Attributes Victorian Wetlands Inventory – 20March2025

Attribute	Description	Example
CMA	Catchment Management Authority regions	CCMA
WETLAND_NO	Persistent identifier -now unique. WETLAND_NO < 100,000 corresponds to the original Wetlands_Current WETLAND_NO. In cases where multiple polygons had the same WETLAND_NO (e.g. Western Port Bay, Tootgarook Swamp) it was retained for the largest polygon only and smaller polys were allocated a new number. New wetlands were allocated a unique number > 100,000	50309
UniqueID	Unique identifier for the specific boundary mapping geometry. The UID is a 9 character geohash encoding of the polygon centroid. Is unique for the current boundary mapping to a resolution of 3m. If the boundary is edited a new UID will be assigned. The encoding is spatially hierarchical so that wetlands close together will have similar UID.	r1jgcedjz
NAME_MAIN	Wetland Name - derived from source data sets (unfortunately many are unpopulated)	
NAME_ALT	Alternative name	
AreaHa	Area in Hectares calculated using the Albers Equal Area projection	2.031219622
WTLND_TYPE	Wetland Type as classified by the Victorian Wetland Classification System for naturally occurring wetlands from attributes (AQ_SYSTEM, SAL_REGIME, WAT_REGIME, DOM_VEG). For Artificially constructed wetlands the wetland type is derived from the AQ_SYSTEM attribute and AreaHA	Coastal saltmarsh
WTYPEConf	Confidence in WTLND_TYPE (sum of confidence scores for all other attributes)	10
AQ_SYSTEM	Aquatic system type. Naturally occurring wetlands are Estuarine, Lacustrine, Palustrine, Marine). Artificially constricted wetlands are classed by their function (treatment plants, aquaculture, dams/storage)	Estuarine
AQSYS_Conf	Confidence in AQ_SYSTEM assignment (0 = not applicable, 1= Low, 2=Medium, 3=high, 4=certain)	1
SAL_REGIME	A range of classes from saline to fresh	Saline
SALREGConf	Confidence in SAL_REGIME assignment (0 = not applicable, 1= Low, 2=Medium, 3=high, 4=certain)	2
WAT_REGIME	Water regime (a range of values from episodic, temporary to permanent)	Intermittent
WATREGConf	Confidence in wetland type (0 = not applicable, 1= Low, 2=Medium, 3=high, 4=certain)	3
WAT_SOURCE	Water source (surface, river, spring, groundwater)	River
WATSRCConf	Confidence in wetland type (0 = not applicable, 1= Low, 2=Medium, 3=high, 4=certain)	1
DOM_VEG	Dominant vegetation class (derived from EVC mapping and attributes of source data)	Saltmarsh
DOMVEGConf	Confidence in wetland type (0 = not applicable, 1= Low, 2=Medium, 3=high, 4=certain)	3

Comments	A space for comments	
GeomSrc	ID code for source data set for mapping geometry that was imported	3
GeomSrcFld	The field name in the source data set that identifies the specific feature geometry that was imported	PFI
GeomSrcId	The field value in the source data set that identifies the specific feature geometry that was imported	8181287
Evidence	A text string that identifies various evidentiary layers used to identify that source geometry had wetland values and was therefore a wetland to be included in the inventory	landcover;wbv2;evc;mapping;
OLD_WTLDNO	Legacy field that identifies the "WETLAND_NO" from the earlier "Wetlands_Current" data set. This numbering systems had limited range and was not able to accommodate the new inventory	
ASSETConf	Confidence that the mapped feature is a wetland using the number of evidentiary layers indicating the mapped feature had wetland values	4
VERS_DATE	Date used to tag the VWI release	10/10/2024
SrcDataNam	Source Dataset Name that corresponds to the GeomSrc (source data set ID code)	Vic Hydro_water_area_polygon

Set values to validate attribute fields (Domain Vocabulary)

CMA
CCMA
EGCMA
GBCMA
GHCMA
MCMA
NCCMA
NECMA
PPWPCMA
WCMA
WGCMA

AQ_SYSTEM
Aquaculture pond
Dam/storage
Estuarine
Excavation pond
Lacustrine
Marine
Palustrine
Pond
Salt works
Settling Pond
Sewage treatment pond
Stormwater treatment pond
Water storage

SAL_REGIME
Fresh
Hypersaline
Hyposaline
Mesosaline
Partially Saline
Saline

WAT_REGIME
Episodic
Intermittent
Intertidal
Periodically inundated
Periodically Inundated
Periodically Inundated - Episodic

Periodically Inundated - Intermittent
Periodically Inundated - Seasonal
Periodically Inundated - Seasonal Or Episodic
Periodically Inundated - Seasonal Or Intermittent
Periodically Inundated - Unknown
Permanent
Seasonal
Supratidal
Unknown

WAT_SOURCE
Artificial
Groundwater
Intertidal
Marine
River
Subtidal
Supratidal
Surface water
Tidal

DOM_VEG
Aquatic grass/sedge/forb
Black box
Forest/woodland
Freshwater forbs
Freshwater grasses
Grass / forb
Lignum
Mangrove
Moss/heath
No emergent vegetation
Other aquatic tree
Paperbark
River red gum
Saltmarsh
Seagrass
Sedge/grass/forb
Shrub
Tall emergent aquatic
Tree
Unknown

GeomSrc – input data sets that have supplied mapping to the VWI

code	value
1	Vic ISC HydroLine
2	Wetlands_Current
3	Vic Hydro_water_area_polygon
4	Vic ISC2010 Streambed Width
5	Geofabric v3.2 AHGFNetworkStream
6	Digital Earth Australia Waterbodies v2
7	Vicmap Hydro - Water Polygon Fuzzy
8	Lower_Ovens_Wetlands_ctf
9	IEC_Fringing_Veg_dissolved
10	MWWG Wetlands of the Central Murray
11	MWregion_Waterbodies_v13
12	Farm Dam Boundaries (FARM_DAMS)
13	Intertidal EVC saltmarsh and mangroves
15	ALPS
16	ALPS_P2
17	Alpine Bogs
18	CORANG
19	GB_LB
20	GB_SPR
21	GB_SS
22	MALLEE2013
23	MALLEE2021
24	MAP2013_P1
25	MAP2013_P2
26	MAP2017_P3
27	Mitchell River Floodplain Wetlands
28	MW_BILLA
29	MW_DR_WAT
30	N_CENT
31	Seasonal Herbaceous Wetlands
32	TOOTGAROOK
33	W_GIPP
34	WET1994
35	WIMM2
36	Winton Wetland_extent_April_2013.shp
37	VicMap Hy_Water_Points

Confidence

code	value
0	n/a
1	Low
2	Medium
3	High
4	Certain