

## MS4 Biological Data Entry Workbook AACounty 12132023

Comments and ReadMe information organized by Excel workbook tab.

Tab 1 MasterSampleList – all fields provided

Tab 2 SampleInfo – all fields provided

Tab 3 SiteCoordinates – fields missing data, or explanation:

ST\_NAME – text description of Anne Arundel County PSU sample is located within.

DESCRIPTION – not aware of this recommended field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Recommended field, will not add collection of this field to program. Some information may be collected in tab 4 Comments.

Tab 4 Comments – fields missing data:

SampleNotes – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024.

Tab 5 BenthicData – all fields provided.

Tab 6 BenthicSampledHab – all fields provided.

Tab 7 Habitat – fields missing data:

StreamRestoration – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024.

AVGWID – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024.

AVGTHAL – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024.

AVG\_VEL – not aware of this recommended field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Recommended field, not adding collection of this field to program.

DischargeCFS – Recommended field, will not add collection of this field to program.

DischError – Recommended field, will not add collection of this field to program.

CrayfishBurrows - Recommended field, will add collection of this field to program starting in 2024.

Tab 8 RiparianBufferBreaks – all fields provided.

Tab 9 StreamModification – fields missing data:

BankRegrL – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

BankRegrR – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

WoodL – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

WoodB – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

WoodR – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

EroConL – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

EroConB – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

EroConR – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024 if MBSS provides training and documentation for this field.

Description – not aware of this Recommended field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will discuss internally modifying existing electronic field data collection system at additional cost to include this field. No decision yet made for 2024 collection.

Tab 10 WaterChemistry – fields missing data:

TIMEZONE – not aware of this mandatory field until 10/19/2023 meeting. This field not in most recent 2019 MBSS sampling manual. Will add collection of this mandatory field to program starting in 2024.

General note for all \_QUALIFIER fields – this is listed as Mandatory but few records will have qualifier codes provided for issues called out by the analysis lab. Blanks in these field should not be held against the County in these instances. Recommend making these fields 'Conditional' to follow MS4 reporting GDB.