

Appendix Table 1a—DEP Chapter 93 water quality parameter exceeded in the spring of 2009 as documented by the Project. All parameters are reported as total.

| Site Number | Site Name | Aluminum >.75 mg/L | Iron > 1.5 mg/L | Manganese >1. mg/L | pH < 6 | Sulfate >25 mg/L | Dissolved Solids > 75 mg/L |
|-------------|-------------------------|--------------------|-----------------|--------------------|--------|------------------|----------------------------|
| 1 | Lesle Run | X | | | X | X | |
| 2 | Fox Run | X | X | | | X | |
| 3 | Walnut Run | X | | | | X | |
| 4 | Moss Creek | | | | | | |
| 5 | Cush Cushion Creek | X | | | | | |
| 6 | Bear Run | | | X | X | | |
| 7 | Chest Creek at Mahaffey | | | | | | |
| 8 | Anderson Creek | | | | X | | |
| 9 | Hartshorn Run | | | | | | |
| 1 | Tributary 26641 | | | X | | | |
| 11 | Montgomery Creek | | | X | X | | |
| 12 | Moose Creek | | | X | | | |
| 13 | Tributary 2668 | | | | | X | X |
| 14 | Wolf Run | X | X | X | X | X | X |
| 15 | Clearfield Creek | | | X | | | |
| 16 | Abes Run | X | | X | X | X | |
| 17 | Tributary 2614 | X | | X | X | X | |
| 18 | Lick Run | | X | | X | | |
| 19 | Devils Run | X | | X | X | | |
| 2 | Trout Run | | X | | X | | |
| 21 | Millstone Run | X | | X | X | | |
| 22 | Surveyor Run | X | | X | X | X | |
| 23 | Bald Hill Run | | | | | X | |
| 24 | Moravian Run | | X | | X | | |
| 25 | Deer Creek | | | X | X | | |
| 26 | Tributary 25976 | X | X | X | X | X | |
| 27 | Big Run | X | | | | | |
| 28 | Sandy Creek | | X | X | X | | |
| 29 | Alder Run | X | X | X | X | X | |
| 3 | Rollingstone Run | X | X | X | X | X | |
| 31 | Mowry Run | X | X | X | X | | |
| 32 | Basin Run | X | X | X | X | | |
| 33 | Rock Run | X | X | X | X | X | X |
| 34 | Potter Run | X | X | X | X | X | X |
| 35 | Tributary 25913 | X | X | X | X | X | X |
| 36 | Rupley Run | X | | X | X | | |
| 37 | Moshannon Creek | X | | X | X | | |
| 38 | Redlick Run | X | X | X | | X | X |
| 39 | Tributary 25693 | X | X | X | X | X | X |
| 4 | Mosquito Creek | | | | | | |
| 41 | Laurel Run | X | | X | X | | |
| 42 | Tributary 25622 | X | X | X | | X | X |
| 43 | Saltlick Run | X | X | X | | X | X |

Appendix Table 1b—DEP Chapter 93 water quality parameter exceeded in the spring of 2009 as documented by the Project. All parameters are reported as total.

| Site Number | Site Name | Aluminum >.75 mg/L | Iron > X.5 mg/L | Manganese >X. mg/L | pH < 6 | Sulfate >25 mg/L | Dissolved Solids > 75 mg/L |
|-------------|----------------------------------|--------------------|-----------------|--------------------|--------|------------------|----------------------------|
| 44 | Tributary 25611 | X | X | X | X | | |
| 45 | Sterling Run | X | X | | X | | |
| 46 | Loop Run | X | | X | X | X | |
| 47 | Birch Island Run | | X | | X | | |
| 48 | Black Stump Run | | | | | | |
| 49 | Sinnemahoning Creek | | | | | | |
| 5 | Cooks Run | X | X | | X | | |
| 51 | Milligan Run | X | X | X | X | X | |
| 52 | Kettle Creek | | | | | | |
| 53 | Drury Run | X | | X | X | | |
| 54 | Tangascootak Creek | | X | | | | |
| 55 | Clearfield Creek at SR 121 | | | X | | | |
| 56 | Muddy Run | | X | X | | X | |
| 57 | Clearfield Creek at Dimeling | | | X | | | |
| 58 | Chest Creek at Westover | | | | | | |
| 59 | Moshannon Creek at Osceola Mills | X | | X | X | X | |
| 6 | Moshannon Creek at Philipsburg | X | X | X | X | | |
| 61 | Little Anderson Creek | X | X | X | X | | |
| 62 | Kratzer Run | | | | | | |
| 63 | Twomile Run | X | X | X | X | | |
| 64 | Babb Creek | | | | | | |
| 65 | Sterling Run (Sinnemahoning) | X | X | | | | |
| 66 | Bennett Branch | X | | X | X | | |
| 67 | Beech Creek | | | | X | | |
| 68 | Dents Run | | | | X | | |
| R1 | WB at Cherry Tree | | | | | | |
| R2 | WB at Burnside | | | | | | |
| R3 | WB at McGees Mills | | | | | | |
| R4 | WB at Bower | | | | | | |
| R5 | WB at Lumber City | | | | | | |
| R6 | WB at Curwensville | | | | | | |
| R7 | WB at 879 Bridge | | | | | | |
| R8 | WB at Karthaus | | | | | | |
| R9 | WB at Shawville | | | | | | |
| R1 | WB at Westport | | | | | | |
| R11 | WB at Renovo | | | | | | |
| R12 | WB at Lock Haven | | | | | | |

Appendix Table 2a—DEP Chapter 93 water quality parameter exceeded in the summer of 2009 as documented by the Project. All parameters are reported as total.

| Site Number | Site Name | Aluminum >0.75 mg/L | Iron > 1.5 mg/L | Manganese >1.0 mg/L | pH < 6 | Sulfate >250 mg/L | Dissolved Solids > 750 mg/L |
|-------------|-------------------------|---------------------|-----------------|---------------------|--------|-------------------|-----------------------------|
| 1 | Lesle Run | X | | | X | X | |
| 2 | Fox Run | X | X | | | X | |
| 3 | Walnut Run | X | | | | X | |
| 4 | Moss Creek | | | | | | |
| 5 | Cush Cushion Creek | | | | | | |
| 6 | Bear Run | | | X | X | | |
| 7 | Chest Creek at Mahaffey | | | | | | |
| 8 | Anderson Creek | | | | | | |
| 9 | Hartshorn Run | | | | X | | |
| 10 | Tributary 26641 | X | | | | X | |
| 11 | Montgomery Creek | X | | X | X | X | |
| 12 | Moose Creek | | | X | | | |
| 13 | Tributary 26608 | | | | | X | X |
| 14 | Wolf Run | X | X | X | X | X | X |
| 15 | Clearfield Creek | | | X | | X | |
| 16 | Abes Run | X | | X | X | X | X |
| 17 | Tributary 26104 | X | X | X | X | X | X |
| 18 | Lick Run | | X | | X | | |
| 19 | Devils Run | | | X | X | | |
| 20 | Trout Run | | | | X | | |
| 21 | Millstone Run | X | X | X | X | X | |
| 22 | Surveyor Run | X | | X | | X | |
| 23 | Bald Hill Run | | X | | | X | X |
| 24 | Moravian Run | | | X | X | | |
| 25 | Deer Creek | X | X | X | X | X | |
| 26 | Tributary 25976 | X | X | X | X | X | X |
| 27 | Big Run | | | | | | |
| 28 | Sandy Creek | | X | X | X | | |
| 29 | Alder Run | X | X | X | X | X | X |
| 30 | Rollingstone Run | X | X | X | X | X | X |
| 31 | Mowry Run | X | | X | X | | |
| 32 | Basin Run | X | X | X | X | X | |
| 33 | Rock Run | X | X | X | X | X | X |
| 34 | Potter Run | X | X | X | X | X | X |
| 35 | Tributary 25913 | X | X | X | X | X | X |
| 36 | Rupley Run | X | | X | X | | |
| 37 | Moshannon Creek | X | | X | X | X | |
| 38 | Redlick Run | | X | X | X | | |
| 39 | Tributary 25693 | X | X | X | X | X | X |
| 40 | Mosquito Creek | | | | | | |
| 41 | Laurel Run | X | X | X | X | X | |
| 42 | Tributary 25622 | X | X | X | | X | X |
| 43 | Saltlick Run | X | X | X | | X | X |

Appendix Table 2b—DEP Chapter 93 water quality parameter exceeded in the summer of 2009 as documented by the Project. All parameters are reported as total.

| Site Number | Site Name | Aluminum >0.75 mg/L | Iron > 1.5 mg/L | Manganese >1.0 mg/L | pH < 6 | Sulfate >250 mg/L | Dissolved Solids > 750 mg/L |
|-------------|----------------------------------|---------------------|-----------------|---------------------|--------|-------------------|-----------------------------|
| 44 | Tributary 25611 | X | X | X | X | X | |
| 45 | Sterling Run | X | X | | X | | |
| 46 | Loop Run | X | | X | X | X | X |
| 47 | Birch Island Run | | X | | X | | |
| 48 | Black Stump Run | | | | | | |
| 49 | Sinnemahoning Creek | X | | X | | | |
| 50 | Cooks Run | X | X | X | X | | |
| 51 | Milligan Run | X | X | X | X | X | X |
| 52 | Kettle Creek | | | | | | |
| 53 | Drury Run | | | | X | | |
| 54 | Tangascootak Creek | X | X | | | | |
| 55 | Clearfield Creek at SR 1021 | | | X | | X | |
| 56 | Muddy Run | | X | X | | X | X |
| 57 | Clearfield Creek at Dimeling | | | X | | | |
| 58 | Chest Creek at Westover | | | | | | |
| 59 | Moshannon Creek at Osceola Mills | X | X | X | X | X | |
| 60 | Moshannon Creek at Philipsburg | X | | X | X | X | |
| 61 | Little Anderson Creek | X | X | X | X | | |
| 62 | Kratzer Run | | | | | | |
| 63 | Twomile Run | X | X | X | X | | |
| 64 | Babb Creek | | | | | | |
| 65 | Sterling Run (Sinnemahoning) | X | | X | X | | |
| 66 | Bennett Branch | X | X | | | | |
| 67 | Beech Creek | X | | X | X | | |
| 68 | Dents Run | X | | X | X | X | |
| R1 | WB at Cherry Tree | | | | | | |
| R2 | WB at Burnside | | | | | | |
| R3 | WB at McGees Mills | | | | | | |
| R4 | WB at Bower | | | | | | |
| R5 | WB at Lumber City | | | | | | |
| R6 | WB at Curwensville | | | | | | |
| R7 | WB at 879 Bridge | | | | | | |
| R8 | WB at Karthaus | | | | | | |
| R9 | WB at Shawville | | | | | | |
| R10 | WB at Westport | | | | | | |
| R11 | WB at Renovo | | | | | | |
| R12 | WB at Lock Haven | X | X | | | | |