



An Exelon Company

## **Appendix H**

### **Sediment Sampling Turbidity Monitoring Data**

**Phase I Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location   | Date    | Time | Depth (ft) | Turbidity (NTU) | Comments                                       |
|------------------------|-----------------------|--|---------|------|------------|-----------------|--|
| SED2B                  | Background Monitoring | T3: N 38°54'16.7" W<br>076°57'31.3" Depth: 5'    | 11/5/13 | 1210 | -1         | 8.0             |  |
|                        |                       |  |         | 1211 | -2.5       | 9.2             |  |
|                        |                       |  |         | 1212 | -4         | 16.8            |  |
|                        |                       | T1 : N 38°53'43.3" W<br>076°57'43.2" Depth: 7.5' | 11/5/13 | 1141 | -1         | 13.4            |  |
|                        |                       |  |         | 1142 | -3.75      | 9.9             |  |
|                        |                       |  |         | 1143 | -6.5       | 12.0            |  |
|                        | 1st Hour Monitoring   | T3: N 38°54'16.7" W<br>076°57'31.3" Depth: 6'    | 11/5/13 | 1350 | -1         | 7.3             |  |
|                        |                       |  |         | 1351 | -3         | 8.3             |  |
|                        |                       |  |         | 1352 | -5         | 9.5             |  |
|                        |                       | T1 : N 38°53'43.3" W<br>076°57'43.2" Depth: 4'   | 11/5/13 | 1307 | -1         | 9.2             |  |
|                        |                       |  |         | 1308 | -2         | 10.5            |  |
|                        | 2nd Hour Monitoring   | 50' N of SED2B<br>Depth: 8'                      | 11/5/13 | 1440 | -1         | 7.5             |  |
|                        |                       |  |         | 1441 | -4         | 7.4             |  |
|                        |                       |  |         | 1442 | -7         | 8.3             |  |
|                        |                       | 50' S of SED2B<br>Depth: 8'                      | 11/5/13 | 1450 | -1         | 8.8             |  |
|                        |                       |  |         | 1451 | -4         | 7.3             |  |
|                        |                       |  |         | 1452 | -7         | 8.9             |  |
|                        | Post Monitoring       | 50' N of SED2B<br>Depth: 8.5'                    | 11/5/13 | 1440 | -1         | 6.3             |  |
|                        |                       |  |         | 1441 | -4.25      | 8.6             |  |
|                        |                       |  |         | 1442 | -7.5       | 8.8             |  |
|                        |                       | 50' S of SED2B<br>Depth: 10'                     | 11/5/13 | 1450 | -1         | 10.8            |  |
| 1451                   |                       |  |         | -5   | 7.6        |                 |  |
| 1452                   |                       |  |         | -9   | 8.0        |                 |  |
| SED2C                  | Background Monitoring | 30' N of SED 2C<br>Depth: 3'                     | 11/6/13 | 0910 | -1         | 5.8             |  |
|                        |                       |  |         | 0911 | -1.5       | 6.2             |  |
|                        |                       |  |         | 0912 | -2         | 6.1             |  |
|                        |                       | 30' S of SED2C<br>Depth: 3'                      | 11/6/13 | 0916 | -1         | 8.0             | Sediment disturbed by measuring stick at 0918. |
|                        |                       |  |         | 0917 | -1.5       | 11.5            |  |
|                        |                       |  |         | 0918 | -2         | 17.8            |  |
| SED2A                  | Background Monitoring | 30' N of SED2A<br>Depth: 8.5'                    | 11/6/13 | 1040 | -1         | 5.1             |  |
|                        |                       |  |         | 1041 | -4.25      | 5.8             |  |
|                        |                       |  |         | 1042 | -7.5       | 5.6             |  |
|                        |                       | 30' S of SED2A<br>Depth: 7.5'                    | 11/6/13 | 1135 | -1         | 3.2             |  |
|                        |                       |  |         | 1136 | -3.75      | 6.3             |  |
|                        |                       |  |         | 1137 | -6.5       | 6.9             |  |
|                        | 1st Hour Monitoring   | 30' N of SED2A<br>Depth: 9'                      | 11/6/13 | 1123 | -1         | 5.3             |  |
|                        |                       |  |         | 1124 | -4.5       | 5.2             |  |
|                        |                       |  |         | 1125 | -8         | 7.0             |  |
|                        |                       | 30' S of SED2A<br>Depth: 9.5'                    | 11/6/13 | 1225 | -1         | 6.8             |  |
| 1226                   | -4.75                 |  |         | 8.1  |            |                 |  |
| 1227                   | -8.5                  | 6.4  |         |      |            |                 |  |
| <b>Threshold Value</b> |                       |  |         |      |            | 30.5            |  |

**Phase I Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location                        | Date    | Time | Depth (ft) | Turbidity (NTU) | Comments |
|------------------------|-----------------------|---------------------------------|---------|------|------------|-----------------|----------|
| SED1.5B                | Background Monitoring | 30' N of SED1.5B<br>Depth: 4'   | 11/6/13 | 1123 | -1         | 7.0             |          |
|                        |                       |                                 |         | 1124 | -2         | 8.9             |          |
|                        |                       |                                 |         | 1125 | -3         | 8.4             |          |
|                        |                       | 30' S of SED1.5B<br>Depth: 9'   | 11/6/13 | 1225 | -1         | 8.2             |          |
|                        |                       |                                 |         | 1226 | -4.5       | 7.1             |          |
|                        |                       |                                 |         | 1227 | -8         | 7.8             |          |
| SED1A                  | Background Monitoring | 30' N of SED1A<br>Depth: 6'     | 11/6/13 | 1320 | -1         | 7.5             |          |
|                        |                       |                                 |         | 1321 | -3         | 8.4             |          |
|                        |                       |                                 |         | 1322 | -5         | 7.7             |          |
|                        |                       | 30' S of SED1A Depth:<br>7'     | 11/6/13 | 1310 | -1         | 6.4             |          |
|                        |                       |                                 |         | 1311 | -3.5       | 7.7             |          |
|                        |                       |                                 |         | 1312 | -6         | 6.9             |          |
|                        | 1st Hour Monitoring   | 30' N of SED1A<br>Depth: 7'     | 11/6/13 | 1408 | -1         | 7.4             |          |
|                        |                       |                                 |         | 1409 | -3.5       | 7.4             |          |
|                        |                       |                                 |         | 1410 | -6         | 6.9             |          |
|                        |                       | 30' S of SED1A Depth:<br>7.5'   | 11/6/13 | 1422 | -1         | 7.2             |          |
|                        |                       |                                 |         | 1423 | -3.75      | 7.2             |          |
|                        |                       |                                 |         | 1424 | -6.5       | 8.1             |          |
| SED1B                  | Background Monitoring | 30' N of SED1B<br>Depth: 10'    | 11/6/13 | 1508 | -1         | 6.6             |          |
|                        |                       |                                 |         | 1509 | -5         | 6.9             |          |
|                        |                       |                                 |         | 1510 | -9         | 7.3             |          |
|                        |                       | 30' S of SED1B Depth:<br>11'    | 11/6/13 | 1514 | -1         | 6.4             |          |
|                        |                       |                                 |         | 1515 | -5.5       | 7.4             |          |
|                        |                       |                                 |         | 1516 | -10        | 7.2             |          |
| SED2.5B                | Background Monitoring | 30' N of SED2.5B<br>Depth: 3'   | 11/7/13 | 0852 | -1         | 15.1            |          |
|                        |                       |                                 |         | 0853 | -1.5       | 14.9            |          |
|                        |                       |                                 |         | 0854 | -2         | 13.8            |          |
|                        |                       | 30' S of SED2.5B<br>Depth: 5'   | 11/7/13 | 0903 | -1         | 12.4            |          |
|                        |                       |                                 |         | 0904 | -2.5       | 14.1            |          |
|                        |                       |                                 |         | 0905 | -4         | 14.0            |          |
|                        | 1st Hour Monitoring   | 30' N of SED2.5B<br>Depth: 3.5' | 11/7/13 | 0924 | -1         | 13.4            |          |
|                        |                       |                                 |         | 0925 | -1.75      | 11.5            |          |
|                        |                       |                                 |         | 0926 | -2.5       | 10.6            |          |
|                        |                       | 30' S of SED2.5B<br>Depth: 3'   | 11/7/13 | 0912 | -1         | 12.8            |          |
|                        |                       |                                 |         | 0913 | -1.5       | 13.4            |          |
|                        |                       |                                 |         | 0914 | -2         | 12.5            |          |
| SED1C                  | Background Monitoring | 30' N of SED1C<br>Depth: 3'     | 11/7/13 | 1016 | -1         | 4.9             |          |
|                        |                       |                                 |         | 1017 | -1.5       | 5.1             |          |
|                        |                       |                                 |         | 1018 | -2         | 5.7             |          |
|                        |                       | 30' S of SED1C Depth:<br>3'     | 11/7/13 | 1010 | -1         | 4.9             |          |
|                        |                       |                                 |         | 1011 | -1.5       | 6.3             |          |
|                        |                       |                                 |         | 1012 | -2         | 6.1             |          |
| <b>Threshold Value</b> |                       |                                 |         |      |            | 30.5            |          |

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| Boring Location        | Monitoring ID         | Location                        | Date    | Time | Depth (ft) | Turbidity (NTU) | Comments |
|------------------------|-----------------------|---------------------------------|---------|------|------------|-----------------|----------|
| SED3C                  | Background Monitoring | 30' N of SED3C<br>Depth: 4.5'   | 11/7/13 | 1115 | -1         | 3.7             |          |
|                        |                       |                                 |         | 1116 | -2.25      | 5.5             |          |
|                        |                       |                                 |         | 1117 | -3.5       | 5.3             |          |
|                        |                       | 30' S of SED3C Depth:<br>7'     | 11/7/13 | 1107 | -1         | 4.2             |          |
|                        |                       |                                 |         | 1108 | -3.5       | 5.0             |          |
|                        |                       |                                 |         | 1109 | -6         | 4.6             |          |
|                        | 1st Hour Monitoring   | 40' N of SED3C<br>Depth: 3'     | 11/7/13 | 1212 | 1          | 6.3             |          |
|                        |                       |                                 |         | 1213 | -1.5       | 6.1             |          |
|                        |                       |                                 |         | 1214 | -2         | 6.0             |          |
|                        |                       | 30' S of SED3C Depth:<br>6.5'   | 11/7/13 | 1217 | -1         | 4.8             |          |
|                        |                       |                                 |         | 1218 | -3.25      | 5.9             |          |
|                        |                       |                                 |         | 1219 | -5.5       | 6.7             |          |
| SED3A                  | Background Monitoring | 30' N of SED3A<br>Depth: 6'     | 11/7/13 | 1313 | -1         | 10.1            |          |
|                        |                       |                                 |         | 1314 | -3         | 11.4            |          |
|                        |                       |                                 |         | 1315 | -5         | 12.0            |          |
|                        |                       | 30' S of SED3A Depth:<br>5'     | 11/7/13 | 1306 | -1         | 9.6             |          |
|                        |                       |                                 |         | 1307 | -2.5       | 10.2            |          |
|                        |                       |                                 |         | 1208 | -4         | 11.1            |          |
|                        | 1st Hour Monitoring   | 30' N of SED3A<br>Depth: 6.5'   | 11/7/13 | 1414 | -1         | 8.5             |          |
|                        |                       |                                 |         | 1415 | -3.25      | 9.3             |          |
|                        |                       |                                 |         | 1416 | -5.5       | 8.5             |          |
|                        |                       | 30' S of SED3A Depth:<br>4'     | 11/7/13 | 1407 | -1         | 7.3             |          |
|                        |                       |                                 |         | 1408 | -2         | 8.5             |          |
|                        |                       |                                 |         | 1409 | -3         | 9.2             |          |
| SED3B                  | Background Monitoring | 30' N of SED 3B<br>Depth: 12.5' | 11/8/13 | 0819 | -1         | 6.6             |          |
|                        |                       |                                 |         | 0820 | -6.25      | 7.0             |          |
|                        |                       |                                 |         | 0821 | -11.5      | 7.0             |          |
|                        |                       | 30' S of SED3B<br>Depth: 9.5'   | 11/8/13 | 0813 | -1         | 6.8             |          |
|                        |                       |                                 |         | 0814 | -4.75      | 5.5             |          |
|                        |                       |                                 |         | 0815 | -8.5       | 6.0             |          |
|                        | 1st Hour Monitoring   | 30' N of SED3B<br>Depth: 12.5'  | 11/8/13 | 0824 | -1         | 5.3             |          |
|                        |                       |                                 |         | 0825 | -6.25      | 7.8             |          |
|                        |                       |                                 |         | 0826 | -11.5      | 7.0             |          |
|                        |                       | 30' S of SED3B<br>Depth: 11'    | 11/8/13 | 0829 | -1         | 5.5             |          |
|                        |                       |                                 |         | 0830 | -5.5       | 6.3             |          |
|                        |                       |                                 |         | 0831 | -10        | 7.7             |          |
|                        | 2nd Hour Monitoring   | 30' N of SED3B<br>Depth: 13'    | 11/8/13 | 0909 | -1         | 7.6             |          |
|                        |                       |                                 |         | 0910 | -6.5       | 7.6             |          |
|                        |                       |                                 |         | 0911 | -12        | 10.5            |          |
|                        |                       | 30' S of SED3B Depth:<br>13'    | 11/8/13 | 0916 | -1         | 7.2             |          |
|                        |                       |                                 |         | 0917 | -6.5       | 10.0            |          |
|                        |                       |                                 |         | 0918 | -12        | 7.0             |          |
| <b>Threshold Value</b> |                       |                                 |         |      |            | 30.5            |          |

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| Boring Location        | Monitoring ID         | Location                        | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments   |
|------------------------|-----------------------|---------------------------------|----------|------|------------|-----------------|--|
| SED4.5B                | Background Monitoring | 30' N of SED4.5B<br>Depth: 9'   | 11/8/13  | 1017 | -1         | 10.2            | Sediment disturbed by measuring stick at 1019.             |
|                        |                       |                                 |          | 1018 | -4.5       | 10.0            |  |
|                        |                       |                                 |          | 1019 | -8         | 19.4            |  |
|                        |                       | 30' S of SED4.5B<br>Depth: 8.5' | 11/8/13  | 1025 | -1         | 9.8             |  |
|                        |                       |                                 |          | 1026 | -4.25      | 14.2            |  |
|                        |                       |                                 |          | 1027 | -7.5       | 15.6            |  |
| SED5A                  | Background Monitoring | 30' N of SED5A<br>Depth: 9'     | 11/8/13  | 1103 | -1         | 4.5             |  |
|                        |                       |                                 |          | 1104 | -4.5       | 10.6            |  |
|                        |                       |                                 |          | 1105 | -8         | 12.3            |  |
|                        |                       | 30' S of SED5A Depth:<br>9'     | 11/8/13  | 1110 | -1         | 5.8             |  |
|                        |                       |                                 |          | 1111 | -4.5       | 9.6             |  |
|                        |                       |                                 |          | 1112 | -8         | 10.8            |  |
| SED5B                  | Background Monitoring | 30' N of SED5B<br>Depth: 13'    | 11/8/13  | 1212 | -1         | 4.7             |  |
|                        |                       |                                 |          | 1213 | -6.5       | 5.0             |  |
|                        |                       |                                 |          | 1214 | -12        | 7.0             |  |
|                        |                       | 30' S of SED5B Depth:<br>12.5'  | 11/8/13  | 1216 | -1         | 1.6             |  |
|                        |                       |                                 |          | 1217 | -6.25      | 6.0             |  |
|                        |                       |                                 |          | 1218 | -11.5      | 7.5             |  |
|                        | 1st Hour Monitoring   | 30' N of SED5B<br>Depth: 11'    | 11/8/13  | 1331 | -1         | 0.0             |  |
|                        |                       |                                 |          | 1332 | -5.5       | 2.9             |  |
|                        |                       | 30' S of SED5B Depth:<br>12'    | 11/8/13  | 1333 | -10        | 5.6             |  |
|                        |                       |                                 |          | 1325 | -1         | 0.5             |  |
| SED5C                  | Background Monitoring | 30' N of SED 5C<br>Depth: 2'    | 11/11/13 | 0833 | -0.5       | 3.6             |  |
|                        |                       |                                 |          | 0834 | -1         | 3.5             |  |
|                        |                       |                                 |          | 0835 | -1.5       | 3.4             |  |
|                        |                       | 30' S of SED5C<br>Depth: 2'     | 11/11/13 | 0819 | -0.5       | 6.0             | Sediment stirred up by vibracore boat during mobilization. |
|                        |                       |                                 |          | 0820 | -1         | 4.5             |  |
|                        |                       |                                 |          | 0830 | -1.5       | 27.0            |  |
|                        | 1st Hour Monitoring   | 30' N of SED 5C<br>Depth: 2'    | 11/11/13 | 0841 | -0.5       | 3.7             |  |
|                        |                       |                                 |          | 0842 | -1         | 2.9             |  |
|                        |                       | 30' S of SED5C<br>Depth: 3'     | 11/11/13 | 0843 | -1.5       | 3.0             |  |
|                        |                       |                                 |          | 0846 | -1         | 39.4            | Skiff propeller stirred up bottom sediment.                |
| 0847                   | -1.5                  | 26.4                            |          |      |            |                 |  |
| 0848                   | -2                    | 7.0                             |          |      |            |                 |  |
| SED9A                  | Background Monitoring | 30' N of SED9A<br>Depth: 9'     | 11/11/13 | 0945 | -1         | 4.6             |  |
|                        |                       |                                 |          | 0946 | -4.5       | 5.0             |  |
|                        |                       |                                 |          | 0947 | -8         | 6.4             |  |
|                        |                       | 30' S of SED9A Depth:<br>9'     | 11/11/13 | 0939 | -1         | 3.1             |  |
|                        |                       |                                 |          | 0940 | -4.5       | 4.5             |  |
|                        |                       |                                 |          | 0941 | -8         | 4.8             |  |
| <b>Threshold Value</b> |                       |                                 |          |      |            | 30.5            |  |

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|------------------------|-----------------------|--------------------------------|----------|------|------------|-----------------|----------|
| SED9C                  | Background Monitoring | 30' N of SED9C<br>Depth: 6'    | 11/11/13 | 1055 | -1         | 0.0             |          |
|                        |                       |                                |          | 1056 | -3         | 0.0             |          |
|                        |                       |                                |          | 1057 | -5         | 1.3             |          |
|                        |                       | 30' S of SED9C<br>Depth: 7'    | 11/11/13 | 1046 | -1         | 0.1             |          |
|                        |                       |                                |          | 1047 | -3.5       | 0.4             |          |
|                        |                       |                                |          | 1048 | -6         | 3.5             |          |
| SED9B                  | Background Monitoring | 30' N of SED9B<br>Depth: 9'    | 11/11/13 | 1136 | -1         | 2.2             |          |
|                        |                       |                                |          | 1137 | -4.5       | 5.1             |          |
|                        |                       |                                |          | 1138 | -8         | 6.8             |          |
|                        |                       | 30' S of SED9B<br>Depth: 9'    | 11/11/13 | 1131 | -1         | 4.0             |          |
|                        |                       |                                |          | 1132 | -4.5       | 5.5             |          |
|                        |                       |                                |          | 1133 | -8         | 6.9             |          |
| SED10A                 | Background Monitoring | 30' N of SED10A<br>Depth: 9'   | 11/11/13 | 1235 | -1         | 3.1             |          |
|                        |                       |                                |          | 1236 | -4.5       | 4.7             |          |
|                        |                       |                                |          | 1237 | -8         | 6.2             |          |
|                        |                       | 30' S of SED10A<br>Depth: 5'   | 11/11/13 | 1243 | -1         | 4.7             |          |
|                        |                       |                                |          | 1244 | -2.5       | 5.4             |          |
|                        |                       |                                |          | 1245 | -4         | 4.8             |          |
|                        | 1st Hour Monitoring   | 30' N of SED10A<br>Depth: 8'   | 11/11/13 | 1335 | -1         | 2.3             |          |
|                        |                       |                                |          | 1336 | -4         | 4.6             |          |
|                        |                       |                                |          | 1337 | -7         | 6.5             |          |
|                        |                       | 30' S of SED10A<br>Depth: 4.5' | 11/11/13 | 1340 | -1         | 3.7             |          |
| 1341                   | -2.25                 |                                |          | 5.4  |            |                 |          |
| 1342                   | -3.5                  |                                |          | 5.6  |            |                 |          |
| SED10B                 | Background Monitoring | 30' N of SED10B<br>Depth: 8'   | 11/11/13 | 1427 | -1         | 2.8             |          |
|                        |                       |                                |          | 1428 | -4         | 2.0             |          |
|                        |                       |                                |          | 1429 | -7         | 1.8             |          |
|                        |                       | 30' S of SED10B<br>Depth: 8'   | 11/11/13 | 1435 | -1         | 1.3             |          |
|                        |                       |                                |          | 1436 | -4         | 2.2             |          |
|                        |                       |                                |          | 1437 | -7         | 2.0             |          |
| SED10C                 | Background Monitoring | 30' N of SED10C<br>Depth: 3'   | 11/11/13 | 1519 | -1         | 5.4             |          |
|                        |                       |                                |          | 1520 | -1.5       | 2.1             |          |
|                        |                       |                                |          | 1521 | -2         | 1.3             |          |
|                        |                       | 30' S of SED10C<br>Depth: 6'   | 11/11/13 | 1514 | -1         | 2.0             |          |
|                        |                       |                                |          | 1515 | -3         | 0.3             |          |
|                        |                       |                                |          | 1510 | -5         | 1.2             |          |
| <b>Threshold Value</b> |                       |                                |          |      |            | 30.5            |          |

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| Boring Location                 | Monitoring ID         | Location                          | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments                                    |
|---------------------------------|-----------------------|-----------------------------------|----------|------|------------|-----------------|---|
| SED-BACK15                      | Background Monitoring | 30' N of SEDBACK15<br>Depth: 5.5' | 11/12/13 | 0847 | -1         | 4.6             |   |
|                                 |                       |                                   |          | 0848 | -2.75      | 3.0             |   |
|                                 |                       |                                   |          | 0849 | -4.5       | 1.7             |   |
|                                 |                       | 30' S of SEDBACK15<br>Depth: 6'   | 11/12/13 | 0843 | -1         | 4.2             | Skiff propeller stirred up bottom sediment. |
|                                 |                       |                                   |          | 0844 | -3         | <b>30.7</b>     |   |
|                                 |                       |                                   |          | 0854 | -5         | 5.3             |   |
|                                 | 1st Hour Monitoring   | 30' N of SEDBACK15<br>Depth: 4.5' | 11/12/13 | 0937 | -1         | 3.0             |   |
|                                 |                       |                                   |          | 0938 | -2.25      | 3.2             |   |
|                                 |                       |                                   |          | 0939 | -3.5       | 4.3             |   |
|                                 |                       | 30' S of SEDBACK15<br>Depth: 5'   | 11/12/13 | 0944 | -1         | 2.6             |   |
|                                 |                       |                                   |          | 0945 | -2.5       | 2.4             |   |
|                                 |                       |                                   |          | 0946 | -4         | 3.0             |   |
|                                 | 2nd Hour Monitoring   | 30' N of SEDBACK15<br>Depth: 5'   | 11/12/13 | 1002 | -1         | 2.8             |   |
|                                 |                       |                                   |          | 1003 | -2.5       | 4.0             |   |
|                                 |                       |                                   |          | 1004 | -4         | 3.4             |   |
| 30' S of SEDBACK15<br>Depth: 5' |                       | 11/12/13                          | 1009     | -1   | 2.7        |                 |   |
|                                 |                       |                                   | 1010     | -2.5 | 2.3        |                 |   |
|                                 |                       |                                   | 1011     | -4   | 2.5        |                 |   |
| SED3.5B                         | Background Monitoring | 30' N of SED3.5B<br>Depth: 12'    | 11/12/13 | 1146 | -1         | 4.4             |   |
|                                 |                       |                                   |          | 1147 | -6         | 5.1             |   |
|                                 |                       |                                   |          | 1148 | -11        | 7.2             |   |
|                                 |                       | 30' S of SED3.5B<br>Depth: 11'    | 11/12/13 | 1134 | -1         | 2.7             |   |
|                                 |                       |                                   |          | 1135 | -5.5       | 5.1             |   |
|                                 |                       |                                   |          | 1136 | -10        | 5.3             |   |
|                                 | 1st Hour Monitoring   | 30' N of SED3.5B<br>Depth: 9'     | 11/12/13 | 1235 | -1         | 4.0             |   |
|                                 |                       |                                   |          | 1236 | -4.5       | 4.4             |   |
|                                 |                       |                                   |          | 1237 | -8         | 4.8             |   |
|                                 |                       | 30' S of SED3.5B<br>Depth: 5'     | 11/12/13 | 1230 | -1         | 4.0             |   |
|                                 |                       |                                   |          | 1231 | -2.5       | 5.1             |   |
|                                 |                       |                                   |          | 1232 | -4         | 5.4             |   |
| SED4A                           | Background Monitoring | 30' N of SED4A<br>Depth: 10'      | 11/12/13 | 1327 | -1         | 4.5             |   |
|                                 |                       |                                   |          | 1328 | -5         | 8.0             |   |
|                                 |                       |                                   |          | 1329 | -9         | 9.5             |   |
|                                 |                       | 30' S of SED4A<br>Depth: 14'      | 11/12/13 | 1323 | -1         | 6.0             |   |
|                                 |                       |                                   |          | 1324 | -7         | 8.2             |   |
|                                 |                       |                                   |          | 1325 | -13        | 7.5             |   |
|                                 | 1st Hour Monitoring   | 30' N of SED10A<br>Depth: 10'     | 11/12/13 | 1332 | -1         | 6.0             |   |
|                                 |                       |                                   |          | 1333 | -5         | 6.2             |   |
|                                 |                       |                                   |          | 1334 | -9         | 6.5             |   |
|                                 |                       | 30' S of SED10A<br>Depth: 14'     | 11/12/13 | 1337 | -1         | 6.0             |   |
|                                 |                       |                                   |          | 1338 | -7         | 6.5             |   |
|                                 |                       |                                   |          | 1339 | -13        | 6.2             |   |
| <b>Threshold Value</b>          |                       |                                   |          |      |            | 30.5            |   |

**Phase I Sediment Sampling  
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Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location                       | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments |
|------------------------|-----------------------|--------------------------------|----------|------|------------|-----------------|----------|
| SED4C                  | Background Monitoring | 30' N of SED4C<br>Depth: 4'    | 11/12/13 | 1404 | -1         | 2.5             |          |
|                        |                       |                                |          | 1405 | -2         | 1.8             |          |
|                        |                       |                                |          | 1406 | -3         | 2.6             |          |
|                        |                       | 30' S of SED4C<br>Depth: 3'    | 11/12/13 | 1359 | -1         | 2.3             |          |
|                        |                       |                                |          | 1400 | -1.5       | 1.0             |          |
|                        |                       |                                |          | 1401 | -2         | 0.9             |          |
|                        | 1st Hour Monitoring   | 30' N of SED4C<br>Depth: 4'    | 11/12/13 | 1410 | -1         | 1.3             |          |
|                        |                       |                                |          | 1411 | -2         | 2.0             |          |
|                        |                       |                                |          | 1412 | -3         | 1.7             |          |
|                        |                       | 30' S of SED4C<br>Depth: 4'    | 11/12/13 | 1442 | -1         | 0.6             |          |
|                        |                       |                                |          | 1443 | -2         | 1.4             |          |
|                        |                       |                                |          | 1444 | -3         | 2.6             |          |
| SED5.5B                | Background Monitoring | 30' N of SED5.5B<br>Depth: 10' | 11/12/13 | 1442 | -1         | 3.3             |          |
|                        |                       |                                |          | 1443 | -5         | 3.8             |          |
|                        |                       |                                |          | 1444 | -9         | 4.3             |          |
|                        |                       | 30' S of SED5.5B<br>Depth: 9'  | 11/12/13 | 1446 | -1         | 0.8             |          |
|                        |                       |                                |          | 1447 | -4.5       | 2.2             |          |
|                        |                       |                                |          | 1448 | -8         | 3.0             |          |
|                        | 1st Hour Monitoring   | 30' N of SED5.5B<br>Depth: 9'  | 11/12/13 | 1508 | -1         | 0.4             |          |
|                        |                       |                                |          | 1509 | -4.5       | 0.6             |          |
|                        |                       |                                |          | 1510 | -8         | 0.4             |          |
|                        |                       | 30' S of SED5.5B<br>Depth: 10' | 11/12/13 | 1505 | -1         | 1.1             |          |
|                        |                       |                                |          | 1506 | -5         | 1.8             |          |
|                        |                       |                                |          | 1507 | -9         | 2.0             |          |
| SED8.5B                | Background Monitoring | 30' N of SED8.5B<br>Depth: 10' | 11/13/13 | 0825 | -1         | 2.8             |          |
|                        |                       |                                |          | 0826 | -5         | 3.3             |          |
|                        |                       |                                |          | 0827 | -9         | 3.2             |          |
|                        |                       | 30' S of SED8.5B<br>Depth: 10' | 11/13/13 | 0821 | -1         | 3.0             |          |
|                        |                       |                                |          | 0822 | -5         | 3.3             |          |
|                        |                       |                                |          | 0823 | -9         | 4.1             |          |
|                        | 1st Hour Monitoring   | 30' N of SED8.5B<br>Depth: 7'  | 11/13/13 | 0843 | -1         | 2.1             |          |
|                        |                       |                                |          | 0844 | -3.5       | 3.0             |          |
|                        |                       |                                |          | 0845 | -6         | 5.2             |          |
|                        |                       | 30' S of SED8.5B<br>Depth: 9'  | 11/13/13 | 0838 | -1         | 2.5             |          |
|                        |                       |                                |          | 0839 | -4.5       | 3.0             |          |
|                        |                       |                                |          | 0840 | -8         | 2.8             |          |
| <b>Threshold Value</b> |                       |                                |          |      |            | 30.5            |          |



**Phase I Sediment Sampling  
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3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location                      | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments                                       |
|------------------------|-----------------------|-------------------------------|----------|------|------------|-----------------|--|
| SED8B                  | Background Monitoring | 30' N of SED8B<br>Depth: 6'   | 11/13/13 | 0908 | -1         | 1.5             |  |
|                        |                       |                               |          | 0909 | -3         | 4.2             |  |
|                        |                       |                               |          | 0910 | -5         | 4.8             |  |
|                        |                       | 30' S of SED8B Depth:<br>6'   | 11/13/13 | 0904 | -1         | 5.9             |  |
|                        |                       |                               |          | 0905 | -3         | 5.4             |  |
|                        |                       |                               |          | 0906 | -5         | 6.0             |  |
|                        | 1st Hour Monitoring   | 30' N of SED8B<br>Depth: 10'  | 11/13/13 | 0932 | -1         | 1.4             |  |
|                        |                       |                               |          | 0933 | -5         | 2.7             |  |
|                        |                       |                               |          | 0934 | -9         | 2.9             |  |
|                        |                       | 30' S of SED8B Depth:<br>6'   | 11/13/13 | 0929 | -1         | 5.9             |  |
|                        |                       |                               |          | 0930 | -3         | 5.1             |  |
|                        |                       |                               |          | 0931 | -5         | 5.2             |  |
| SED8A                  | Background Monitoring | 30' N of SED8A<br>Depth: 5'   | 11/13/13 | 1004 | -1         | 3.0             | Sediment disturbed by measuring stick at 1006. |
|                        |                       |                               |          | 1005 | -2.5       | 5.7             |  |
|                        |                       |                               |          | 1006 | -4         | 16.5            |  |
|                        |                       | 30' S of SED8A Depth:<br>4'   | 11/13/13 | 0957 | -1         | 2.1             |  |
|                        |                       |                               |          | 0958 | -2         | 1.4             |  |
|                        |                       |                               |          | 0959 | -3         | 3.4             |  |
|                        | 1st Hour Monitoring   | 30' N of SED8A<br>Depth: 5'   | 11/13/13 | 1006 | -1         | 2.7             |  |
|                        |                       |                               |          | 1007 | -2.5       | 1.0             |  |
|                        |                       |                               |          | 1008 | -4         | 3.5             |  |
|                        |                       | 30' S of SED8A Depth:<br>3'   | 11/13/13 | 1011 | -1         | 5.0             |  |
|                        |                       |                               |          | 1012 | -1.5       | 2.8             |  |
|                        |                       |                               |          | 1013 | -2         | 6.0             |  |
| SED7B                  | Background Monitoring | 30' N of SED7B<br>Depth: 7'   | 11/13/13 | 1044 | -1         | 4.1             |  |
|                        |                       |                               |          | 1045 | -3.5       | 9.6             |  |
|                        |                       |                               |          | 1046 | -6         | 4.0             |  |
|                        |                       | 30' S of SED7B Depth:<br>5.5' | 11/13/13 | 1042 | -1         | 1.7             |  |
|                        |                       |                               |          | 1043 | -2.75      | 4.2             |  |
|                        |                       |                               |          | 1044 | -4.5       | 5.1             |  |
|                        | 1st Hour Monitoring   | 30' N of SED7B<br>Depth: 6'   | 11/13/13 | 1050 | -1         | 1.8             |  |
|                        |                       |                               |          | 1051 | -3         | 2.7             |  |
|                        |                       |                               |          | 1052 | -5         | 4.2             |  |
|                        |                       | 30' S of SED7B Depth:<br>6.5' | 11/13/13 | 1054 | -1         | 4.3             |  |
|                        |                       |                               |          | 1055 | -3.25      | 5.6             |  |
|                        |                       |                               |          | 1056 | -5.5       | 3.8             |  |
| <b>Threshold Value</b> |                       |                               |          |      |            | 30.5            |  |

**Phase I Sediment Sampling  
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3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location                      | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments                                       |
|------------------------|-----------------------|-------------------------------|----------|------|------------|-----------------|--|
| SED7A                  | Background Monitoring | 30' N of SED7A<br>Depth: 3'   | 11/13/13 | 1129 | -1         | 1.3             |  |
|                        |                       |                               |          | 1130 | -1.5       | 3.0             |  |
|                        |                       |                               |          | 1131 | -2         | 4.1             |  |
|                        |                       | 30' S of SED7A Depth:<br>4.5' | 11/13/13 | 1133 | -1         | 5.1             |  |
|                        |                       |                               |          | 1134 | -2.25      | 3.1             |  |
|                        |                       |                               |          | 1135 | -3.5       | 6.5             |  |
|                        | 1st Hour Monitoring   | 30' N of SED7A<br>Depth: 3.5' | 11/13/13 | 1159 | -1         | 17.9            | Skiff propeller stirred up<br>bottom sediment. |
|                        |                       |                               |          | 1200 | -1.75      | 23.5            |  |
|                        |                       |                               |          | 1201 | -2.5       | 20.3            |  |
|                        |                       | 30' S of SED7A Depth:<br>3'   | 11/13/13 | 1149 | -1         | 5.0             |  |
|                        |                       |                               |          | 1150 | -1.5       | 7.3             |  |
|                        |                       |                               |          | 1151 | -2         | 5.0             |  |
| SED6B                  | Background Monitoring | 30' N of SED6B<br>Depth: 6.5' | 11/13/13 | 1235 | -1         | 5.0             |  |
|                        |                       |                               |          | 1236 | -3.25      | 6.7             |  |
|                        |                       |                               |          | 1237 | -5.5       | 8.4             |  |
|                        |                       | 30' S of SED6B Depth:<br>6.5' | 11/13/13 | 1232 | -1         | 5.4             |  |
|                        |                       |                               |          | 1233 | -3.25      | 6.5             |  |
|                        |                       |                               |          | 1234 | -5.5       | 8.1             |  |
|                        | Post Monitoring       | 30' N of SED6B<br>Depth: 6.5' | 11/13/13 | 1239 | -1         | 4.3             |  |
|                        |                       |                               |          | 1240 | -3.25      | 4.5             |  |
|                        |                       |                               |          | 1241 | -5.5       | 9.4             |  |
|                        |                       | 30' S of SED6B Depth:<br>6.5' | 11/13/13 | 1244 | -1         | 4.5             |  |
|                        |                       |                               |          | 1245 | -3.25      | 3.6             |  |
|                        |                       |                               |          | 1246 | -5.5       | 4.8             |  |
| SED6A                  | Background Monitoring | 30' N of SED6A<br>Depth: 6.5' | 11/13/13 | 1332 | -1         | 6.2             |  |
|                        |                       |                               |          | 1333 | -3.25      | 6.6             |  |
|                        |                       |                               |          | 1334 | -5.5       | 11.2            |  |
|                        |                       | 30' S of SED6A Depth:<br>5.5' | 11/13/13 | 1336 | -1         | 5.0             |  |
|                        |                       |                               |          | 1337 | -2.75      | 8.3             |  |
|                        |                       |                               |          | 1338 | -4.5       | 8.1             |  |
|                        | 1st Hour Monitoring   | 30' N of SED6A<br>Depth: 6.5' | 11/13/13 | 1343 | -1         | 3.8             |  |
|                        |                       |                               |          | 1344 | -3.25      | 6.2             |  |
|                        |                       |                               |          | 1345 | -5.5       | 6.5             |  |
|                        |                       | 30' S of SED6A Depth:<br>5.5' | 11/13/13 | 1340 | -1         | 5.2             |  |
|                        |                       |                               |          | 1341 | -2.75      | 6.3             |  |
|                        |                       |                               |          | 1342 | -4.5       | 9.0             |  |
|                        | Post Monitoring       | 30' N of SED6A<br>Depth: 6.5' | 11/13/13 | 1405 | -1         | 5.5             |  |
|                        |                       |                               |          | 1406 | -3.25      | 6.1             |  |
|                        |                       |                               |          | 1407 | -5.5       | 5.7             |  |
|                        |                       | 30' S of SED6A Depth:<br>6.5' | 11/13/13 | 1408 | -1         | 4.7             |  |
|                        |                       |                               |          | 1409 | -3.25      | 6.0             |  |
|                        |                       |                               |          | 1410 | -5.5       | 9.1             |  |
| <b>Threshold Value</b> |                       |                               |          |      |            | 30.5            |  |

**Phase I Sediment Sampling  
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3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location                  | Monitoring ID         | Location                         | Date     | Time  | Depth (ft) | Turbidity (NTU) | Comments                                  |
|----------------------------------|-----------------------|----------------------------------|----------|-------|------------|-----------------|---|
| SEDBACK4                         | Background Monitoring | 30' N of SEDBACK4<br>Depth: 8'   | 11/14/13 | 0756  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 0757  | -4         | 0.0             |   |
|                                  |                       |                                  |          | 0758  | -7         | 3.0             |   |
|                                  |                       | 30' S of SEDBACK4<br>Depth: 11'  | 11/14/13 | 0800  | -1         | 0.1             |   |
|                                  |                       |                                  |          | 0801  | -5.5       | 0.0             |   |
|                                  |                       |                                  |          | 0802  | -10        | 0.0             |   |
|                                  | 1st Hour Monitoring   | 30' N of SEDBACK4<br>Depth: 8'   | 11/14/13 | 0812  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 0813  | -4         | 0.0             |   |
|                                  |                       |                                  |          | 0814  | -7         | 0.3             |   |
|                                  |                       | 30' S of SEDBACK4<br>Depth: 11'  | 11/14/13 | 0809  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 0810  | -5.5       | 0.0             |   |
|                                  |                       |                                  |          | 0811  | -10        | 0.0             |   |
|                                  | 2nd Hour Monitoring   | 30' N of SEDBACK4<br>Depth: 8.5' | 11/14/13 | 0913  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 0914  | -4.25      | 0.0             |   |
|                                  |                       |                                  |          | 0915  | -7.5       | 0.0             |   |
| 30' S of SEDBACK4<br>Depth: 9.5' |                       | 11/14/13                         | 0921     | -1    | 0.0        |                 |   |
|                                  |                       |                                  | 0922     | -4.75 | 0.0        |                 |   |
|                                  |                       |                                  | 0923     | -8.5  | 0.0        |                 |   |
| SEDBACK5                         | Background Monitoring | 30' N of SEDBACK5<br>Depth: 5'   | 11/14/13 | 1047  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 1048  | -2.5       | 0.0             |   |
|                                  |                       |                                  |          | 1049  | -4         | 0.8             |   |
|                                  |                       | 30' S of SEDBACK5<br>Depth: 6'   | 11/14/13 | 1043  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 1044  | -3         | 0.3             |   |
|                                  | 1st Hour Monitoring   | 30' N of SEDBACK5<br>Depth: 6'   | 11/14/13 | 1053  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 1054  | -3         | 0.6             |   |
|                                  |                       |                                  |          | 1055  | -5         | 0.7             |   |
|                                  |                       | 30' S of SEDBACK5<br>Depth: 8'   | 11/14/13 | 1056  | -1         | 0.0             |   |
|                                  |                       |                                  |          | 1057  | -4         | 0.0             |   |
| 1058                             | -7                    | 0.0                              |          |       |            |                 |   |
| SED8C                            | Background Monitoring | 30' N of SED8C<br>Depth: 6'      | 11/14/13 | 1225  | -1         | 24.0            | Boat propeller stirred up bottom sediment |
|                                  |                       |                                  |          | 1226  | -3         | 14.5            |   |
|                                  |                       |                                  |          | 1227  | -5         | <b>38.8</b>     |   |
|                                  |                       | 30' S of SED8C<br>Depth: 7'      | 11/14/13 | 1231  | -1         | 6.7             |   |
|                                  |                       |                                  |          | 1232  | -3.5       | 3.2             |   |
|                                  |                       |                                  |          | 1233  | -6         | 4.0             |   |
|                                  | 1st Hour Monitoring   | 30' N of SED8C<br>Depth: 8'      | 11/14/13 | 1239  | -1         | 12.9            |   |
|                                  |                       |                                  |          | 1240  | -4         | 5.6             |   |
|                                  |                       |                                  |          | 1241  | -7         | 5.5             |   |
|                                  |                       | 30' S of SED8C<br>Depth: 7'      | 11/14/13 | 1236  | -1         | 1.0             |   |
|                                  |                       |                                  |          | 1237  | -3.5       | 3.3             |   |
| 1238                             | -6                    | 3.4                              |          |       |            |                 |   |
| <b>Threshold Value</b>           |                       |                                  |          |       |            | 30.5            |   |

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3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location                 | Monitoring ID         | Location                        | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments |
|---------------------------------|-----------------------|---------------------------------|----------|------|------------|-----------------|----------|
| SED6C                           | Background Monitoring | 30' N of SED6C<br>Depth: 3'     | 11/14/13 | 1330 | -1         | 6.0             |          |
|                                 |                       |                                 |          | 1331 | -1.5       | 11.5            |          |
|                                 |                       |                                 |          | 1332 | -2         | 11.2            |          |
|                                 |                       | 30' S of SED6C<br>Depth: 3'     | 11/14/13 | 1327 | -1         | 1.1             |          |
|                                 |                       |                                 |          | 1328 | -1.5       | 3.7             |          |
|                                 |                       |                                 |          | 1329 | -2         | 3.3             |          |
|                                 | 1st Hour Monitoring   | 30' N of SED6C<br>Depth: 3'     | 11/14/13 | 1334 | -1         | 1.4             |          |
|                                 |                       |                                 |          | 1335 | -1.5       | 3.8             |          |
|                                 |                       |                                 |          | 1336 | -2         | 5.4             |          |
|                                 |                       | 30' S of SED6C<br>Depth: 4'     | 11/14/13 | 1339 | -1         | 1.1             |          |
|                                 |                       |                                 |          | 1340 | -2         | 3.3             |          |
|                                 |                       |                                 |          | 1341 | -3         | 3.2             |          |
| SEDBACK13                       | Background Monitoring | 30' N of SEDBACK13<br>Depth: 6' | 11/14/13 | 1438 | -1         | 3.1             |          |
|                                 |                       |                                 |          | 1439 | -3         | 3.7             |          |
|                                 |                       |                                 |          | 1440 | -5         | 3.5             |          |
|                                 |                       | 30' S of SEDBACK13<br>Depth: 9' | 11/14/13 | 1441 | -1         | 0.0             |          |
|                                 |                       |                                 |          | 1442 | -4.5       | 2.6             |          |
|                                 |                       |                                 |          | 1443 | -8         | 2.3             |          |
|                                 | 1st Hour Monitoring   | 30' N of SEDBACK13<br>Depth: 6' | 11/14/13 | 1448 | -1         | 1.6             |          |
|                                 |                       |                                 |          | 1449 | -3         | 5.7             |          |
|                                 |                       |                                 |          | 1450 | -5         | 3.2             |          |
|                                 |                       | 30' S of SEDBACK13<br>Depth: 9' | 11/14/13 | 1445 | -1         | 0.0             |          |
|                                 |                       |                                 |          | 1446 | -4.5       | 0.0             |          |
|                                 |                       |                                 |          | 1447 | -8         | 1.2             |          |
| SEDBACK12                       | Background Monitoring | 30' N of SEDBACK12<br>Depth: 4' | 11/14/13 | 1502 | -1         | 3.3             |          |
|                                 |                       |                                 |          | 1503 | -2         | 2.4             |          |
|                                 |                       |                                 |          | 1504 | -3         | 3.4             |          |
|                                 |                       | 30' S of SEDBACK12<br>Depth: 4' | 11/14/13 | 1509 | -1         | 1.9             |          |
|                                 |                       |                                 |          | 1510 | -2         | 2.2             |          |
|                                 |                       |                                 |          | 1511 | -3         | 1.2             |          |
|                                 | 1st Hour Monitoring   | 30' N of SEDBACK12<br>Depth: 4' | 11/14/13 | 1512 | -1         | 4.6             |          |
|                                 |                       |                                 |          | 1513 | -2         | 0.5             |          |
|                                 |                       |                                 |          | 1514 | -3         | 4.6             |          |
|                                 |                       | 30' S of SEDBACK12<br>Depth: 4' | 11/14/13 | 1515 | -1         | 0.8             |          |
|                                 |                       |                                 |          | 1516 | -2         | 3.0             |          |
|                                 |                       |                                 |          | 1517 | -3         | 4.6             |          |
|                                 | Post Monitoring       | 30' N of SEDBACK12<br>Depth: 3' | 11/14/13 | 1521 | -1         | 0.0             |          |
|                                 |                       |                                 |          | 1522 | -1.5       | 0.0             |          |
|                                 |                       |                                 |          | 1523 | -2         | 0.6             |          |
| 30' S of SEDBACK12<br>Depth: 3' |                       | 11/14/13                        | 1519     | -1   | 2.2        |                 |          |
|                                 |                       |                                 | 1520     | -1.5 | 1.3        |                 |          |
|                                 |                       |                                 | 1521     | -2   | 1.1        |                 |          |
| <b>Threshold Value</b>          |                       |                                 |          |      |            | 30.5            |          |

**Phase I Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location                        | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments |
|------------------------|-----------------------|---------------------------------|----------|------|------------|-----------------|----------|
| SEDBACK3               | Background Monitoring | 30' N of SEDBACK3<br>Depth: 3'  | 11/15/13 | 0658 | -1         | 0.0             |          |
|                        |                       |                                 |          | 0659 | -1.5       | 0.0             |          |
|                        |                       |                                 |          | 0700 | -2         | 0.0             |          |
|                        |                       | 30' S of SEDBACK3<br>Depth: 5'  | 11/15/13 | 0652 | -1         | 0.2             |          |
|                        |                       |                                 |          | 0653 | -2.5       | 0.0             |          |
|                        |                       |                                 |          | 0654 | -4         | 0.0             |          |
|                        | 1st Hour Monitoring   | 30' N of SEDBACK3<br>Depth: 3'  | 11/15/13 | 0705 | -1         | 0.0             |          |
|                        |                       |                                 |          | 0706 | -1.5       | 0.0             |          |
|                        |                       |                                 |          | 0707 | -2         | 0.0             |          |
|                        |                       | 30' S of SEDBACK3<br>Depth: 4'  | 11/15/13 | 0708 | -1         | 0.0             |          |
|                        |                       |                                 |          | 0709 | -2         | 0.0             |          |
|                        |                       |                                 |          | 0710 | -3         | 0.0             |          |
| SEDBACK6               | Background Monitoring | 30' N of SEDBACK6<br>Depth: 3'  | 11/15/13 | 0804 | -1         | 17.8            |          |
|                        |                       |                                 |          | 0805 | -1.5       | 21.6            |          |
|                        |                       |                                 |          | 0806 | -2         | 23.3            |          |
|                        |                       | 30' S of SEDBACK6<br>Depth: 3'  | 11/15/13 | 0807 | -1         | 0.7             |          |
|                        |                       |                                 |          | 0808 | -1.5       | 3.7             |          |
|                        |                       |                                 |          | 0809 | -2         | 3.7             |          |
|                        | 1st Hour Monitoring   | 30' N of SEDBACK6<br>Depth: 4'  | 11/15/13 | 0813 | -1         | 2.0             |          |
|                        |                       |                                 |          | 0814 | -2         | 2.0             |          |
|                        |                       |                                 |          | 0815 | -3         | 2.0             |          |
|                        |                       | 30' S of SEDBACK6<br>Depth: 3'  | 11/15/13 | 0810 | -1         | 0.4             |          |
|                        |                       |                                 |          | 0811 | -1.5       | 1.2             |          |
|                        |                       |                                 |          | 0812 | -2         | 1.1             |          |
| SEDBACK11              | Background Monitoring | 30' N of SEDBACK11<br>Depth: 3' | 11/15/13 | 0924 | -1         | 0.5             |          |
|                        |                       |                                 |          | 0925 | -1.5       | 0.9             |          |
|                        |                       |                                 |          | 0926 | -2         | 1.2             |          |
|                        |                       | 30' S of SEDBACK11<br>Depth: 4' | 11/15/13 | 0920 | -1         | 0.6             |          |
|                        |                       |                                 |          | 0921 | -2         | 0.6             |          |
|                        |                       |                                 |          | 0922 | -3         | 0.7             |          |
|                        | 1st Hour Monitoring   | 30' N of SEDBACK11<br>Depth: 3' | 11/15/13 | 0927 | -1         | 0.8             |          |
|                        |                       |                                 |          | 0928 | -1.5       | 1.7             |          |
|                        |                       |                                 |          | 0929 | -2         | 2.0             |          |
|                        |                       | 30' S of SEDBACK11<br>Depth: 3' | 11/15/13 | 0930 | -1         | 1.0             |          |
|                        |                       |                                 |          | 0931 | -1.5       | 0.5             |          |
|                        |                       |                                 |          | 0932 | -2         | 1.4             |          |
| <b>Threshold Value</b> |                       |                                 |          |      |            | 30.5            |          |

**Phase I Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| Boring Location        | Monitoring ID         | Location                        | Date     | Time | Depth (ft) | Turbidity (NTU) | Comments |
|------------------------|-----------------------|---------------------------------|----------|------|------------|-----------------|----------|
| SEDBACKW1              | Background Monitoring | 30' N of SEDBACKW1<br>Depth: 3' | 11/15/13 | 1112 | -1         | 0.4             |          |
|                        |                       |                                 |          | 1113 | -1.5       | 1.1             |          |
|                        |                       |                                 |          | 1114 | -2         | 1.3             |          |
|                        |                       | 30' S of SEDBACKW1<br>Depth: 7' | 11/15/13 | 1109 | -1         | 1.6             |          |
|                        |                       |                                 |          | 1110 | -3.5       | 2.4             |          |
|                        |                       |                                 |          | 1111 | -6         | 2.3             |          |
|                        | 1st Hour Monitoring   | 30' N of SEDBACKW1<br>Depth: 4' | 11/15/13 | 1116 | -1         | 2.8             |          |
|                        |                       |                                 |          | 1117 | -2         | 1.8             |          |
|                        |                       |                                 |          | 1118 | -3         | 2.2             |          |
|                        |                       | 30' S of SEDBACKW1<br>Depth: 6' | 11/15/13 | 1119 | -1         | 1.8             |          |
|                        |                       |                                 |          | 1120 | -3         | 2.0             |          |
|                        |                       |                                 |          | 1121 | -5         | 2.0             |          |
| SEDBACKW2              | Background Monitoring | 30' N of SEDBACKW2<br>Depth: 3' | 11/15/13 | 1212 | -1         | 8.1             |          |
|                        |                       |                                 |          | 1213 | -1.5       | 14.1            |          |
|                        |                       |                                 |          | 1213 | -2         | 8.1             |          |
|                        |                       | 30' S of SEDBACKW2<br>Depth: 3' | 11/15/13 | 1209 | -1         | 1.5             |          |
|                        |                       |                                 |          | 1210 | -1.5       | 0.8             |          |
|                        |                       |                                 |          | 1211 | -2         | 0.9             |          |
|                        | 1st Hour Monitoring   | 30' N of SEDBACKW2<br>Depth: 3' | 11/15/13 | 1214 | -1         | 29.1            |          |
|                        |                       |                                 |          | 1215 | -1.5       | 28.2            |          |
|                        |                       |                                 |          | 1216 | -2         | <b>31.4</b>     |          |
|                        |                       | 30' S of SEDBACKW2<br>Depth: 3' | 11/15/13 | 1217 | -1         | 10.9            |          |
|                        |                       |                                 |          | 1218 | -1.5       | 21.5            |          |
|                        |                       |                                 |          | 1219 | -2         | 17.9            |          |
|                        | Post Monitoring       | 30' N of SEDBACKW2<br>Depth: 3' | 11/15/13 | 1224 | -1         | 25.0            |          |
|                        |                       |                                 |          | 1225 | -1.5       | 30.2            |          |
|                        |                       |                                 |          | 1226 | -2         | <b>31.0</b>     |          |
|                        |                       | 30' S of SEDBACKW2<br>Depth: 3' | 11/15/13 | 1226 | -1         | 0.0             |          |
|                        |                       |                                 |          | 1227 | -1.5       | 13.0            |          |
|                        |                       |                                 |          | 1228 | -2         | 12.0            |          |
| <b>Threshold Value</b> |                       |                                 |          |      |            | 30.5            |          |

Notes:

Readings in **bold** exceeded the threshold value.

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
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| <b>Baseline Monitoring</b>                  |             |   |  |                            |
|---|-------------|---|--|----------------------------|
| <b>Transect 1: N 447462.25 E 1323190.89</b> |             |   |  |                            |
| <b>Date</b>                                 | <b>Time</b> | <b>Depth to Bottom<br/>(ft below waterline)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| 5/16/2017                                   | 0758        | 1.0   | 0.5  | 23.3                       |
|   |             |   |  |                            |
| 5/16/2017                                   | 0910        | 1.5   | 0.75   | 22.8                       |
|   |             |   |  |                            |
| 5/16/2017                                   | 1000        | 2.0   | 1.0  | 17.8                       |
|   |             |   |  |                            |
| 5/16/2017                                   | 1105        | 3.4   | 1.7  | 21.3                       |
|   |             |   |  |                            |
| 5/16/2017                                   | 1205        | 3.5   | 1.7  | 14.2                       |
|   |             |   |  |                            |
| 5/16/2017                                   | 1305        | 3.6   | 1.8  | 13.6                       |
|   |             |   |  |                            |
| 5/16/2017                                   | 1405        | 3.6   | 1.0  | 16.1                       |
|   |             |   | 2.6  | 17.5                       |
| 5/16/2017                                   | 1505        | 2.7   | 1.4  | 23.5                       |
|   |             |   |  |                            |
| 5/18/2017                                   | 0800        | 1.4   | 1.0  | 42.0                       |
|   |             |   |  |                            |
| 5/18/2017                                   | 0900        | 1.1   | 0.5  | 20.2                       |
|   |             |   |  |                            |
| 5/18/2017                                   | 1000        | 1.1   | 0.5  | 8.1                        |
|   |             |   |  |                            |
| 5/18/2017                                   | 1100        | 2.0   | 1.0  | 1.5                        |
|   |             |   |  |                            |
| 5/18/2017                                   | 1200        | 2.8   | 1.5  | 7.9                        |
|   |             |   |  |                            |
| 5/18/2017                                   | 1300        | 3.4   | 1.0  | 5.1                        |
|   |             |   | 2.5  | 5.0                        |
| 5/18/2017                                   | 1400        | 3.5   | 1.0  | 1.9                        |
|   |             |   | 2.5  | 1.4                        |
| 5/18/2017                                   | 1500        | 3.4   | 1.0  | 1.8                        |
|   |             |   | 2.4  | 1.4                        |

**Phase II Sediment Sampling  
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Benning Road Facility RI/FS Project  
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| <b>Baseline Monitoring</b>                  |             |   |  |                            |
|---|-------------|---|--|----------------------------|
| <b>Transect 2: N 449338.50 E 1323241.51</b> |             |   |  |                            |
| <b>Date</b>                                 | <b>Time</b> | <b>Depth to Bottom<br/>(ft below waterline)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| 5/16/2017                                   | 0806        | 9.0   | 1.0  | 20.5                       |
|   |             |   | 4.5  | 23.9                       |
|   |             |   | 8.0  | 24.3                       |
| 5/16/2017                                   | 0920        | 10  | 1.0  | 23.0                       |
|   |             |   | 5.0  | 24.5                       |
|   |             |   | 9.0  | 26.0                       |
| 5/16/2017                                   | 1005        | 10  | 1.0  | 26.2                       |
|   |             |   | 5.0  | 29.6                       |
|   |             |   | 9.0  | 35.5                       |
| 5/16/2017                                   | 1110        | 11  | 1.0  | 25.4                       |
|   |             |   | 5.5  | 26.0                       |
|   |             |   | 10.0   | 25.8                       |
| 5/16/2017                                   | 1210        | 11.4  | 1.0  | 18.0                       |
|   |             |   | 5.7  | 21.0                       |
|   |             |   | 10.4   | 25.5                       |
| 5/16/2017                                   | 1310        | 11.4  | 1.0  | 13.9                       |
|   |             |   | 5.7  | 18.7                       |
|   |             |   | 10.4   | 22.7                       |
| 5/16/2017                                   | 1410        | 11.1  | 1.0  | 12.5                       |
|   |             |   | 5.5  | 17.5                       |
|   |             |   | 10.1   | 25.5                       |
| 5/16/2017                                   | 1510        | 10.6  | 1.0  | 13.3                       |
|   |             |   | 5.3  | 18.0                       |
|   |             |   | 9.6  | 20.4                       |
| 5/18/2017                                   | 0805        | 8.8   | 1.0  | 6.3                        |
|   |             |   | 4.4  | 8.0                        |
|   |             |   | 7.8  | 9.0                        |
| 5/18/2017                                   | 0905        | 8.7   | 1.0  | 5.7                        |
|   |             |   | 4.4  | 7.5                        |
|   |             |   | 7.7  | 9.9                        |
| 5/18/2017                                   | 1005        | 8.9   | 1.0  | 4.6                        |
|   |             |   | 4.4  | 6.1                        |
|   |             |   | 7.9  | 6.6                        |
| 5/18/2017                                   | 1105        | 9.5   | 1.0  | 4.2                        |
|   |             |   | 3.7  | 4.5                        |
|   |             |   | 8.5  | 5.0                        |
| 5/18/2017                                   | 1205        | 10.6  | 1.0  | 6.0                        |
|   |             |   | 5.3  | 7.3                        |
|   |             |   | 9.6  | 7.4                        |
| 5/18/2017                                   | 1305        | 11.1  | 1.0  | 5.6                        |
|   |             |   | 5.5  | 6.2                        |
|   |             |   | 10.1   | 6.4                        |
| 5/18/2017                                   | 1405        | 11.5  | 1.0  | 4.9                        |
|   |             |   | 5.7  | 7.4                        |
|   |             |   | 1.5  | 12.2                       |
| 5/18/2017                                   | 1505        | 11.0  | 1.0  | 3.6                        |
|   |             |   | 5.5  | 5.4                        |
|   |             |   | 10.0   | 4.5                        |



**Phase II Sediment Sampling  
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| Baseline Monitoring                  |      |   |                                      |                    |
|--------------------------------------|------|---|--------------------------------------|--------------------|
| Transect 3: N 450840.68 E 1324103.63 |      |   |                                      |                    |
| Date                                 | Time | Depth to Bottom<br>(ft below waterline) | Sample Depth<br>(ft below waterline) | Turbidity<br>(NTU) |
| 5/16/2017                            | 0816 | 3                                       | 1.0                                  | 22.6               |
|                                      |      |   | 1.5                                  | 30.6               |
|                                      |      |   | 2.0                                  | 37.0               |
| 5/16/2017                            | 0925 | 4.5                                     | 1.0                                  | 22.5               |
|                                      |      |   | 2.7                                  | 23.5               |
|                                      |      |   | 3.5                                  | 23.1               |
| 5/16/2017                            | 1015 | 4.8                                     | 1.0                                  | 24.5               |
|                                      |      |   | 2.4                                  | 29.6               |
|                                      |      |   | 3.8                                  | 29.2               |
| 5/16/2017                            | 1115 | 6                                       | 1.0                                  | 20.7               |
|                                      |      |   | 3.0                                  | 21.2               |
|                                      |      |   | 5.0                                  | 20.5               |
| 5/16/2017                            | 1215 | 5.4                                     | 1.0                                  | 14.0               |
|                                      |      |   | 2.7                                  | 14.6               |
|                                      |      |   | 4.4                                  | 14.2               |
| 5/16/2017                            | 1315 | 5.7                                     | 1.0                                  | 15.6               |
|                                      |      |   | 2.8                                  | 16.0               |
|                                      |      |   | 4.7                                  | 16.9               |
| 5/16/2017                            | 1415 | 5                                       | 1.0                                  | 15.9               |
|                                      |      |   | 2.5                                  | 18.3               |
|                                      |      |   | 4.0                                  | 18.1               |
| 5/16/2017                            | 1515 | 5.4                                     | 1.0                                  | 13.4               |
|                                      |      |   | 2.7                                  | 15.2               |
|                                      |      |   | 4.4                                  | 15.0               |
| 5/18/2017                            | 1810 | 2.1                                     | 1.0                                  | 9.9                |
| 5/18/2017                            | 1910 | 2.1                                     | 1.0                                  | 4.9                |
| 5/18/2017                            | 1010 | 3.4                                     | 1.0                                  | 5.3                |
|                                      |      |   | 2.4                                  | 4.3                |
| 5/18/2017                            | 1110 | 4.1                                     | 1.0                                  | 5.7                |
|                                      |      |   | 2.0                                  | 5.6                |
|                                      |      |   | 3.0                                  | 4.4                |
| 5/18/2017                            | 1210 | 5.6                                     | 1.0                                  | 6.0                |
|                                      |      |   | 2.8                                  | 6.9                |
|                                      |      |   | 4.6                                  | 7.4                |
| 5/18/2017                            | 1310 | 6.0                                     | 1.0                                  | 2.9                |
|                                      |      |   | 3.0                                  | 3.3                |
|                                      |      |   | 5.0                                  | 4.5                |
| 5/18/2017                            | 1410 | 6.0                                     | 1.0                                  | 6.2                |
|                                      |      |   | 3.0                                  | 7.1                |
|                                      |      |   | 5.0                                  | 7.9                |
| 5/18/2017                            | 1510 | 4.6                                     | 1.0                                  | 4.5                |
|                                      |      |   | 3.6                                  | 4.5                |

**Phase II Sediment Sampling  
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Benning Road Facility RI/FS Project  
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| <b>Activity Monitoring<br/>6/7/2017</b> |             |                                 |  |                            |
|---|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                  | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED6C - upstream                        | 0939        | 5.9                             | 5.0  | 17.0                       |
|   |             |                                 | 3.0  | 16.5                       |
|   |             |                                 | 1.0  | 16.3                       |
| SED6C - downstream                      | 0943        | 4.6                             | 4.0  | 16.3                       |
|   |             |                                 | 2.0  | 24.7                       |
|   |             |                                 | 1.0  | 28.7                       |
| SED6C - downstream                      | 1007        | 4.5                             | 4.0  | 16.4                       |
|   |             |                                 | 2.0  | 16.3                       |
|   |             |                                 | 1.0  | 16.1                       |
| SED6C - upstream                        | 1010        | 4.7                             | 4.0  | 18.3                       |
|   |             |                                 | 2.0  | 16.8                       |
|   |             |                                 | 1.0  | 16.5                       |
| SED6C - downstream                      | 1040        | 4.2                             | 4.0  | 16.2                       |
|   |             |                                 | 2.0  | 16.2                       |
|   |             |                                 | 1.0  | 16.2                       |
| SED6C - upstream                        | 1044        | 4.5                             | 4.0  | 16.2                       |
|   |             |                                 | 2.0  | 16.1                       |
|   |             |                                 | 1.0  | 16.1                       |
| SED8C - upstream                        | 1121        | 3                               | 2.0  | 17.4                       |
|   |             |                                 |  |                            |
|   |             |                                 | 1.0  | 16.0                       |
| SED8C - downstream                      | 1123        | 2.4                             | 2.0  | 16.0                       |
|   |             |                                 |  |                            |
|   |             |                                 | 1.0  | 16.0                       |
| SED8C - downstream                      | 1126        | 2.7                             | 2  | 17.9                       |
|   |             |                                 |  |                            |
|   |             |                                 | 1  | 17.1                       |
| SED8C - upstream                        | 1134        | 3.9                             | 3  | 16.3                       |
|   |             |                                 | 2.0  | 16.1                       |
|   |             |                                 | 1.0  | 16.1                       |
| SED8C - downstream                      | 1139        | 2                               | 1.0  | 16.4                       |
|   |             |                                 |  |                            |
|   |             |                                 |  |                            |
| SED7B - upstream                        | 1221        | 11                              | 10.0   | 20.4                       |
|   |             |                                 | 5.0  | 20.9                       |
|   |             |                                 | 1.0  | 21.6                       |
| SED7B - downstream                      | 1228        | 7.5                             | 7.0  | 16.2                       |
|   |             |                                 | 3.5  | 16.1                       |
|   |             |                                 | 1.0  | 16                         |
| SED7B - upstream                        | 1232        | 11.1                            | 10.0   | 16.3                       |
|   |             |                                 | 5.0  | 16.2                       |
|   |             |                                 | 1.0  | 16.1                       |
| SED7B - downstream                      | 1235        | 7.8                             | 7.0  | 17.7                       |
|   |             |                                 | 3.5  | 16.5                       |
|   |             |                                 | 1.0  | 16.1                       |
| SED7B - downstream                      | 1250        | 7.5                             | 7.0  | 16.8                       |
|   |             |                                 | 3.5  | 16.5                       |
|   |             |                                 | 1.0  | 16.2                       |
| SED7B - upstream                        | 1255        | 11                              | 10.0   | 16.3                       |
|   |             |                                 | 5.0  | 16.3                       |
|   |             |                                 | 1.0  | 16.2                       |

**Phase II Sediment Sampling  
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| <b>Activity Monitoring<br/>6/8/2017</b> |             |                                 |  |                            |
|---|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                  | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED7C - upstream                        | 0813        | 2.8                             | 2.0  | 0.3                        |
|   |             |                                 | 1.0  | 0.2                        |
| SED7C - downstream                      | 0820        | 2.7                             | 2.0  | 0.3                        |
|   |             |                                 | 1.0  | 0.8                        |
| SED7C - upstream                        | 0825        | 2.7                             | 2.0  | 0.5                        |
|   |             |                                 | 1.0  | 0.6                        |
| SED7C - downstream                      | 0830        | 2.8                             | 2.0  | 0.3                        |
|   |             |                                 | 1.0  | 1.4                        |
| SED7C - upstream                        | 0842        | 2.8                             | 2.0  | 0.2                        |
|   |             |                                 | 1.0  | 2.5                        |
| SED7C - downstream                      | 0845        | 2.8                             | 2.0  | 0.4                        |
|   |             |                                 | 1.0  | 0.2                        |
| SED7.5E - downstream                    | 0858        | 2.7                             | 2.0  | 0.7                        |
|   |             |                                 | 1.0  | 0.1                        |
| SED7.5E - upstream                      | 0902        | 2.0                             | 1.0  | 0.6                        |
|   |             |                                 |  |                            |
| SED7.5E - downstream                    | 0908        | 2.7                             | 2.0  | 1.2                        |
|   |             |                                 | 1.0  | 0.9                        |
| SED7.5E - upstream                      | 0915        | 2.1                             | 1.0  | 1.6                        |
|   |             |                                 |  |                            |
| SED7.5E - downstream                    | 0924        | 2.1                             | 1.0  | 0.8                        |
|   |             |                                 |  |                            |
| SED7.5E - upstream                      | 0930        | 2.0                             | 1.0  | 1.7                        |
|   |             |                                 |  |                            |
| SED6.5E - upstream                      | 0941        | 2.7                             | 2.0  | 0.6                        |
|   |             |                                 | 1.0  | 0.7                        |
| SED6.5E - downstream                    | 0945        | 1.8                             | 1.0  | 3.1                        |
|   |             |                                 |  |                            |
| SED6.5E - upstream                      | 0955        | 2.7                             | 2.0  | 0.3                        |
|   |             |                                 | 1.0  | 1.8                        |
| SED6.5E - downstream                    | 0950        | 1.8                             | 1.0  | 3.6                        |
|   |             |                                 |  |                            |
| SED6.5E - upstream                      | 1008        | 2.7                             | 2.0  | 0.4                        |
|   |             |                                 | 1.0  | 6                          |
| SED6.5E - downstream                    | 1005        | 1.8                             | 1.0  | 13.7                       |
|   |             |                                 |  |                            |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| Activity Monitoring<br>6/8/2017 |      |                         |                                      |                    |
|---------------------------------|------|-------------------------|--------------------------------------|--------------------|
| Boring Location                 | Time | Depth to Bottom<br>(ft) | Sample Depth<br>(ft below waterline) | Turbidity<br>(NTU) |
| SED7E -<br>downstream           | 1022 | 3                       | 3.0                                  | 4.6                |
|                                 |      |                         | 2.0                                  | 3.1                |
|                                 |      |                         | 1.0                                  | 2.2                |
| SED7E - upstream                | 1027 | 2                       | 1.0                                  | 1.3                |
|                                 |      |                         |                                      |                    |
|                                 |      |                         |                                      |                    |
| SED7E -<br>downstream           | 1036 | 1.9                     | 1.0                                  | 8.6                |
|                                 |      |                         |                                      |                    |
|                                 |      |                         |                                      |                    |
| SED7E - upstream                | 1040 | 2                       | 1.0                                  | 7.7                |
|                                 |      |                         |                                      |                    |
|                                 |      |                         |                                      |                    |
| SED7E -<br>downstream           | 1053 | 1.9                     | 1.0                                  | 22.0               |
|                                 |      |                         |                                      |                    |
|                                 |      |                         |                                      |                    |
| SED7E - upstream                | 1050 | 2                       | 1.0                                  | 0.9                |
|                                 |      |                         |                                      |                    |
|                                 |      |                         |                                      |                    |
| SED6B - upstream                | 1227 | 8.2                     | 8.0                                  | 8.5                |
|                                 |      |                         | 4.0                                  | 7.4                |
|                                 |      |                         | 1.0                                  | 5.5                |
| SED6B -<br>downstream           | 1231 | 8.5                     | 8.0                                  | 6.5                |
|                                 |      |                         | 4.0                                  | 7.0                |
|                                 |      |                         | 1.0                                  | 4.9                |
| SED6B - upstream                | 1235 | 8.2                     | 8.0                                  | 5.4                |
|                                 |      |                         | 4.0                                  | 6.3                |
|                                 |      |                         | 1.0                                  | 3.4                |
| SED6B -<br>downstream           | 1248 | 8.5                     | 8.0                                  | 9.2                |
|                                 |      |                         | 4.0                                  | 5.6                |
|                                 |      |                         | 1.0                                  | 5.0                |
| SED6B - upstream                | 1250 | 8.2                     | 8.0                                  | 6.7                |
|                                 |      |                         | 4.0                                  | 5.5                |
|                                 |      |                         | 1.0                                  | 3.3                |
| SED6A - upstream                | 1310 | 5.8                     | 6.0                                  | 6.8                |
|                                 |      |                         | 3.0                                  | 6.3                |
|                                 |      |                         | 1.0                                  | 4.3                |
| SED6A -<br>downstream           | 1302 | 6.7                     | 6.0                                  | 6                  |
|                                 |      |                         | 4.0                                  | 4.6                |
|                                 |      |                         | 1.0                                  | 4.2                |
| SED6A -<br>downstream           | 1315 | 6.7                     | 6.0                                  | 10.6               |
|                                 |      |                         | 3.0                                  | 4.1                |
|                                 |      |                         | 1.0                                  | 3.7                |
| SED6A - upstream                | 1319 | 5.8                     | 6.0                                  | 5.8                |
|                                 |      |                         | 3.0                                  | 2.8                |
|                                 |      |                         | 1.0                                  | 3.7                |
| SED6A -<br>downstream           | 1331 | 6.7                     | 6.0                                  | 3.4                |
|                                 |      |                         | 3.0                                  | 3.5                |
|                                 |      |                         | 1.0                                  | 1.3                |
| SED6A - upstream                | 1335 | 5.8                     | 6.0                                  | 4.7                |
|                                 |      |                         | 3.0                                  | 3.9                |
|                                 |      |                         | 1.0                                  | 3.5                |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| <b>Activity Monitoring<br/>6/9/2017</b> |             |                                 |  |                            |
|---|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                  | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED7.5D- upstream                       | 0758        | 2.6                             | 2.0  | 9.8                        |
|   |             |                                 | 1.0  | 6.5                        |
| SED7.5D -<br>downstream                 | 0815        | 2.7                             | 2.0  | 8.1                        |
|   |             |                                 | 1.0  | 6.5                        |
| SED7.5D - upstream                      | 0816        | 2.6                             | 2.0  | 16.4                       |
|   |             |                                 | 1.0  | 6.1                        |
| SED7.5D -<br>downstream                 | 0820        | 2.7                             | 2.0  | 21.3                       |
|   |             |                                 | 1.0  | 16.3                       |
| SED7.5D - upstream                      | 0831        | 2.6                             | 2.0  | 11.5                       |
|   |             |                                 | 1.0  | 25.4                       |
| SED7.5D -<br>downstream                 | 0837        | 2.7                             | 2.0  | 4.7                        |
|   |             |                                 | 1.0  | 4.6                        |
| SED7D - upstream                        | 0853        | 2.6                             | 2.0  | 11.5                       |
|   |             |                                 | 1.0  | 7.5                        |
| SED7D- downstream                       | 0857        | 2.7                             | 2.0  | 4.4                        |
|   |             |                                 | 1.0  | 3.3                        |
| SED7D - upstream                        | 0907        | 2.6                             | 2.0  | 4.8                        |
|   |             |                                 | 1.0  | 3.6                        |
| SED7D- downstream                       | 0910        | 2.7                             | 2.0  | 4.4                        |
|   |             |                                 | 1.0  | 4.6                        |
| SED7D - upstream                        | 0920        | 2.6                             | 2.0  | 20.3                       |
|   |             |                                 | 1.0  | 6                          |
| SED7D- downstream                       | 0922        | 2.7                             | 2.0  | 6.5                        |
|   |             |                                 | 1.0  | 3.8                        |
| SED6.4D - upstream                      | 0935        | 2.6                             | 2.0  | 4.8                        |
|   |             |                                 | 1.0  | 5.2                        |
| SED6.4D -<br>downstream                 | 0940        | 2.7                             | 2.0  | 11.4                       |
|   |             |                                 | 1.0  | 3.4                        |
| SED6.4D - upstream                      | 0946        | 2.6                             | 2.0  | 3.5                        |
|   |             |                                 | 1.0  | 3.9                        |
| SED6.4D -<br>downstream                 | 0950        | 2.7                             | 2.0  | 2.9                        |
|   |             |                                 | 1.0  | 8.2                        |
| SED6.4D - upstream                      | 1001        | 2.6                             | 2.0  | 6.3                        |
|   |             |                                 | 1.0  | 8.2                        |
| SED6.4D -<br>downstream                 | 1005        | 2.7                             | 2.0  | 3.5                        |
|   |             |                                 | 1.0  | 3.3                        |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| <b>Activity Monitoring<br/>6/9/2017</b> |             |                                 |  |                            |
|---|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                  | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED8A- upstream                         | 1027        | 6.0                             | 4.0  | 13.8                       |
|   |             |                                 | 2.0  | 16.2                       |
|   |             |                                 | 1.0  | 5.4                        |
| SED8A -<br>downstream                   | 1023        | 6.0                             | 5.0  | 12.8                       |
|   |             |                                 | 2.5  | 7.6                        |
|   |             |                                 | 1.0  | 5.7                        |
| SED8A - upstream                        | 1045        | 8.0                             | 7.0  | 12.0                       |
|   |             |                                 | 3.5  | 8.8                        |
|   |             |                                 | 1.0  | 6.0                        |
| SED8A -<br>downstream                   | 1040        | 7.0                             | 6.0  | 30.9                       |
|   |             |                                 | 3.0  | 8.2                        |
|   |             |                                 | 1.0  | 6.7                        |
| SED8A - upstream                        | 1052        | 7.0                             | 6.0  | 12.6                       |
|   |             |                                 | 3.0  | 9.5                        |
|   |             |                                 | 1.0  | 4.3                        |
| SED8A -<br>downstream                   | 1049        | 7.0                             | 6.0  | 7.9                        |
|   |             |                                 | 3.0  | 7.8                        |
|   |             |                                 | 1.0  | 7.1                        |
| SED7A -<br>downstream                   | 1107        | 7.0                             | 6.0  | 9.4                        |
|   |             |                                 | 3.0  | 8.9                        |
|   |             |                                 | 1.0  | 7.0                        |
| SED7A - upstream                        | 1115        | 7.0                             | 6.0  | 13.1                       |
|   |             |                                 | 3.0  | 8.8                        |
|   |             |                                 | 1.0  | 3.9                        |
| SED7A -<br>downstream                   | 1122        | 7.0                             | 6.0  | 18.1                       |
|   |             |                                 | 3.0  | 6.3                        |
|   |             |                                 | 1.0  | 5.6                        |
| SED7A - upstream                        | 1126        | 7.0                             | 6.0  | 9.1                        |
|   |             |                                 | 3.0  | 8.3                        |
|   |             |                                 | 1.0  | 3.3                        |
| SED7A -<br>downstream                   | 1128        | 7.0                             | 6.0  | 9.0                        |
|   |             |                                 | 3.0  | 8.4                        |
|   |             |                                 | 1.0  | 8.3                        |
| SED7A - upstream                        | 1131        | 7.0                             | 6.0  | 8.1                        |
|   |             |                                 | 3.0  | 7.9                        |
|   |             |                                 | 1.0  | 3.0                        |
| SED8B- upstream                         | 1155        | 9.3                             | 8.0  | 10.7                       |
|   |             |                                 | 4.0  | 4.0                        |
|   |             |                                 | 1.0  | 3.3                        |
| SED8B -<br>downstream                   | 1150        | 9.3                             | 8.0  | 10.3                       |
|   |             |                                 | 4.0  | 9.3                        |
|   |             |                                 | 1.0  | 3.0                        |
| SED8B - upstream                        | 1203        | 9.3                             | 8.0  | 7.7                        |
|   |             |                                 | 4.0  | 7.4                        |
|   |             |                                 | 1.0  | 1.6                        |
| SED8B -<br>downstream                   | 1200        | 9.3                             | 8.0  | 20.0                       |
|   |             |                                 | 4.0  | 7.8                        |
|   |             |                                 | 1.0  | 7.5                        |
| SED8B - upstream                        | 1218        | 9.3                             | 8.0  | 13.2                       |
|   |             |                                 | 4.0  | 10.6                       |
|   |             |                                 | 1.0  | 8.8                        |
| SED8B -<br>downstream                   | 1213        | 9.3                             | 8.0  | 11.1                       |
|   |             |                                 | 4.0  | 8.0                        |
|   |             |                                 | 1.0  | 5.5                        |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| <b>Activity Monitoring<br/>6/12/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDBACK16 -<br>downstream                | 0955        | 7.0                             | 6.0  | 9.4                        |
|  |             |                                 | 3.0  | 8.1                        |
|  |             |                                 | 1.0  | 3.6                        |
| SEDBACK16 -<br>upstream                  | 1000        | 7.0                             | 6.0  | 14.3                       |
|  |             |                                 | 3.0  | 8.3                        |
|  |             |                                 | 1.0  | 6.7                        |
| SEDBACK16 -<br>downstream                | 1008        | 7.0                             | 6.0  | 9.8                        |
|  |             |                                 | 3.0  | 2.9                        |
|  |             |                                 | 1.0  | 3.8                        |
| SEDBACK16 -<br>upstream                  | 1013        | 7.0                             | 6.0  | 5.5                        |
|  |             |                                 | 3.0  | 6.7                        |
|  |             |                                 | 1.0  | 4.9                        |
| SEDBACK16 -<br>downstream                | 1100        | 7.0                             | 6.0  | 3.5                        |
|  |             |                                 | 3.0  | 2.8                        |
|  |             |                                 | 1.0  | 3.6                        |
| SEDBACK16 -<br>upstream                  | 1105        | 7.0                             | 6.0  | 14.2                       |
|  |             |                                 | 3.0  | 2.9                        |
|  |             |                                 | 1.0  | 2.6                        |
| SEDBACK16 -<br>downstream                | 1115        | 7.0                             | 6.0  | 4.1                        |
|  |             |                                 | 3.0  | 2.2                        |
|  |             |                                 | 1.0  | 2.5                        |
| SEDBACK16 -<br>upstream                  | 1118        | 7.0                             | 6.0  | 3.1                        |
|  |             |                                 | 3.0  | 3.2                        |
|  |             |                                 | 1.0  | 3.0                        |
| SEDBACK17 -<br>upstream                  | 1152        | 9.0                             | 8.0  | 2.1                        |
|  |             |                                 | 4.0  | 1.8                        |
|  |             |                                 | 1.0  | 0.9                        |
| SEDBACK17 -<br>downstream                | 1148        | 9.0                             | 8.0  | 3.3                        |
|  |             |                                 | 4.0  | 0.0                        |
|  |             |                                 | 1.0  | 1.1                        |
| SEDBACK17 -<br>upstream                  | 1155        | 9.0                             | 8.0  | 3.8                        |
|  |             |                                 | 4.0  | 1.7                        |
|  |             |                                 | 1.0  | 1.0                        |
| SEDBACK17 -<br>downstream                | 1157        | 9.0                             | 8.0  | 4.9                        |
|  |             |                                 | 4.0  | 0.3                        |
|  |             |                                 | 1.0  | 0.8                        |
| SEDBACK17 -<br>upstream                  | 1247        | 9.0                             | 8.0  | 3.4                        |
|  |             |                                 | 4.0  | 2.4                        |
|  |             |                                 | 1.0  | 0.0                        |
| SEDBACK17 -<br>downstream                | 1250        | 9.0                             | 8.0  | 0.7                        |
|  |             |                                 | 4.0  | 0.0                        |
|  |             |                                 | 1.0  | 0.9                        |
| SEDBACK18 -<br>upstream                  | 1310        | 13.0                            | 12.0   | 5.4                        |
|  |             |                                 | 6.0  | 3.6                        |
|  |             |                                 | 1.0  | 1.9                        |
| SEDBACK18 -<br>downstream                | 1306        | 13.0                            | 12.0   | 5.2                        |
|  |             |                                 | 6.0  | 2.5                        |
|  |             |                                 | 1.0  | 0.2                        |
| SEDBACK18 -<br>upstream                  | 1336        | 13.0                            | 12.0   | 1.6                        |
|  |             |                                 | 6.0  | 2.2                        |
|  |             |                                 | 1.0  | 0.3                        |
| SEDBACK18 -<br>downstream                | 1340        | 13.0                            | 12.0   | 2.8                        |
|  |             |                                 | 6.0  | 2.7                        |
|  |             |                                 | 1.0  | 0                          |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| <b>Activity Monitoring<br/>6/12/2017 (continued)</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                               | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDBACK18 -<br>upstream                              | 1400        | 13.0                            | 12.0   | 9.2                        |
|  |             |                                 | 6.0  | 0.0                        |
|  |             |                                 | 1.0  | 0.0                        |
| SEDBACK18 -<br>downstream                            | 1403        | 13.0                            | 12.0   | 12.2                       |
|  |             |                                 | 6.0  | 6.8                        |
|  |             |                                 | 1.0  | 0.1                        |
| <b>Activity Monitoring<br/>6/13/2017</b>             |             |                                 |  |                            |
| SEDBACK19-<br>downstream                             | 0750        | 2.0                             | 1.0  | 5.5                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                              | 0755        | 2.0                             | 1.0  | 3.7                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK19-<br>downstream                             | 0845        | 2.0                             | 1.0  | 6.9                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                              | 0847        | 2.0                             | 1.0  | 4.7                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK19-<br>downstream                             | 0906        | 2.0                             | 1.0  | 2.5                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                              | 0910        | 2.0                             | 1.0  | 3.3                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK20 -<br>upstream                              | 0930        | 4.0                             | 3.0  | 17.5                       |
|  |             |                                 | 2.0  | 4.7                        |
|  |             |                                 | 1.0  | 6.2                        |
| SEDBACK20 -<br>downstream                            | 0926        | 4.0                             | 3.0  | 5.7                        |
|  |             |                                 | 2.0  | 2.4                        |
|  |             |                                 | 1.0  | 1.9                        |
| SEDBACK20 -<br>upstream                              | 0940        | 4.0                             | 3.0  | 6.6                        |
|  |             |                                 | 2.0  | 2.2                        |
|  |             |                                 | 1.0  | 2.9                        |
| SEDBACK20 -<br>downstream                            | 0945        | 4.0                             | 3.0  | 6.3                        |
|  |             |                                 | 2.0  | 5.5                        |
|  |             |                                 | 1.0  | 5.5                        |
| SEDBACK20 -<br>upstream                              | 1000        | 15.0                            | 14.0   | 5.5                        |
|  |             |                                 | 7.0  | 2.9                        |
|  |             |                                 | 1.0  | 0.8                        |
| SEDBACK20 -<br>downstream                            | 1005        | 11.0                            | 10.0   | 12.2                       |
|  |             |                                 | 5.0  | 6.3                        |
|  |             |                                 | 1.0  | 0.4                        |
| SEDBACK20 -<br>upstream                              | 1013        | 15.0                            | 14.0   | 5.1                        |
|  |             |                                 | 7.0  | 0.3                        |
|  |             |                                 | 1.0  | 0.0                        |
| SEDBACK20 -<br>downstream                            | 1017        | 11.0                            | 10.0   | 6.7                        |
|  |             |                                 | 5.0  | 3.7                        |
|  |             |                                 | 1.0  | 0.0                        |



**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
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| <b>Activity Monitoring<br/>6/13/2017 (continued)</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                               | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDBACK20 -<br>upstream                              | 1058        | 15.0                            | 14.0   | 0.4                        |
|  |             |                                 | 7.0  | 0.3                        |
|  |             |                                 | 1.0  | 0.7                        |
| SEDBACK20 -<br>downstream                            | 1100        | 11.0                            | 10.0   | 6.7                        |
|  |             |                                 | 5.0  | 4.1                        |
|  |             |                                 | 1.0  | 2.2                        |
| SEDBACK21 -<br>downstream                            | 1150        | 11.0                            | 10.0   | 2.8                        |
|  |             |                                 | 5.0  | 3.2                        |
|  |             |                                 | 1.0  | 1.9                        |
| SEDBACK21 -<br>upstream                              | 155         | 11.0                            | 10.0   | 5.4                        |
|  |             |                                 | 5.0  | 3.4                        |
|  |             |                                 | 1.0  | 1.2                        |
| SEDBACK21 -<br>downstream                            | 1201        | 11.0                            | 10.0   | 2.3                        |
|  |             |                                 | 5.0  | 3.7                        |
|  |             |                                 | 1.0  | 0.0                        |
| SEDBACK21 -<br>upstream                              | 1206        | 11.0                            | 10.0   | 4.6                        |
|  |             |                                 | 5.0  | 0.0                        |
|  |             |                                 | 1.0  | 0.2                        |
| SEDBACK21 -<br>downstream                            | 1210        | 11.0                            | 10.0   | 6.1                        |
|  |             |                                 | 5.0  | 2.5                        |
|  |             |                                 | 1.0  | 0.4                        |
| SEDBACK21 -<br>upstream                              | 1215        | 11.0                            | 10.0   | 4.0                        |
|  |             |                                 | 5.0  | 0.2                        |
|  |             |                                 | 1.0  | 0.1                        |
| <b>Activity Monitoring<br/>6/14/2017</b>             |             |                                 |  |                            |
| SED5C -<br>downstream                                | 1042        | 5.0                             | 4.0  | 10.4                       |
|  |             |                                 | 2.0  | 5.2                        |
|  |             |                                 | 1.0  | 1.5                        |
| SED5C - upstream                                     | 1045        | 5.0                             | 4.0  | 8.8                        |
|  |             |                                 | 2.0  | 7.7                        |
|  |             |                                 | 1.0  | 3.5                        |
| SED4C -<br>downstream                                | 1104        | 4.0                             | 3.0  | 2.4                        |
|  |             |                                 | 2.0  | 1.2                        |
|  |             |                                 | 1.0  | 0.8                        |
| SED4C - upstream                                     | 1107        | 4.0                             | 3.0  | 4.4                        |
|  |             |                                 | 2.0  | 4.6                        |
|  |             |                                 | 1.0  | 3.0                        |
| SED4C -<br>downstream                                | 1112        | 4.0                             | 3.0  | 4.2                        |
|  |             |                                 | 2.0  | 0.8                        |
|  |             |                                 | 1.0  | 0.5                        |
| SED4C - upstream                                     | 1115        | 4.0                             | 3.0  | 9.9                        |
|  |             |                                 | 2.0  | 13.7                       |
|  |             |                                 | 1.0  | 8.1                        |
| SED4C -<br>downstream                                | 1139        | 4.0                             | 3.0  | 8.7                        |
|  |             |                                 | 2.0  | 7.8                        |
|  |             |                                 | 1.0  | 3.4                        |
| SED4C - upstream                                     | 1144        | 4.0                             | 3.0  | 2.3                        |
|  |             |                                 | 2.0  | 0.7                        |
|  |             |                                 | 1.0  | 5.0                        |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
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| <b>Activity Monitoring<br/>6/14/2017 (continued)</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                               | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED4B -<br>downstream                                | 1200        | 9.0                             | 8.0  | 1.7                        |
|  |             |                                 | 4.0  | 0.5                        |
|  |             |                                 | 1.0  | 0.8                        |
| SED4B - upstream                                     | 1204        | 9.0                             | 8.0  | 0.3                        |
|  |             |                                 | 4.0  | 0.1                        |
|  |             |                                 | 1.0  | 0                          |
| SED4B -<br>downstream                                | 1210        | 9.0                             | 8.0  | 0.2                        |
|  |             |                                 | 4.0  | 0.5                        |
|  |             |                                 | 1.0  | 0.4                        |
| SED4B - upstream                                     | 1214        | 9.0                             | 8.0  | 1.1                        |
|  |             |                                 | 4.0  | 0.4                        |
|  |             |                                 | 1.0  | 0.9                        |
| SED4B -<br>downstream                                | 1245        | 9.0                             | 8.0  | 2.1                        |
|  |             |                                 | 4.0  | 0.0                        |
|  |             |                                 | 1.0  | 0.0                        |
| SED4B - upstream                                     | 1241        | 9.0                             | 8.0  | 3.4                        |
|  |             |                                 | 4.0  | 0.0                        |
|  |             |                                 | 1.0  | 0.0                        |

**Phase II Sediment Sampling  
Turbidity Monitoring Data  
Benning Road Facility RI/FS Project  
3400 Benning Rd, N.E., Washington DC 20019**

| <b>Activity Monitoring<br/>6/15/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED1.5B -<br>downstream                  | 0833        | 1.5                             | 1.0  | 7.1                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED1.5B - upstream                       | 0837        | 1.5                             | 1.0  | 9.0                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED1.5B -<br>downstream                  | 0845        | 1.5                             | 1.0  | 8.2                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED1.5B - upstream                       | 0848        | 1.5                             | 1.0  | 7.3                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED1.5B -<br>downstream                  | 0903        | 1.5                             | 1.0  | 17.4                       |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED1.5B - upstream                       | 0905        | 1.5                             | 1.0  | 16.3                       |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDREF02 -<br>downstream                 | 0923        | 4.0                             | 3.0  | 25.4                       |
|  |             |                                 | 1.0  | 23.8                       |
|  |             |                                 |  |                            |
| SEDREF02 -<br>upstream                   | 0925        | 4.0                             | 3.0  | 24.9                       |
|  |             |                                 | 1.0  | 17.9                       |
|  |             |                                 |  |                            |
| SEDREF02 -<br>downstream                 | 0932        | 4.0                             | 3.0  | 19.6                       |
|  |             |                                 | 1.0  | 18.5                       |
|  |             |                                 |  |                            |
| SEDREF02 -<br>upstream                   | 0934        | 4.0                             | 3.0  | 28.7                       |
|  |             |                                 | 1.0  | 25.1                       |
|  |             |                                 |  |                            |
| SEDREF02 -<br>downstream                 | 0958        | 4.0                             | 3.0  | 14.7                       |
|  |             |                                 | 1.0  | 17.6                       |
|  |             |                                 |  |                            |
| SEDREF02 -<br>upstream                   | 1001        | 4.0                             | 3.0  | 25.0                       |
|  |             |                                 | 1.0  | 15.2                       |
|  |             |                                 |  |                            |
| SEDREF01 -<br>downstream                 | 1018        | 8.0                             | 7.0  | 32.7                       |
|  |             |                                 | 3.5  | 27.1                       |
|  |             |                                 | 1.0  | 23.0                       |
|  |             |                                 |  |                            |
| SEDREF01 -<br>upstream                   | 1021        | 8.0                             | 7.0  | 26.8                       |
|  |             |                                 | 3.5  | 26.4                       |
|  |             |                                 | 1.0  | 23.2                       |
| SEDREF01 -<br>downstream                 | 1029        | 8.0                             | 7.0  | 33.4                       |
|  |             |                                 | 3.5  | 32.7                       |
|  |             |                                 | 1.0  | 12.8                       |
| SEDREF01 -<br>upstream                   | 1031        | 8.0                             | 7.0  | 26.1                       |
|  |             |                                 | 3.5  | 20.9                       |
|  |             |                                 | 1.0  | 15.5                       |
| SEDREF01 -<br>downstream                 | 1105        | 8.0                             | 7.0  | 28.4                       |
|  |             |                                 | 3.5  | 16.3                       |
|  |             |                                 | 1.0  | 15.6                       |
| SEDREF01 -<br>upstream                   | 1107        | 8.0                             | 7.0  | 26.3                       |
|  |             |                                 | 3.5  | 19.2                       |
|  |             |                                 | 1.0  | 13.7                       |

**Phase II Sediment Sampling  
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| <b>Activity Monitoring<br/>6/15/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDREF01 -<br>downstream                 | 1135        | 8.0                             | 7.0  | 21.2                       |
|  |             |                                 | 3.5  | 15.0                       |
|  |             |                                 | 1.0  | 15.3                       |
| SEDREF01 -<br>upstream                   | 1137        | 8.0                             | 7.0  | 23.7                       |
|  |             |                                 | 3.5  | 11.4                       |
|  |             |                                 | 1.0  | 12.1                       |
| SEDREF01 -<br>downstream                 | 1146        | 8.0                             | 7.0  | 17.0                       |
|  |             |                                 | 3.5  | 13.1                       |
|  |             |                                 | 1.0  | 11.8                       |
| SEDREF01 -<br>upstream                   | 1143        | 8.0                             | 7.0  | 21.3                       |
|  |             |                                 | 3.5  | 19.3                       |
|  |             |                                 | 1.0  | 10.8                       |
| SEDREF01 -<br>downstream                 | 1211        | 8.0                             | 7.0  | 9.1                        |
|  |             |                                 | 3.5  | 11.4                       |
|  |             |                                 | 1.0  | 7.0                        |
| SEDREF01 -<br>upstream                   | 1213        | 8.0                             | 7.0  | 14.9                       |
|  |             |                                 | 3.5  | 13.5                       |
|  |             |                                 | 1.0  | 12.3                       |
| SEDREF04-<br>upstream                    | 1241        | 9.0                             | 8.0  | 10.2                       |
|  |             |                                 | 4.0  | 7.9                        |
|  |             |                                 | 1.0  | 7.8                        |
| SEDREF04 -<br>downstream                 | 1245        | 9.0                             | 8.0  | 8.8                        |
|  |             |                                 | 4.0  | 7.4                        |
|  |             |                                 | 1.0  | 6.4                        |
| SEDREF04-<br>upstream                    | 1251        | 9.0                             | 8.0  | 18.3                       |
|  |             |                                 | 4.0  | 4.4                        |
|  |             |                                 | 1.0  | 5.4                        |
| SEDREF04 -<br>downstream                 | 1249        | 9.0                             | 8.0  | 7.2                        |
|  |             |                                 | 4.0  | 6.2                        |
|  |             |                                 | 1.0  | 13                         |
| SEDREF04-<br>upstream                    | 1311        | 9.0                             | 8.0  | 11.2                       |
|  |             |                                 | 4.0  | 5.7                        |
|  |             |                                 | 1.0  | 6.3                        |
| SEDREF04 -<br>downstream                 | 1313        | 9.0                             | 8.0  | 24.9                       |
|  |             |                                 | 4.0  | 5.6                        |
|  |             |                                 | 1.0  | 5.3                        |

**Phase II Sediment Sampling  
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Benning Road Facility RI/FS Project  
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| <b>Activity Monitoring<br/>6/16/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDFE05 -<br>downstream                  | 0800        | 4.0                             | 3.0  | 6.0                        |
|  |             |                                 | 1.0  | 9.0                        |
|  |             |                                 |  |                            |
| SEDFE05 -<br>upstream                    | 0803        | 9.0                             | 8.0  | 9.6                        |
|  |             |                                 | 4.0  | 9.0                        |
|  |             |                                 | 1.0  | 7.4                        |
| SEDFE05 -<br>downstream                  | 0808        | 4.0                             | 3.0  | 8.8                        |
|  |             |                                 | 1.0  | 8.4                        |
|  |             |                                 |  |                            |
| SEDFE05 -<br>upstream                    | 0806        | 9.0                             | 8.0  | 9.7                        |
|  |             |                                 | 4.0  | 9.4                        |
|  |             |                                 | 1.0  | 9.5                        |
| SEDFE05 -<br>downstream                  | 0821        | 4.0                             | 3.0  | 10.4                       |
|  |             |                                 | 1.0  | 11.3                       |
|  |             |                                 |  |                            |
| SEDFE05 -<br>upstream                    | 0823        | 9.0                             | 8.0  | 9.5                        |
|  |             |                                 | 4.0  | 8.9                        |
|  |             |                                 | 1.0  | 8.6                        |
| SEDFE06 -<br>downstream                  | 0843        | 7.0                             | 6.0  | 6.4                        |
|  |             |                                 | 3.0  | 6.8                        |
|  |             |                                 | 1.0  | 6.5                        |
| SEDFE06 -<br>upstream                    | 0845        | 7.0                             | 6.0  | 8.3                        |
|  |             |                                 | 3.0  | 6.7                        |
|  |             |                                 | 1.0  | 6.6                        |
| SEDFE06 -<br>downstream                  | 0855        | 7.0                             | 6.0  | 8.2                        |
|  |             |                                 | 3.0  | 7.4                        |
|  |             |                                 | 1.0  | 5.4                        |
| SEDFE06 -<br>upstream                    | 0851        | 7.0                             | 6.0  | 5.9                        |
|  |             |                                 | 3.0  | 6.3                        |
|  |             |                                 | 1.0  | 6.5                        |
| SEDFE06 -<br>downstream                  | 0914        | 7.0                             | 6.0  | 7.3                        |
|  |             |                                 | 3.0  | 6.5                        |
|  |             |                                 | 1.0  | 6.4                        |
| SEDFE06 -<br>upstream                    | 0916        | 7.0                             | 6.0  | 7.1                        |
|  |             |                                 | 3.0  | 6.8                        |
|  |             |                                 | 1.0  | 6.6                        |
| SEDFE07 -<br>downstream                  | 0934        | 7.0                             | 6.0  | 9.8                        |
|  |             |                                 | 3.0  | 7.1                        |
|  |             |                                 | 1.0  | 6.6                        |
| SEDFE07 -<br>upstream                    | 0937        | 7.0                             | 6.0  | 7.4                        |
|  |             |                                 | 3.0  | 7.6                        |
|  |             |                                 | 1.0  | 9.3                        |
| SEDFE07 -<br>downstream                  | 0941        | 7.0                             | 6.0  | 9.4                        |
|  |             |                                 | 3.0  | 9.2                        |
|  |             |                                 | 1.0  | 2.3                        |
| SEDFE07 -<br>upstream                    | 0939        | 7.0                             | 6.0  | 7.1                        |
|  |             |                                 | 3.0  | 7.9                        |
|  |             |                                 | 1.0  | 7.5                        |
| SEDFE07 -<br>downstream                  | 0952        | 7.0                             | 6.0  | 13.0                       |
|  |             |                                 | 3.0  | 9.6                        |
|  |             |                                 | 1.0  | 9.6                        |
| SEDFE07 -<br>upstream                    | 0956        | 7.0                             | 6.0  | 5.5                        |
|  |             |                                 | 3.0  | 11.2                       |
|  |             |                                 | 1.0  | 10.4                       |

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| <b>Activity Monitoring<br/>6/16/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDFE08 -<br>downstream                  | 1009        | 9.0                             | 8.0  | 14.3                       |
|  |             |                                 | 4.0  | 15.0                       |
|  |             |                                 | 1.0  | 11.8                       |
| SEDFE08 -<br>upstream                    | 1012        | 9.0                             | 8.0  | 15.7                       |
|  |             |                                 | 4.0  | 8.6                        |
|  |             |                                 | 1.0  | 10.4                       |
| SEDFE08 -<br>downstream                  | 1021        | 9.0                             | 8.0  | 18.3                       |
|  |             |                                 | 4.0  | 14.4                       |
|  |             |                                 | 1.0  | 12.9                       |
| SEDFE08 -<br>upstream                    | 1018        | 9.0                             | 8.0  | 11.5                       |
|  |             |                                 | 4.0  | 11.6                       |
|  |             |                                 | 1.0  | 9.9                        |
| SEDFE08 -<br>downstream                  | 1041        | 9.0                             | 8.0  | 17.3                       |
|  |             |                                 | 4.0  | 18.8                       |
|  |             |                                 | 1.0  | 14.6                       |
| SEDFE08 -<br>upstream                    | 1038        | 9.0                             | 8.0  | 16.6                       |
|  |             |                                 | 4.0  | 16.0                       |
|  |             |                                 | 1.0  | 18.7                       |
| SEDFE01-1 -<br>downstream                | 1103        | 9.0                             | 8.0  | 30.4                       |
|  |             |                                 | 4.0  | 19.8                       |
|  |             |                                 | 1.0  | 19.6                       |
| SEDFE01-1 -<br>upstream                  | 1101        | 9.0                             | 8.0  | 27.5                       |
|  |             |                                 | 4.0  | 24.2                       |
|  |             |                                 | 1.0  | 15.4                       |
| SEDFE01-1 -<br>downstream                | 1108        | 9.0                             | 8.0  | 27.2                       |
|  |             |                                 | 4.0  | 25.2                       |
|  |             |                                 | 1.0  | 17.2                       |
| SEDFE01-1 -<br>upstream                  | 1105        | 9.0                             | 8.0  | 27.2                       |
|  |             |                                 | 4.0  | 26.0                       |
|  |             |                                 | 1.0  | 17.1                       |
| SEDFE01-1 -<br>downstream                | 1110        | 9.0                             | 8.0  | 33.9                       |
|  |             |                                 | 4.0  | 30.4                       |
|  |             |                                 | 1.0  | 15.0                       |
| SEDFE01-1 -<br>upstream                  | 1112        | 9.0                             | 8.0  | 24.5                       |
|  |             |                                 | 4.0  | 25.1                       |
|  |             |                                 | 1.0  | 15.7                       |
| SEDFE01-2-<br>downstream                 | 1119        | 9.0                             | 8.0  | 31.3                       |
|  |             |                                 | 4.0  | 26.8                       |
|  |             |                                 | 1.0  | 15.3                       |
| SEDFE01-2-<br>upstream                   | 1127        | 9.0                             | 8.0  | 27.1                       |
|  |             |                                 | 4.0  | 22.9                       |
|  |             |                                 | 1.0  | 13.7                       |
| SEDFE01-2-<br>downstream                 | 1125        | 9.0                             | 8.0  | 22.7                       |
|  |             |                                 | 4.0  | 18.3                       |
|  |             |                                 | 1.0  | 13.5                       |
| SEDFE01-2-<br>upstream                   | 1123        | 9.0                             | 8.0  | 31.0                       |
|  |             |                                 | 4.0  | 25.2                       |
|  |             |                                 | 1.0  | 15.3                       |
| SEDFE01-2-<br>downstream                 | 1200        | 9.0                             | 8.0  | 21.1                       |
|  |             |                                 | 4.0  | 18.7                       |
|  |             |                                 | 1.0  | 10.3                       |
| SEDFE01-2-<br>upstream                   | 1157        | 9.0                             | 8.0  | 24.3                       |
|  |             |                                 | 4.0  | 18.0                       |
|  |             |                                 | 1.0  | 13.4                       |

**Phase II Sediment Sampling  
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| <b>Activity Monitoring<br/>6/19/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED5B - upstream                         | 1032        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - downstream                       | 1030        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - downstream                       | 1044        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - upstream                         | 1046        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - downstream                       | 1055        | 9.0                             | 8.0  |                            |
|  |             |                                 | 4.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - upstream                         | 1057        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - downstream                       | 1113        | 9.0                             | 8.0  |                            |
|  |             |                                 | 4.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - upstream                         | 1115        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - downstream                       | 1151        | 9.0                             | 8.0  |                            |
|  |             |                                 | 4.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - upstream                         | 1153        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - downstream                       | 1217        | 11.0                            | 10.0   |                            |
|  |             |                                 | 5.0  |                            |
|  |             |                                 | 1.0  |                            |
| SED5B - upstream                         | 1214        | 9.0                             | 8.0  |                            |
|  |             |                                 | 4.0  |                            |
|  |             |                                 | 1.0  |                            |

**Phase II Sediment Sampling  
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3400 Benning Rd, N.E., Washington DC 20019**

| <b>Activity Monitoring<br/>6/20/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDBACK20 -<br>downstream                | 0857        | 11.0                            | 11.0   | 34.5                       |
|  |             |                                 | 5.0  | 31.5                       |
|  |             |                                 | 1.0  | 27.5                       |
| SEDBACK20 -<br>upstream                  | 0903        | 2.0                             | 1.0  | 30.6                       |
|  |             |                                 |  |                            |
| SEDBACK20 -<br>downstream                | 0920        | 7.0                             | 6.0  | 28.5                       |
|  |             |                                 | 3.0  | 25.2                       |
|  |             |                                 | 1.0  | 24.7                       |
| SEDBACK20 -<br>upstream                  | 0925        | 2.0                             | 1.0  | 23.2                       |
|  |             |                                 |  |                            |
| SEDBACK20 -<br>downstream                | 1017        | 9.0                             | 8.0  | 36.2                       |
|  |             |                                 | 4.0  | 28.0                       |
|  |             |                                 | 1.0  | 29.4                       |
| SEDBACK20 -<br>upstream                  | 1021        | 2.0                             | 1.0  | 29.4                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>downstream                | 1050        | 2.0                             | 1.0  | 38.2                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                  | 1053        | 2.0                             | 1.0  | 36.8                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>downstream                | 1102        | 2.0                             | 1.0  | 32.3                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                  | 1105        | 2.0                             | 1.0  | 35.2                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>downstream                | 1200        | 2.0                             | 1.0  | 36.1                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                  | 1203        | 2.0                             | 1.0  | 33.6                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>downstream                | 1225        | 2.0                             | 1.0  | 25.2                       |
|  |             |                                 |  |                            |
| SEDBACK19 -<br>upstream                  | 1227        | 2.0                             | 1.0  | 41.0                       |
|  |             |                                 |  |                            |
| SEDBACK18 -<br>downstream                | 1326        | 7.0                             | 6.0  | 37.2                       |
|  |             |                                 | 3.0  | 19.4                       |
|  |             |                                 | 1.0  | 11.9                       |
| SEDBACK18 -<br>upstream                  | 1330        | 7.0                             | 6.0  | 39.9                       |
|  |             |                                 | 3.0  | 31.7                       |
|  |             |                                 | 1.0  | 13.1                       |
| SEDBACK18 -<br>downstream                | 1334        | 7.0                             | 6.0  | 36.3                       |
|  |             |                                 | 3.0  | 23.2                       |
|  |             |                                 | 1.0  | 15.2                       |
| SEDBACK18 -<br>upstream                  | 1337        | 7.0                             | 6.0  | 33.5                       |
|  |             |                                 | 3.0  | 15.6                       |
|  |             |                                 | 1.0  | 13.6                       |



**Phase II Sediment Sampling  
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| <b>Activity Monitoring<br/>6/20/2017 (continued)</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                               | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDBACK18 -<br>downstream                            | 1435        | 7.0                             | 6.0  | 17.7                       |
|  |             |                                 | 3.0  | 14.4                       |
|  |             |                                 | 1.0  | 14.7                       |
| SEDBACK18 -<br>upstream                              | 1430        | 7.0                             | 6.0  | 28.2                       |
|  |             |                                 | 3.0  | 23.9                       |
|  |             |                                 | 1.0  | 15.3                       |
| SEDBACK18 -<br>upstream                              | 1445        | 7.0                             | 6.0  | 23.1                       |
|  |             |                                 | 3.0  | 21.4                       |
|  |             |                                 | 1.0  | 17.8                       |
| SEDBACK18 -<br>downstream                            | 1450        | 7.0                             | 6.0  | 24.4                       |
|  |             |                                 | 3.0  | 20.0                       |
|  |             |                                 | 1.0  | 20.6                       |
| <b>Activity Monitoring<br/>6/21/2017</b>             |             |                                 |  |                            |
| HighRes1 -<br>upstream                               | 0715        | 1.5                             | 1.0  | 2.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| HighRes1 -<br>downstream                             | 0716        | 1.5                             | 1.0  | 4.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| HighRes1 -<br>upstream                               | 0722        | 1.5                             | 1.0  | 2.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| HighRes1 -<br>downstream                             | 0724        | 1.5                             | 1.0  | 3.6                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| HighRes1 -<br>upstream                               | 0741        | 1.5                             | 1.0  | 3.1                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| HighRes1 -<br>downstream                             | 0745        | 1.5                             | 1.0  | 8.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK17 -<br>downstream                            | 0940        | 7.0                             | 6.0  | 30.4                       |
|  |             |                                 | 3.0  | 11.2                       |
|  |             |                                 | 1.0  | 13.3                       |
| SEDBACK17 -<br>upstream                              | 0944        | 7.0                             | 6.0  | 31.6                       |
|  |             |                                 | 3.0  | 16.5                       |
|  |             |                                 | 1.0  | 8.9                        |
| SEDBACK17 -<br>downstream                            | 0948        | 7.0                             | 6.0  | 35.2                       |
|  |             |                                 | 3.0  | 8.0                        |
|  |             |                                 | 1.0  | 7.4                        |
| SEDBACK17 -<br>upstream                              | 0952        | 7.0                             | 6.0  | 25.4                       |
|  |             |                                 | 3.0  | 5.7                        |
|  |             |                                 | 1.0  | 5.1                        |
| SEDBACK17 -<br>downstream                            | 1045        | 7.0                             | 6.0  | 19.4                       |
|  |             |                                 | 3.0  | 14.3                       |
|  |             |                                 | 1.0  | 4.9                        |
| SEDBACK17 -<br>upstream                              | 1047        | 7.0                             | 6.0  | 22.0                       |
|  |             |                                 | 3.0  | 16.2                       |
|  |             |                                 | 1.0  | 9.0                        |

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| <b>Activity Monitoring<br/>6/21/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SEDBACK16 -<br>downstream                | 1128        | 1.5                             | 1.0  | 4.5                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK16 -<br>upstream                  | 1130        | 1.5                             | 1.0  | 1.1                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK16 -<br>downstream                | 1134        | 1.5                             | 1.0  | 12.2                       |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK16 -<br>upstream                  | 1135        | 1.5                             | 1.0  | 6.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK16 -<br>downstream                | 1234        | 1.5                             | 1.0  | 3.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SEDBACK16 -<br>upstream                  | 1233        | 1.5                             | 1.0  | 4.0                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |

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| <b>Activity Monitoring<br/>6/22/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED7E - upstream                         | 0657        | 2.0                             | 1.0  | 5.6                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7E -<br>downstream                    | 0659        | 2.0                             | 1.0  | 6.0                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7E - upstream                         | 0706        | 2.0                             | 1.0  | 5.5                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7E -<br>downstream                    | 0703        | 2.0                             | 1.0  | 7.4                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7E -<br>downstream                    | 0724        | 2.0                             | 1.0  | 8.1                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7E - upstream                         | 0726        | 2.0                             | 1.0  | 5.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED6.5D - upstream                       | 0742        | 2.0                             | 1.0  | 7.8                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED6.5D -<br>downstream                  | 0744        | 2.0                             | 1.0  | 10.8                       |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED6.5D - upstream                       | 0749        | 2.0                             | 1.0  | 10.0                       |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED6.5D -<br>downstream                  | 0752        | 2.0                             | 1.0  | 8.6                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED6.5D - upstream                       | 0805        | 2.0                             | 1.0  | 20.3                       |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED6.5D -<br>downstream                  | 0807        | 2.0                             | 1.0  | 5.3                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |

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| <b>Activity Monitoring<br/>6/27/2017</b> |             |                                 |  |                            |
|--|-------------|---------------------------------|--|----------------------------|
| <b>Boring Location</b>                   | <b>Time</b> | <b>Depth to Bottom<br/>(ft)</b> | <b>Sample Depth<br/>(ft below waterline)</b> | <b>Turbidity<br/>(NTU)</b> |
| SED7D -<br>downstream                    | 1025        | 1.5                             | 1.0  | 2.6                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7D - upstream                         | 1027        | 1.5                             | 1.0  | 3.2                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7D -<br>downstream                    | 1035        | 1.5                             | 1.0  | 1.1                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7D - upstream                         | 1038        | 1.5                             | 1.0  | 0.0                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7D -<br>downstream                    | 1054        | 1.5                             | 1.0  | 0.5                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |
| SED7D - upstream                         | 1057        | 1.5                             | 1.0  | 1.5                        |
|  |             |                                 |  |                            |
|  |             |                                 |  |                            |

Notes:  
NTU = Nephelometric Turbidity Units