

## APPENDIX A

Station	Location Description	Latitude	Longitude
A1	Mouth of Alberts Run, located north of State Game Lands No. 98	40.939992442	-78.359183274
ALBT Hdw.*	Headwaters of Alberts Run, downstream of Old Erie Pike (SR 2024)	40.951800000	-78.343100000
C1	Mouth of Crooked Sewer Run, located alongside Rt. 153	40.957403199	-78.373567680
J1	Mouth of James Run located south of State Game Lands No. 98, near Newtown, Pa.	40.924338717	-78.359534448
<b>D2</b>	<b>Discharge located north of new development off of Meases Road (T659)</b>	40.887674184	-78.359296211
<b>D3</b>	<b>Discharge upstream of SR 2012</b>	40.894592837	-78.370270758
<b>D4</b>	<b>Discharge located downstream of SR 2012 along old railroad bed, downstream of MORG01</b>	40.901203031	-78.361344317
<b>D5</b>	<b>Discharge located above beaver dam and abandoned building along old railroad bed near Newtown, Pa.</b>	40.903076041	-78.357655721
<b>D6</b>	<b>Discharge located on Ross Creek along old railroad bed across from log gate near Newtown, Pa.</b>	40.914850078	-78.351808516
<b>D7</b>	<b>Upstream discharge located on James Run</b>	40.924818694	-78.357990413
<b>D8</b>	<b>Downstream discharge located on James Run</b>	40.924495951	-78.359156565
<b>D9</b>	<b>Discharge located in State Game Lands No. 98 downstream of James Run and Morgan Run confluence</b>	40.924945542	-78.360354092
<b>D10</b>	<b>Discharge located in State Game Lands No. 98 downstream of MORD09</b>	40.925843152	-78.361886448
<b>D11</b>	<b>Discharge located in State Game Lands No. 98 downstream of MORD10</b>	40.930305556	-78.364166667
<b>D12</b>	<b>Discharge located in State Game Lands No. 98 downstream of MORD11</b>	40.934222222	-78.363833333
<b>D13</b>	<b>Discharge located in State Game Lands No. 98 downstream of MORD12</b>	40.934327147	-78.362976630
<b>D14</b>	<b>Discharge located in State Game Lands No. 98 downstream of MORD13</b>	40.934837145	-78.362802774
M0.5	Most upstream site on Morgan Run behind new development off Meases Road (T659)	40.881403417	-78.354651499
M1	Morgan Run downstream of SR 2012 along abandoned railroad bed at large boulders and ford	40.899588011	-78.363087464
M2	Morgan Run downstream of MORD04 and upstream of where MORD05 discharge enters Morgan Run	40.905116810	-78.360653380
M3	Morgan Run downstream of where MORD05 enters Morgan Run	40.907716758	-78.361818759
M4	Morgan Run upstream of James Run	40.924149594	-78.359699156
M5	Morgan Run downstream of James Run and upstream of State Game Land No. 98 discharges	40.924658413	-78.360170993
M6	Morgan Run downstream of State Game Lands No. 98 discharges and upstream of Alberts Run	40.939861036	-78.359975418
M7	Morgan Run downstream of Alberts Run and upstream of Rt. 153 bridge	40.953854265	-78.373875598
M8	Morgan Run at mouth	40.958096465	-78.401036368

\* Only electrofishing, field chemistry sampling, and habitat assessment were conducted at this site.