NS      | NS             | NS      | NS             | NS      | NS               | NS      | NS               | NS      | NS             | NS      |         |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     |         |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     |         |
| Benzene                | 4.68   | 0.7              | 0.7     | < 0.6           | < 0.6   | 0.7            | < 0.6   | < 0.6          | < 0.6   | < 0.6            | < 0.6   | < 0.6            | < 0.6   | < 0.6          | < 0.6   |         |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   |         |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     |         |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     |         |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1             | < 1     | < 1            | < 1     | < 1            | < 1     | < 1              | < 1     | < 1              | < 1     | < 1            | < 1     |         |
| Toluene                | 5,210  | 2                | 2       | 1               | 0.9     | 2              | 1       | < 0.8          | < 0.8   | 1                | < 0.8   | 0.9              | 1       | 1              | 1       |         |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   | < 0.9          | < 0.9   | < 0.9            | < 0.9   | < 0.9            | < 0.9   | < 0.9          | < 0.9   |         |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.



**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date<br>Location ID<br>Sample Exposure Time<br>Average Wind Dir/Speed/Temp<br>Sample Type<br>Risk Screening Level<br>24-hour exposure | 5/7/2019         |         | 5/6/2019       |         | 5/2/2019        |         |           | 5/1/2019        |         | 4/30/2019        |           |         |
|------------------------|--|------------------|---------|----------------|---------|-----------------|---------|-----------|-----------------|---------|------------------|-----------|---------|
|                        |  | FD01             | FD02    | FD01           | FD02    | FD01            | FD02    |           | FD01            | FD02    | FD01             |           | FD02    |
|                        |  | 24               | 24      | 24             | 24      | 24              | 24      |           | 24              | 24      | 24               |           | 24      |
|                        |  | SSE/4.2 mph/69°F |         | E/3.1 mph/74°F |         | SE/2.9 mph/78°F |         |           | SE/4.9 mph/55°F |         | ESE/1.9 mph/61°F |           |         |
|                        |  | Primary          | Primary | Primary        | Primary | Primary         | Primary | Duplicate | Primary         | Primary | Primary          | Duplicate | Primary |
| Arsenic                | 0.037  | NS               | NS      | NS             | NS      | NS              | NS      | NS        | NS              | NS      | NS               | NS        | NS      |
| 1,2,4-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     | < 1              | < 1       | < 1     |
| 1,3,5-Trimethylbenzene | 62.6   | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     | < 1              | < 1       | < 1     |
| Benzene                | 4.68   | < 0.6            | < 0.6   | < 0.6          | < 0.6   | < 0.6           | < 0.6   | < 0.6     | < 0.6           | < 0.6   | 0.7              | < 0.6     | < 0.6   |
| Ethylbenzene           | 14.6   | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9           | < 0.9   | < 0.9            | < 0.9     | < 0.9   |
| Isopropylbenzene       | 417  | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     | < 1              | < 1       | < 1     |
| Naphthalene            | 3.13   | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     | < 1              | < 1       | < 1     |
| n-Propylbenzene        | 1,040  | < 1              | < 1     | < 1            | < 1     | < 1             | < 1     | < 1       | < 1             | < 1     | < 1              | < 1       | < 1     |
| Toluene                | 5,210  | 2                | 1       | 1              | 1       | 1               | 1       | 1         | 26 E            | 1       | 1                | 1         | 1       |
| Xylenes, Total         | 104  | < 0.9            | < 0.9   | < 0.9          | < 0.9   | < 0.9           | < 0.9   | < 0.9     | < 0.9           | < 0.9   | < 0.9            | < 0.9     | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.

**2019-2020 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Locations

Edgewater, New Jersey

| Analyte                | Sample Date                 | 4/29/2019       |         | 4/25/2019       |         | 4/24/2019       |         | 4/23/2019      |         |
|------------------------|-----------------------------|-----------------|---------|-----------------|---------|-----------------|---------|----------------|---------|
|                        | Location ID                 | FD01            | FD02    | FD01            | FD02    | FD01            | FD02    | FD01           | FD02    |
|                        | Sample Exposure Time        | 24              |         | 24              |         | 24              |         | 24             |         |
|                        | Average Wind Dir/Speed/Temp | SE/3.0 mph/59°F |         | SE/2.9 mph/63°F |         | NW/7.9 mph/68°F |         | S/3.7 mph/75°F |         |
|                        | Sample Type                 | Primary         | Primary | Primary         | Primary | Primary         | Primary | Primary        | Primary |
| Risk Screening Level   |                             |                 |         |                 |         |                 |         |                |         |
| 24-hour exposure       |                             |                 |         |                 |         |                 |         |                |         |
| Arsenic                | 0.037                       | NS              | NS      | NS              | NS      | NS              | NS      | NS             | NS      |
| 1,2,4-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     |
| 1,3,5-Trimethylbenzene | 62.6                        | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     |
| Benzene                | 4.68                        | < 0.6           | < 0.6   | < 0.6           | < 0.6   | 2               | 0.7     | 0.7            | 0.6     |
| Ethylbenzene           | 14.6                        | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9           | < 0.9   | < 0.9          | < 0.9   |
| Isopropylbenzene       | 417                         | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     |
| Naphthalene            | 3.13                        | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     |
| n-Propylbenzene        | 1,040                       | < 1             | < 1     | < 1             | < 1     | < 1             | < 1     | < 1            | < 1     |
| Toluene                | 5,210                       | < 0.8           | < 0.8   | 1               | 1       | 5               | 0.8     | 2              | 1       |
| Xylenes, Total         | 104                         | < 0.9           | < 0.9   | < 0.9           | < 0.9   | 2               | < 0.9   | < 0.9          | < 0.9   |

Notes:

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

> - below analytical reporting limit (shown).

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

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

NS = not sampled / data not yet available.