| | Surv | ey Date | | | | | | | | | | | | 12/01 | 1/2017 | | | | | | | | | | |
|--------------------|----------------------|---|--|--------|--------|------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| C | onstruct | ion Activity TIDO - Timber Dolphin Removal Comments | | | | | | | | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fl | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 146 | | | | | | | | | | |
| San Loca | tion | | Upcurrent (Ambient) | | | | | | | | | | | | | | | l | Downcur | rent | | | | | |
| Distar Sou | | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 150 ft | 2 | | | | | |
| Samp | ole ID | | 120117-TIDO-F-U | | | | | | | | | | | | | | | 12 | 0117-TID | O-F-D | | | | | |
| Sample | e Time | | | | | | 08:49 | | | | | | | | | | | | 08:36 | | | | | | |
| | | _ | | | | | | | P | В | ı | o. | ne | _ | | | | | | | P | СВ | ı | 0 | ne |
| ratamered | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| (ppb) | | | | | |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 |
| Water of | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | - | 16 | 0.0006 |
| esult⁴ | s | 25 | 25 ND | | | | | | | | | | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 36.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/0 | 1/2017 | | | | | | | | | | |
|--------------------------------|---------|------------------------------|---------|--------|--------|------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Ves | sel Based | t | | | | | | | | | |
| Co | nstruct | ion Activ | ity | FOP | | ındatio noval | n Pile | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | Ebb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ве | nt 26 | | | | | | | | | | |
| Sam Loca | | | | | | Upcur | rent (A | mbier | nt) | | | | | | | | | ı | Downcur | rent | | | | | |
| Distan Sou | | | | | | Approx | k. 500 - | 1000 | ft¹ | | | | | | | | | | 200 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 1201 | 17-FO | PI-E-U | ı | | | | | | | | | 12 | 0117-FOF | PI-E-D | | | | | |
| Sample | Time | | | | | | 11:38 | 3 | | | | | | | | | | | 11:27 | | | | | | |
| | | - | | | | | | | | СВ | Ι _ | ē | ene | - | | | | | | | | СВ | | e | ene |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | | (ppb) | | | | | • | (ppm) | | | | • | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water C | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | - | 1 | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | - | - | 16 | 0.0006 |
| sult ⁴ | s | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analytical Result ⁴ | М | 56 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 74.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | | | | | | NS | | | | | | | | | | | | NS | | | | | | |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surv | ey Date | | | | | | | | | | | | 12/ | 4/17 | | | | | | | | | | |
|--------------------|----------------------|---|-----------------|--------|--------|------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activity FOPI- Foundation Pile Removal Comments | | | | | | | | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 26 | | | | | | | | | | |
| San Loca | ition | Upcurrent (Ambient) | | | | | | | | | | | | | | | l | Downcur | rent | | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 180 ft ² | 2 | | | | | | |
| Samp | ole ID | | 120417-FOPI-F-U | | | | | | | | | | | | | | | 12 | 0417-FOF | PI-F-D | | | | | |
| Sampl | e Time | | | | | | 11:34 | | | | | | | | | | | | 11:19 | | | | | | |
| | | 11:34 PCB © © | | | | | | | | | | | | | | | | | | | PC | СВ | ı | o. | ne |
| O retorned | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water of Stand | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | ı | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | - | - | 16 | 0.0006 |
| esult⁴ | s | 49 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 82 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 51 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 180 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/ | 4/17 | | | | | | | | | | |
|--------------------|----------------------|--|---------|--------|--------|------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| C | onstruct | on Activity TIDO - Timber Dolphin Removal Comments de | | | | | | | | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 55 | | | | | | | | | | |
| San Loca | ition | Upcurrent (Ambient) | | | | | | | | | | | | | | | | ı | Downcur | rent | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 130 ft ² | 2 | | | | | | |
| Samp | ole ID | 120417-TIDO-F-U | | | | | | | | | | | | | | | | 12 | 0417-TID | O-F-D | | | | | |
| Sample | e Time | | | | | | 12:00 | | | | | | | | | | | | 11:46 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | PC | В | | Ф | ne |
| rotomered | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | | | | (| ppb) | | | | • | | (ppm) | | | | | | (ppb) | | | | | • |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water (| - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| esult⁴ | s | 51 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 72 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | · ——— | | | NS | | | | | | |
| Analy | В | 64.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 111 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/ | 4/17 | | | | | | | | | | |
|--------------------|----------------------|-------------------------------------|---------|--------|--------|------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------------------|-------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activity JETT- Jetting Comments | | | | | | | | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 166 | | | | | | | | | | |
| San Loca | ition | Upcurrent (Ambient) | | | | | | | | | | | | | | | ı | Downcur | rent | | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 500 ft ² | 2 | | | | | | |
| Samp | ole ID | 120417-JETT-E-U | | | | | | | | | | | | | | | 12 | 0417-JET | T-E-D | | | | | | |
| Sampl | e Time | | | | | | 12:57 | | | | | | | | | | | | 12:39 | | | | | | |
| | | 12:57 PCB g | | | | | | | | | | | | | | | | | | | PO | СВ | | | ne |
| Dorogon | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| Water of Stand | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | - | ı | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | - | - | 16 | 0.0006 |
| esult⁴ | s | 40 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 74 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | · ——— | | | NS | | • — | | | | |
| Analy | В | 52.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 52.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/05 | 5/2017 | | | | | | | | | | |
|--------------------------------|----------------------|--|---------|--------|--------|----------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | | JETT | - Jettir | ıg | | Com | nents | | | | | | | | | | | | | | | |
| | - | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 166 | | | | | | | | | | |
| San Loca | ition | Upcurrent (Ambient) | | | | | | | | | | | | | | | | | Downcur | rent | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samp | ole ID | Approx. 500 - 1000 ft ⁻ 120517-JETT-F-U | | | | | | | | | | | | | | | | 12 | 0517-JET | T-F-D | | | | | |
| Sample | e Time | | | | | | 09:40 | | | | | | | | | | | | 09:13 | 1 | | | | | |
| | | | | | | | | | P | В | | ø | ne | _ | | | | | | | P | СВ | | Φ | ne |
| Darameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water (| | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| esult4 | s | 116 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 144 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | 127 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 170 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 131 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 201 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surv | ey Date | | | | | | | | | | | | 12/05 | 5/2017 | | | | | | | | | | |
|--------------------|----------------------|------------------------------------|--------------------------|--------|--------|-----------------|--------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fl | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 52 | | | | | | | | | | |
| San Loca | | Upcurrent (Ambient) | | | | | | | | | | | | | | | | ı | Downcur | rent | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | | 120 ft ² | 2 | | | | | |
| Samp | ole ID | 120517-TIDO-F-U | | | | | | | | | | | | | | | | 12 | 0517-TID | O-F-D | | | | | |
| Sampl | e Time | | 120517-11DO-F-U 10:14 | | | | | | | | | | | | | | | | 09:59 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | PC | СВ | | σ. | ne |
| Daramotor | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| (ppb) | | | | | • |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water of Stand | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | 1 | ı | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | 1 | - | 16 | 0.0006 |
| sulf ⁴ | s | 105 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 158 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 189 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 134 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/05 | 5/2017 | | | | | | | | | | |
|--------------------|----------------------|------------------------------|------------------------------------|--------|--------|------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activ | ity | FOR | | undatio moval | n Pile | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fl | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 26 | | | | | | | | | | |
| Sam Loca | tion | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | |
| Distan Sou | | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 155 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 120 | 517-FOF | PI-F-U | | | | | | | | | | 12 | 0517-FOI | PI-F-D | | | | | |
| Sample | e Time | | | | | | 10:54 | | | | | | | | | | | | 10:36 | i | | | | | |
| | | | | | | | | | P | В | | | ne | | | | | | | | PC | В | | | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| (ppb) | | | | | |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water (| | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| esulf⁴ | s | 51.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 94 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 82 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 95 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

 $^{^3}$ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/06 | 6/2017 | | | | | | | | | | |
|--------------------|------------------------------|---|---------|--------|--------|-----------------|--------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 152 | | | | | | | | | | |
| Loca | nple ation | Upcurrent (Ambient) | | | | | | | | | | | | | | | | l | Downcur | rent | | | | | |
| | nce to irce | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | | 190 ft ² | 2 | | | | | |
| Sam | ple ID | 120617-TIDO-F-U | | | | | | | | | | | | | | | | 12 | 0617-TID | O-F-D | | | | | |
| Sampl | e Time | | 10:37 | | | | | | | | | | | | | | | | 10:21 | | | | | | |
| | | _ | | | | | | | | | | | | | | | | | | | P | СВ | | ø | ne |
| | raiamete | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| U | nit | (ppm) | | | | (ppm) | | | | | (| (ppb) | | | | | | | | | | | | | |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| H | Quality dard ³ | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | 1 | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | 1 | 16 | 0.0006 |
| esult ⁴ | s | 71 ND | | | | | | | | | | | | 49 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Anal | В | 71 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 58.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surv | ey Date | | | | | | | | | | | | 12/06 | 6/2017 | | | | | | | | | | |
|--------------------|-----------------------|------------------------------------|---------|--------|--------|----------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|---------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Basec | | | | | | | | | | |
| C | onstruct | ion Activ | ity | | JETT | - Jettir | ng | | Com | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 173 | | | | | | | | | | |
| Sam Loca | ition | Upcurrent (Ambient) | | | | | | | | | | | | | | ı | Downcur | rent | | | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 500 ft ² | 2 | | | | | | |
| Samp | ole ID | 120617-JETT-F-U | | | | | | | | | | | | | | | | 12 | 0617-JET | T-F-D | | | | | |
| Sample | e Time | | | | | | 11:54 | | | | | | | | | | | | 11:26 | | | | | | |
| | | _ | | | | | | | P | СВ | 1 | 0 | ne | _ | | | | | | | P | СВ | | o) | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | J | • |
| Detectio | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water (| - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| esult ⁴ | s | 69.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 74.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | 72.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 81 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 132 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 104 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surv | ey Date | | | | | | | | | | | | 12/06 | 6/2017 | | | | | | | | | | |
|--------------------|-----------------------|------------------------------------|---------------------|--------|--------|------------------|--------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|--------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | FOF | | undatio moval | n Pile | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | Source | Location | | | | | | | | | | | | Bei | nt 20 | | | | | | | | | | |
| Loca | nple ation | | Upcurrent (Ambient) | | | | | | | | | | | | | | | ı | Downcur | rent | | | | | |
| Distai Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 100 ft | 2 | | | | | | |
| Samı | ole ID | | 120617-FOPI-F-U | | | | | | | | | | | | | | | 12 | 0617-FOI | PI-F-D | | | | | |
| Sampl | e Time | | 12:36 | | | | | | | | | | | | | | | | 12:20 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | PC | СВ | ı | 0 | ne |
| 200 | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| (ppb) | | | | | |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water Stan | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| esult ⁴ | s | 47.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 59.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 39.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 82 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/07 | 7/2017 | | | | | | | | | | |
|--------------------|------------------------|------------------------------|---------|--------|--------|-----------------|----------|--------------|----------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activ | ity | TIF | | nder F moval | rame | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | Source Location Sample | | | | | | | | | | | | | Ben | it 173 | | | | | | | | | | |
| Loca | tion | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 120 | 717-TIF | R-F-U | | | | | | | | | | 12 | 0717-TIF | R-F-D | | | | | |
| Sample | Time | | | | | | 09:45 | | | | | | | | | | | | 09:14 | | | | | | |
| | | | | | | | | | P | СВ | | • | Je | | | | | | | | P | СВ | | 40 | Je |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | iit | (ppm) | | | | | (| ppb) | | | | | • | (ppm) | | | U U | U | (| (ppb) | | | | | |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water (| - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| sulf⁴ | s | 36 | | | | | | | | | | 30 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| Analytical Result⁴ | М | 48 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 39.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 61.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 42.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone

- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

| | Surv | ey Date | | | | | | | | | | | | 12/07 | 7/2017 | | | | | | | | | | |
|--------------------|-----------------------|---|---------|--------|--------|------|---------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activity TIDO - Timber Dolphin Removal Comments | | | | | | | | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fl | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 48 | | | | | | | | | | |
| Loca | | Upcurrent (Ambient) | | | | | | | | | | | | | | | | l | Downcur | rent | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | | 100 ft ² | 2 | | | | | |
| Samp | ole ID | | | | | 120 | 717-TID | O-F-U | | | | | | | | | | 12 | 0717-TID | O-F-D | | | | | |
| Sampl | e Time | | | | | | 10:37 | | | | | | | | | | | | 10:16 | | | | | | |
| | | | | | | | | | | PC | СВ | | | Je | | | | | | | | | | | |
| Darameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water of Stand | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | 1 | - | 16 | 0.0006 |
| esult ⁴ | s | 71.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 69.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 83 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 73 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable

ND = Not Detected

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surv | ey Date | | | | | | | | | | | | 12/0 | 7/2017 | | | | | | | | | | |
|--------------------|----------|------------------------------|---------|--------|-----------------|------------------|----------|--------------|----------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|--------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Ves | sel Based | l | | | | | | | | | |
| Co | onstruct | ion Activ | ity | FOI | PI - Foi Rei | undatio moval | n Pile | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ве | nt 24 | | | | | | | | | | |
| Sam Loca | tion | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 75 ft ² | | | | | | |
| Samp | ole ID | | | | | 120 | 717-FOI | PI-F-D | | | | | | | | | | 12 | .0717-FOI | PI-F-D | | | | | |
| Sample | e Time | | | | | | 13:02 | | | | | | | | | | | | 12:47 | | | | | | |
| | | | | | | | | | PC | СВ | 1 | a | ne | _ | | | | | | | P | СВ | | Ф | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | | | | | (ppb) | | | | • | | (ppm) | | | | | | (ppb) | | | | | |
| Detectio | n Limit³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water (| | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | 1 | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | - | 16 | 0.0006 |
| esulf⁴ | s | | | a | | | | | | | | | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | | | | | | а | | | | | | | 94.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

a = Data not available, samples were collected, logged on chain of custody, and likely lost during transit to analytical lab.

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/08 | 3/2017 | | | | | | | | | | |
|--------------------|----------------------|------------------------------|---------|--------|-----------------|----------|----------|----------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------------------|---------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| C | onstruct | ion Activ | TID | | nber D moval | olphin | | Comi | nents | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | • | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 46 | | | | | | | | | | |
| Sample Location | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | I | Downcur | rent | | | | | |
| Distar Sou | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 105 ft ² | 2 | | | | | | |
| Samp | ole ID | | | | 120 | 817-TID | O-F-U | | | | | | | | | | 12 | 0817-TID | O-F-D | | | | | | |
| Sample | e Time | | | | | | 09:50 | | | | | | | | | | | | 09:37 | | | | | | |
| | | | | | | | | | P | СВ | | | Je | | | | | | | | PO | СВ | | • | Je |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water of | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | 1 | - | 1 | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | 1 | 1 | 16 | 0.0006 |
| esulf⁴ | s | 36.7 ND ND ND ND ND ND ND | | | | | | | | | ND | ND | ND | 56 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | | | | NS | | | | | | | | | | | | NS | | | | | | | |
| Analy | В | 36.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 62.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/08 | 3/2017 | | | | | | | | | | |
|--------------------|------------------------------|--|---------|--------|--------|------|---------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| c | onstruct | ion Activity FOPI - Foundation Pile Removal Comments | | | | | | | | | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | Source | Location | | | | | | | | | | | | Bei | nt 22 | | | | | | | | | | |
| Loc | nple ation | Upcurrent (Ambient) | | | | | | | | | | | | | | | ı | Downcur | rent | | | | | | |
| | nce to urce | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | | 120 ft ² | 2 | | | | | |
| Sam | ple ID | | | | | 120 | 817-FOF | PI-F-U | | | | | | | | | | 12 | 0817-FO | PI-F-D | | | | | |
| Sampl | e Time | | | | | | 11:44 | | | | | | | | | | | | 11:30 | | | | | | |
| | | | | | | | | | PC | СВ | | | ЭС | | | | | | | | PC | СВ | | | Je |
| | Farameter | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| U | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| (ppb) | | | 1 | | |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| H | Quality dard ³ | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | 1 | 1 | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | 1 | - | 16 | 0.0006 |
| esult⁴ | s | 39.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 63.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 44 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 99 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/08 | 3/2017 | | | | | | | | | | |
|--|----------------------|---|---------|--------|--------|----------|-------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | | JETT | - Jettir | ıg | | Com | nents | | | | | | | | | | | | | | | |
| | - | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 166 | | | | | | | | | | |
| San Loca | ition | Upcurrent (Ambient) | | | | | | | | | | | | | | | | | Downcur | rent | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samp | ole ID | Approx. 500 - 1000 ft ' 120817-JETT-F-U | | | | | | | | | | | | | | | | 12 | 0817-JET | T-F-D | | | | | |
| Sampl | e Time | | | | | | 12:55 | | | | | | | | | | | | 12:36 | i | | | | | |
| | | _ | | | | | | | P | СВ | | ø | ne | _ | | | | | | | P | СВ | | Φ | ne |
| ora de la constanta de la cons | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water of Stand | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | - | 16 | 0.0006 |
| sult⁴ | s | 60.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 65 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | 92.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 63 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 73.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 61.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surv | ey Date | | | | | | | | | | | | 12/11 | 1/2017 | | | | | | | | | | |
|--------------------|----------|------------------------------|------------------------|--------|--------|----------|----------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activ | ity | | JETT | - Jettir | ıg | | Com | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 167 | | | | | | | | | | |
| Sam Loca | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | | Downcur | rent | | | | | |
| Distar Sou | | | | | | Appro | x. 500 - | 1000 f | t¹ | | | | | | | | | | 500 ft ² | ! | | | | | |
| Samp | le ID | | | | | 121 | 117-JET | T-E-U | | | | | | | | | | 12 | 1117-JET | T-E-D | | | | | |
| Sample | Time | | | | | | 11:02 | | | | | | | | | | | | 10:47 | | | | | | |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water (| | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | - | 16 | 0.0006 |
| esult ⁴ | s | 76 | 76 ND ND ND ND ND ND N | | | | | | | | | ND | ND | 55.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Anal | В | 69 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 62 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/11 | 1/2017 | | | | | | | | | | |
|--------------------|---------|------------------------------|---|--------|--------|------------------|----------|--------------|----------------|--------------|--------------|------------|--------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|-----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | FOF | | undatio moval | n Pile | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | Source | Location | | | | | | | | | | | | Ber | nt 22 | | | | | | | | | | |
| Sam Loca | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 300 ft ² | 2 | | | | | |
| Samp | le ID | 121117-FOPI-E-U | | | | | | | | | | | | | | | | 12 | 1117-FOF | PI-E-D | | | | | |
| Sample | Time | | 11:53 | | | | | | | | | | | | | | | | 11:40 | | | | | | |
| | | PCB 0 E | | | | | | | | | | | | | | | | | | | T - | СВ | | | ne |
| Parameter | | Total Suspendec Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalen | Benzo(a)pyre | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a) pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water (| | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | - | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| esult ⁴ | s | NS | | | | | | | | | | | | | | | | | NS | | | | | | |
| Analytical Result⁴ | М | 30.3 | .3 ND | | | | | | | | | | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | | | | | | NS | | | | | | | | | | | | NS | | | | | | |

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surv | ey Date | | | | | | | | | | | | 12/1 | 1/2017 | | | | | | | | | | |
|--------------------------------|---------|------------------------------|---------|--------|--------|-----------------|----------|--------------|----------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comr | ments | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Е | bb | | | | | | | | | | |
| | Source | Location | | | | | | | | | | | | Bei | nt 44 | | | | | | | | | | |
| Sam Loca | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 150 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 121 | 117-TID | O-E-U | | | | | | | | | | 12 | 1117-TID | O-E-D | | | | | |
| Sample | Time | | | | | | 11:29 | | | | | | | | | | | | 11:21 | | | | | | |
| | | | | | | | | | PC | СВ | | Ф | ne | | | | | | | | P | СВ | | Ф | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water C | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | - | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | - | 16 | 0.0006 |
| esult ⁴ | s | NS | | | | | | | | | | | | | | | | NS | | | | | | | |
| Analytical Result ⁴ | М | 33.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 60.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | | | • | • | • | NS | • | | | • | | • | | | • | • | | NS | • | • | • | • | • | |

ND = Not Detected

 $NS = Not \ Sampled \ due \ to \ water \ depth, \ pursuant \ to \ 8/6/13 \ modification \ to \ Condition \ 60 \ of \ NYSDEC \ Permit \ Facility \ ID \ 3-9903-00043/00012-14.$

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surv | ey Date | | | | | | | | | | | | 12/12 | 2/2017 | | | | | | | | | | |
|--------------------|---------|------------------------------|---------|--------|---------|---------|----------|--------------|----------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | DBF | RI - De | bris Re | moval | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Е | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 27 | | | | | | | | | | |
| Sam Loca | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | | Downcuri | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 150 ft ² | ! | | | | | |
| Samp | le ID | | | | | 121 | 217-DBF | RI-E-U | | | | | | | | | | 12 | 1217-DBF | RI-E-D | | | | | |
| Sample | Time | | | | | | 10:08 | | | | | | | | | | | | 09:55 | | | | | | |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water 0 | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | - | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | | - | 16 | 0.0006 |
| esult4 | s | 35.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 108 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Anal | В | 37 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 147 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surv | ey Date | | | | | | | | | | | | 12/12 | 2/2017 | | | | | | | | | | |
|--------------------------------|---------|------------------------------|---------|--------|--------|------------------|----------|--------------|----------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | FOF | | undatio moval | n Pile | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 23 | | | | | | | | | | |
| Sam Locat | tion | | | | | Upcui | rrent (A | mbien | t) | | | | | | | | | | Downcur | rent | | | | | |
| Distan Soul | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 120 ft ² | ! | | | | | |
| Samp | le ID | | | | | 1212 | 217-FOF | PI-E-U | | | | | | | | | | 12 | 1217-FOF | PI-E-D | | | | | |
| Sample | Time | | | | | | 10:59 | | | | | | | | | | | | 10:51 | | | | | | |
| | | _ | | | | | | | PC | СВ | 1 | Ф | ne | | | | | | | | P | СВ | | 9 | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | • | | | (| ppb) | | • | • | | • | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 |
| Water C Stand | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | | | 16 | 0.0006 |
| esult ⁴ | s | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analytical Result ⁴ | М | 47 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 108 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | | | • | | | NS | | | | • | | | | | | | | NS | | | | | | |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surv | ey Date | | | | | | | | | | | | 12/12 | 2/2017 | | | | | | | | | | |
|--------------------|---------|------------------------------------|-----------------|--------|--------|-----------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 33 | | | | | | | | | | |
| Sam Loca | tion | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | [| Downcur | rent | | | | | |
| Distan Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 120 ft ² | 2 | | | | | | |
| Samp | le ID | | 121217-TIDO-E-U | | | | | | | | | | | | | | | 12 | 1217-TID | O-E-D | | | | | |
| Sample | Time | | 10:40 | | | | | | | | | | | | | | | | 10:26 | | | | | | |
| | | _ | | | | | | | | | | | | | | | | | | | P | СВ | | Ф | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | • |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water C | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | - | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | - | | - | 16 | 0.0006 |
| esult⁴ | s | 35 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 48.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.0 | ND |
| Analytical Result⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Anal) | В | 43 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 53.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/13 | 3/2017 | | | | | | | | | | |
|--------------------------------|---------|------------------------------|---------|--------|---------|---------|----------|--------------|----------------|---------------------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | DBF | RI - De | bris Re | moval | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 22 | | | | | | | | | | |
| Sam Loca | tion | | | | | Upcui | rrent (A | mbien | t) | | | | | | | | | [| Downcuri | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 150 ft ² | ! | | | | | |
| Samp | le ID | | | | | 1213 | 317-DBF | RI-E-U | | | | | | | | | | 12 | 1317-DBF | RI-E-D | | | | | |
| Sample | Time | | | | | | 11:22 | | | | | | | | | | | | 11:08 | | | | | | |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 ^m | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water C | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | - | | 1 | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | 1 | - | 16 | 0.0006 |
| esult ⁴ | s | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analytical Result ⁴ | М | 38.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 130 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | | | | | | NS | | | | | | | | | | | | NS | | | | | | |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surv | ey Date | | | | | | | | | | | | 12/13 | 3/2017 | | | | | | | | | | |
|--------------------------------|---------|------------------------------|------------------------------------|-----------------|--------|-----------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|------------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 32 | | | | | | | | | | |
| Sam Loca | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | [| Downcur | rent | | | | | |
| Distan Sou | | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 500 ft ² | ! | | | | | |
| Samp | le ID | | | 121317-TIDO-E-U | | | | | | | | | | | | | | 12 | 1317-TID | O-E-D | | | | | |
| Sample | Time | | | | | | 11:55 | | | | | | | | | | | | 11:45 | | | | | | |
| | | | | | | | | | P | СВ | 1 | Ф | ne | _ | | | | | | | PC | В | | Ф | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water 0 | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | 1 | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | 1 | - | 1 | 16 | 0.0006 |
| esult ⁴ | s | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analytical Result ⁴ | М | 60.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 53.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4.1 | ND | |
| Analy | В | | | | | | NS | | | | - | | | | | | | | NS | | | | | | - |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surve | ey Date | | | | | | | | | | | | 12/14 | 1/2017 | | | | | | | | | | |
|--------------------------------|---------|---------------------------|---------|--------|----------|---------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | DBF | RI - Del | bris Re | moval | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 23 | | | | | | | | | | |
| Sam Loca | - | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 180 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 121 | 417-DBI | RI-E-U | | | | | | | | | | 12 | 1417-DBF | RI-E-D | | | | | |
| Sample | Time | | | | | | 11:30 | | | | | | | | | | | | 11:18 | | | | | | |
| | | per | | | | | | | PC | СВ | | ø | ne | per | | | | | | | PC | В | | Φ | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water G Stand | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | ı | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | ı | ı | - | 16 | 0.0006 |
| esult ⁴ | s | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analytical Result ⁴ | М | 51.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 271 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | | | | | | NS | | | | | | | | | | | | NS | | | | | | |

Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

| | Surv | ey Date | | | | | | | | | | | | 12/14 | 1/2017 | | | | | | | | | | |
|--------------------------------|---------|---------------------------|---------|--------|--------|-----------------|---------|----------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | l | | | | | | | | | |
| Co | nstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 76 | | | | | | | | | | |
| Sam Loca | tion | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | l | Downcur | rent | | | | | | |
| Distan Sou | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 140 ft ² | 2 | | | | | | |
| Samp | le ID | | | | | 121 | 417-TID | O-E-U | | | | | | | | | | 12 | 1417-TID | O-E-D | | | | | |
| Sample | Time | | | | | | 12:01 | | | | | | | | | | | | 11:43 | | | | | | |
| | | per | | | | | | | P | СВ | | ø | ne | per | | | | | | | PC | СВ | | ø | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | • | | • | (| (ppb) | • | • | • | • | • | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| Water 0 | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | ı | 1 | ı | 16 | 0.0006 |
| sult ⁴ | s | 46.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 44.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | _ | - | | | <u> </u> | NS | - | | | | | - | _ | | | | | NS | | | | | | |
| Analy | В | 46.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 51.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surve | ey Date | | | | | | | | | | | | 12/14 | 1/2017 | | | | | | | | | | |
|--------------------------------|---------|---------------------------|---------|--------|--------|----------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | | JETT | - Jettir | g | | Com | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 167 | | | | | | | | | | |
| Sam Loca | tion | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | l | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 121 | 417-JET | T-E-U | | | | | | | | | | 12 | 1417-JET | T-E-D | | | | | |
| Sample | Time | | | | | | 12:55 | | | | | | | | | | | | 12:36 | | | | | | |
| | | led | | | | | | | P | СВ | | | ne | pel | | | | | | | PC | В | | a) | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| Water G Stand | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | 1 | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | ı | ı | ı | 16 | 0.0006 |
| esult ⁴ | s | 80 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 81.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Anal | В | 96.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 74 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/15 | 5/2017 | | | | | | | | | | |
|--------------------------------|-------------------------|---|-----------------|--------|----------|------------------|--------|--------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|---------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activi | ity | TID | | nber Do moval | olphin | | Comr | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fl | ood | | | | | | | | | | |
| | Source | Location | | | | | | | | | | | | Bei | nt 74 | | | | | | | | | | |
| San Loca | ation | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | | | |
| Distar Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 120 ft ² | 2 | | | | | | |
| Samp | ole ID | | 121517-TIDO-F-U | | | | | | | | | | | | | | | 12 | 1517-TID | O-F-D | | | | | |
| Sampl | e Time | | | _ | _ | | 09:50 | _ | | _ | _ | _ | | | | | | | 09:37 | | | _ | _ | | |
| | | pə | | | | | | | PC | СВ | | | ne | pə | | | | | | | P | СВ | | a) | ne |
| rotomore | רמו מוופרפ. מוופרפ ה | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | • | (ppm) | | | | | | (ppb) | • | | | | • |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water o | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | - | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | - | 16 | 0.0006 |
| esult⁴ | s | 39.7 ND | | | | | | | | | | | ND | 50 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | NS NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 49 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 53 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

| | Surve | ey Date | | | | | | | | | | | | 12/15 | 5/2017 | | | | | | | | | | |
|--------------------------------|---------|---------------------------|---------|--------|--------|----------|----------|--------------|----------------|--------------|--------------|--------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | | JETT | - Jettir | ıg | | Comr | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 167 | | | | | | | | | | |
| Sam Loca | tion | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | I | Downcuri | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 121 | 517-JET | T-E-U | | | | | | | | | | 12 | 1517-JET | T-E-D | | | | | |
| Sample | Time | | | | | | 10:58 | | | | | | | | | | | | 10:38 | | | | | | |
| | | þek | | | | | | | P | СВ | | _o | ne | per | | | | | | | PC | СВ | | ø | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | iit | (ppm) | | | • | | (| ppb) | | • | • | | • | (ppm) | | | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | I | 0.1 |
| Water 0 | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | 1 | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | ı | ı | ı | 16 | 0.0006 |
| esult ⁴ | s | 35 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 37.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | 38.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 36.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 44.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 48.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/15 | 5/2017 | | | | | | | | | | |
|--------------------------------|---------|---------------------------|---------|--------|---------|---------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|---------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activ | ity | DBF | RI - De | bris Re | moval | | Comr | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 24 | | | | | | | | | | |
| Sam Loca | tion | Upcurrent (Ambient) | | | | | | | | | | | | | | ı | Downcur | rent | | | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 160 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 121 | 517-DBF | RI-E-U | | | | | | | | | | 12 | 1517-DBF | RI-E-D | | | | | |
| Sample | Time | | | | | | 11:44 | | | | | | | | | | | | 11:28 | | | | | | |
| | | þər | | | | | | | P | СВ | | ø | ne | ded | | | | | | | PC | В | | ø | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | • | (| ppb) | | | • | | • | (ppm) | | • | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water C | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | 1 | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | ı | ı | ı | 16 | 0.0006 |
| esult ⁴ | s | 39.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 182 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 46.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 212 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

| | Surv | ey Date | | | | | | | | | | | | 12/15 | 5/2017 | | | | | | | | | | |
|--------------------|----------|---------------------------|---|--------|--------|-----------------|------|--------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activ | ity | TIF | | nder F moval | rame | | Com | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 176 | | | | | | | | | | |
| Sam Loca | - | | Upcurrent (Ambient) | | | | | | | | | | | | | | | | Downcur | rent | | | | | |
| Distan Sou | | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 210 ft ² | 2 | | | | | |
| Samp | le ID | | Approx. 500 - 1000 ft' 121517-TIFR-E-U | | | | | | | | | | | | | | | 12 | 1517-TIF | R-E-D | | | | | |
| Sample | Time | | 121517-TIFR-E-U 13:12 | | | | | | | | | | | | | | | | 12:53 | | | | | | |
| | | pə | | | | | | | PO | СВ | | | ne | pə | | | | | | | PO | СВ | | 4) | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | • | | | (| ppb) | | | | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| Water C | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | ı | - | | 16 | 0.0006 |
| sult ⁴ | s | 33 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 37.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | 39.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 36.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 49.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 44.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/18 | 3/2017 | | | | | | | | | | |
|--------------------------------|----------------------|------------------------------------|---------------------|--------|---------|---------|---------|--------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activi | ity | DBF | RI - De | bris Re | moval | | Com | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 24 | | | | | | | | | | |
| Sam Loca | tion | | Upcurrent (Ambient) | | | | | | | | | | | | | | | ı | Downcur | rent | | | | | |
| Distan Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 300 ft ² | 2 | | | | | | |
| Samp | le ID | | | | | 121 | 817-DBF | RI-F-U | | | | | | | | | | 12 | 1817-DBI | RI-F-D | | | | | |
| Sample | Time | | | | | | 09:56 | | | | | | | | | | | | 09:41 | | | | | | |
| | | pəl | | | | | | | P | СВ | • | a) | ne | pel | | | | | | | PO | В | | | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | • | | (| ppb) | | • | | | • | (ppm) | | | | | | (ppb) | • | | | | |
| Detectio | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water 0 | , | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | ı | ı | 16 | 0.0006 |
| ssult ⁴ | s | 24 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 36.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | NS NS | | | | | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 25.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 134 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

| | Surve | ey Date | | | | | | | | | | | | 12/18 | 3/2017 | | | | | | | | | | |
|--------------------|----------------------|---------------------------|---|--------|--------|-------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|-----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Ves | sel Based | | | | | | | | | | |
| Co | onstructi | ion Activ | n Activity TIDO - Timber Dolphin Removal Comments | | | | | | | | | | | | | | | | | | | | | | |
| | T | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 157 | | | | | | | | | | |
| Sam Loca | - | Upcurrent (Ambient) | | | | | | | | | | | | | | | | ļ | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 180 ft | 2 | | | | | |
| Samp | le ID | | | | | 121 | 817-TID | O-F-U | | | | | | | | | | 12 | :1817-TID | O-F-D | | | | | |
| Sample | Time | | | | | | 11:06 | | | | | | | | | | | | 10:51 | | | | | | |
| | | pa | | | | | | | P | СВ | | 4 | Je | pə | | | | | | | P | СВ | | | ЭС |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | • | • | | (| ppb) | | | | | | (ppm) | | - | | | | (ppb) | | - | | | |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 |
| Water C | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | - | 16 | 0.0006 |
| esult ⁴ | s | 31.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 35.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 48 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 60.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to the turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surv | ey Date | | | | | | | | | | | | 12/18 | 3/2017 | | | | | | | | | | |
|--------------------|----------|------------------------------------|---------------------|--------|--------|-----------------|-------|--------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activ | ity | TIF | | nder F moval | rame | | Com | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | E | bb | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 178 | | | | | | | | | | |
| Sam Loca | - | | Upcurrent (Ambient) | | | | | | | | | | | | | | | | Downcur | rent | | | | | |
| Distan Sou | | Approx. 500 - 1000 ft ¹ | | | | | | | | | | | | | | | | 500 ft ² | 2 | | | | | | |
| Samp | le ID | | 121817-TIFR-E-U | | | | | | | | | | | | | | | 12 | 1817-TIF | R-E-D | | | | | |
| Sample | Time | | | | | | 13:19 | | | | | | | | | | | | 12:52 | | | | | | |
| | | pel | | | | | | | P | СВ | | | ne | pel | | | | | | | PO | СВ | | 4) | ne |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | • | • | • | | (ppm) | | • | | | (| ppb) | • | • | • | | |
| Detec Lim | | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water G | | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | - | | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | | | | | 16 | 0.0006 |
| ssult ⁴ | s | 25.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 20.2 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result⁴ | М | 20.2 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 30.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 25.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 38 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/19 | 9/2017 | | | | | | | | | | |
|--------------------------------|------------------------------|---------------------------|---------|--------|--------|----------|----------|----------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|---------------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | | JETT | - Jettin | g | | Comr | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 168 | | | | | | | | | | |
| Loca | nple ation | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | |
| Distai Soເ | nce to Irce | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | | |
| Sam | ole ID | | | | | 121 | 917-JET | T-F-U | | | | | | | | | | 12 | 1917-JET | T-F-D | | | | | |
| Sampl | e Time | | | | | | 10:39 | | | | | | | | | | | | 10:14 | | | | | | |
| | | pel | | | | | | | P | СВ | • | 40 | ne | pel | | | | | | | PO | СВ | | a) | ne |
| 200 | במומוופנפ | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | • |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| Water Stand | Quality dard ³ | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | 1 | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | ı | 1 | 16 | 0.0006 |
| sult ⁴ | s | 17.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 19.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | 48 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 36.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 53.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 61 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/19 | 9/2017 | | | | | | | | | | |
|--------------------------------|--|---------------------|---------|--------|--------|-----------------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activi | ity | TID | | nber D moval | olphin | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fle | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 131 | | | | | | | | | | |
| Sam Loca | - | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | I | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 150 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 121 | 917-TID | O-F-U | | | | | | | | | | 12 | 1917-TID | O-F-D | | | | | |
| Sample | Time | | | | | | 11:21 | | | | | | | | | | | | 11:07 | | | | | | |
| | | Suspended Solids | | | | | | | P | СВ | • | 4 | ne | pa | | | | | | | P | СВ | | 4) | Je |
| Parameter | Parameter | | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | • | • | • | (ppm) | | | | | (| (ppb) | | | | | 9 |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| | Water Quality Standard ³ | | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | ı | 16 | 0.0006 |
| ssult ⁴ | s | 29 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 28 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 44.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 34.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surve | ey Date | | | | | | | | | | | | 12/20 |)/2017 | | | | | | | | | | |
|--------------------------------|----------------------|---------------------------|---------|--------|----------|---------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|----------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activi | ty | DBF | RI - Del | bris Re | moval | | Comr | nents | | | | | | | | | | | | | | | |
| | Ti | ide | | | | | | | | | | | | Fle | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ber | nt 26 | | | | | | | | | | |
| Sam Loca | | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | I | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 180 ft | 2 | | | | | |
| Samp | le ID | | | | | 122 | 017-DBF | RI-F-U | | | | | | | | | | 12 | 2017-DBI | RI-F-D | | | | | |
| Sample | Time | | | | | | 09:00 | | | | | | | | | | | | 08:50 | 1 | | | | | |
| Parameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | ` | ` | ` | | | (ppm) | | | | | | (ppb) | | | | | |
| Detectio | n Limit ³ | Ambient + | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| Water 0 | , | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | 1 | - | ı | ı | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | - | 16 | 0.0006 |
| sult ⁴ | s | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analytical Result ⁴ | М | 34 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 87 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | NS | | | | | | | | | | | | | | | | | NS | | | | | | |

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/20 |)/2017 | | | | | | | | | | |
|--------------------------------|--|---------------------|---------|--------|--------|-----------------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | onstruct | ion Activ | ity | TID | | nber D moval | olphin | | Comi | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fl | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 65 | | | | | | | | | | |
| Sam Loca | - | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | I | Downcur | rent | | | | | |
| Distan Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 170 ft ² | 2 | | | | | |
| Samp | le ID | | | | | 122 | 017-TID | O-F-U | | | | | | | | | | 12 | 2017-TID | O-F-D | | | | | |
| Sample | Time | | | | | | 09:28 | | | | | | | | | | | | 09:13 | | | | | | |
| | | Suspended Solids | | | | | | | P | СВ | r | 4) | ne | pə | | | | | | | P | СВ | ſ | 4) | ne |
| Parameter | Parameter | | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | • | | (| ppb) | | | | | • | (ppm) | | | | | | (ppb) | | • | | | • |
| Detection | n Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 |
| | Water Quality Standard ³ | | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | | 16 | 0.0006 |
| ssult ⁴ | s | 48 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 47.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 57.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 47.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

| | Surve | ey Date | | | | | | | | | | | | 12/20 |)/2017 | | | | | | | | | | |
|--------------------------------|------------------------------|---------------------------|---------|--------|--------|----------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | | JETT | - Jettin | g | | Comr | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 168 | | | | | | | | | | |
| Loca | nple ation | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | |
| | nce to Irce | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samı | ole ID | | | | | 122 | 017-JET | T-F-U | | | | | | | | | | 12 | 2017-JET | T-F-D | | | | | |
| Sampl | e Time | | | | | | 10:15 | | | | | | | | | | | | 09:48 | | | | | | |
| | | pel | | | | | | | P | СВ | • | 40 | ne | pel | | | | | | | PO | СВ | | (1) | ne |
| | במומוופנפ | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | • |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | ı | 0.1 |
| Water Stan | Quality dard ³ | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | ı | 1 | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | ı | ı | 16 | 0.0006 |
| sult ⁴ | s | 19.8 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 43.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | 29.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 34 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 55 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 49 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/21 | 1/2017 | | | | | | | | | | |
|--------------------|--|---------------------|---------|--------|--------|-----------------|----------|--------------|--------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| Co | nstruct | ion Activi | ity | TID | | nber D moval | olphin | | Comi | ments | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | FI | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Bei | nt 82 | | | | | | | | | | |
| Sam Locat | tion | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | I | Downcur | rent | | | | | |
| Distan Sour | | | | | | Appro | x. 500 - | 1000 f | t¹ | | | | | | | | | | 200 ft ² | 2 | | | | | |
| Sampl | le ID | | | | | 122 | 117-TID | O-F-U | | | | | | | | | | 12 | 2117-TID | O-F-D | | | | | |
| Sample | Time | | | | | | 09:36 | | | | | | | | | | | | 09:17 | | | | | | |
| | | Suspended Solids | | | | | | | P | СВ | | | ne | pəl | | | | | | | PO | В | | 0 | ne |
| Parameter | _ | | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Un | it | (ppm) | | | | | (| ppb) | | | • | | | (ppm) | | • | | | (| (ppb) | | | ! | | |
| Detection | Unit Detection Limit ³ | | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| Water Q Stand | - | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | | - | - | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | ı | ı | 16 | 0.0006 |
| ssult ⁴ | s | 37 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 38 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| /tical Re | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | Analytical Results M B 43.8 ND | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 22.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/21 | 1/2017 | | | | | | | | | | |
|--------------------------------|--|---------------------------|---------|--------|----------|---------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activi | ity | SIDI | - Silt [| Displac | ement | | Com | nents | | | | | | | | | | | | | | | |
| | Т | ide | | | | | | | | | | | | Fle | bod | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | t 168 | | | | | | | | | | |
| Sam Loca | ation | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | |
| Distar Sou | | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samp | ole ID | | | | | 122 | 117-SID | I-F-U | | | | | | | | | | 12 | 2117-SIE | DI-F-D | | | | | |
| Sample | e Time | | | | | | 10:12 | | | | | | | | | | | | 09:58 | | | | | | |
| | | led | | | | | | | P | СВ | | o) | ne | led | | | | | | | P | СВ | | ø. | ne |
| Darameter | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Ur | nit | (ppm) | | • | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | • | | |
| Detectio | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 |
| | Water Quality Standard ³ | | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | - | 16 | 0.0006 |
| esult⁴ | s | 31.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 50.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | | | | | | NS | | | | | | | | | | | | NS | | | | | | |
| Analy | В | 56.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 81.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND = Not Detected

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

| | Surve | ey Date | | | | | | | | | | | | 12/21 | 1/2017 | | | | | | | | | | |
|--------------------------------|------------------------------|---------------------------|---------|--------|--------|----------|----------|--------------|----------------|--------------|--------------|-------------|----------------|---------------------------|-----------|--------|--------|------|---------------------|--------------|--------------|--------------|--------------|-------------|----------------|
| | Surve | у Туре | | | | | | | | | | | | V - Vess | sel Based | | | | | | | | | | |
| С | onstruct | ion Activ | ity | | JETT | - Jettin | g | | Com | nents | | | | | | | | | | | | | | | |
| | | ide | | | | | | | | | | | | | ood | | | | | | | | | | |
| | | Location | | | | | | | | | | | | Ben | it 179 | | | | | | | | | | |
| Loca | nple ation | | | | | Upcu | rrent (A | mbien | t) | | | | | | | | | ı | Downcur | rent | | | | | |
| | nce to Irce | | | | | Appro | x. 500 - | 1000 f | t ¹ | | | | | | | | | | 500 ft ² | 2 | | | | | |
| Samı | ole ID | | | | | 122 | 117-JET | T-F-U | | | | | | | | | | 12 | 2117-JET | T-F-D | | | | | |
| Sampl | e Time | | | | | | 10:54 | | | | | | | | | | | | 10:31 | | | | | | |
| | | pel | | | | | | | P | СВ | • | 40 | ne | pel | | | | | | | PO | СВ | | a) | ne |
| | | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene | Total Suspended Solids | Mercury | Nickel | Copper | Lead | Zinc | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Naphthalene | Benzo(a)pyrene |
| Uı | nit | (ppm) | | | | | (| ppb) | | | | | | (ppm) | | | | | | (ppb) | | | | | • |
| Detection | on Limit ³ | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | - | 0.1 | Ambient + 100 | 0.07 | 3.7 | 2.6 | 1.8 | 5.6 | 0.2 | 0.2 | 0.2 | 0.2 | 1 | 0.1 |
| Water Stan | Quality dard ³ | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | - | | 16 | 0.0006 | * | 0.0007 | 8.2 | 5.6 | 8.0 | 66 | - | - | ı | 1 | 16 | 0.0006 |
| sult ⁴ | s | 29.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 26.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analytical Result ⁴ | М | 44 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 46.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Analy | В | 64.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 61 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages