

### Biological Feature Class Attribute Key

BIOLOGICAL_POINTS	
PROJECT ID	Five digit project number provided by TVA
FIELD_ID	Feature ID from field survey
DATE	Date feature was surveyed
ENV_RESOURCE	Survey type (utilizing drop down list in attribute table)
SEQ_ID	Final feature ID if necessary to sequence features on linear projects such as transmission lines. Sequence should start from lower structure numbers and increase as the structure numbers increase. If project is not a linear, number in ordered methodical manner.
NOTES	Additional information seen as important by field personnel

BIOLOGICAL_POLYLINES	
PROJECT ID	Project number provided by TVA
DATA_STATUS	Select "Raw" (utilizing drop down list in attribute table)
REVIEW_TYPE	Select review type "Field"/"Desktop" (utilizing drop down list in attribute table)
DATE	Date feature was surveyed
ENV_RESOURCE	Survey type (utilizing drop down list in attribute table)
FIELD_ID	Feature ID from field survey
SEQ_ID	Final feature ID if necessary to sequence features on linear projects such as transmission lines. Sequence should start from lower structure numbers and increase as the structure numbers increase. If project is not a linear, number in ordered methodical manner.
STREAM_CAT	Select "Perennial", "Intermittent", "WWC", "Ephemeral", or "Pond" (utilizing drop down list in attribute table)
SMZ_CAT	Leave blank
SMZW_RB	Determine SMZ width per TVA 2017 BMP guidance. See minimum SMZ width table below.
SMZW_LB	Determine SMZ width per TVA 2017 BMP guidance. See minimum SMZ width table below.
TVA_RAM	TRAM or TVARAM score as appropriate
COWARDIN_CLASS	Cowardin Classification for Streams and Wetlands
FIELD_NOTES	Feature description/location description, additional information seen as important by field personnel
SPECIAL_INSTRUCTIONS	Leave blank
PHOTO	Include photo numbers from provided photolog
BUFFER_DIST	Leave blank

BIOLOGICAL_POLYGONS	
PROJECT ID	Project number provided by TVA
DATA_STATUS	Select "Raw" (utilizing drop down list in attribute table)
REVIEW_TYPE	Select review type "Field"/"Desktop" (utilizing drop down list in attribute table)
DATE	Date feature was surveyed
ENV_RESOURCE	Survey type (utilizing drop down list in attribute table)
FIELD_ID	Feature ID from field survey
SEQ_ID	Final feature ID if necessary to sequence features on linear projects such as transmission lines. Sequence should start from lower structure numbers and increase as the structure numbers increase. If project is not a linear, number in ordered methodical manner.
STREAM_CAT	Select "Perennial", "Intermittent", "WWC", "Ephemeral", or "Pond" (utilizing drop down list in attribute table)
SMZ_CAT	Leave blank
SMZW_RB	Determine SMZ width per TVA 2017 BMP guidance. See minimum SMZ width table below.
SMZW_LB	Determine SMZ width per TVA 2017 BMP guidance. See minimum SMZ width table below.
TVA_RAM	TRAM or TVARAM score as appropriate
COWARDIN_CLASS	Cowardin Classification for Streams and Wetlands
FIELD_NOTES	Feature description/location description, additional information seen as important by field personnel
SPECIAL_INSTRUCTIONS	Leave blank
PHOTO	Include photo numbers from provided photolog
BUFFER_DIST	Leave blank
ACRES	Total acres within project review area

SMZ Category	% Slope of Adjacent Lands				
	1-10	11-20	21-30	31-40	41+
	SMZ Width each side (feet)				
A - Standard	50	70	90	110	130
B - Important	70	90	110	130	150
C - Unique	90	110	130	150	170