# Attributes Victorian Wetlands Inventory – 20March2025

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| 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](https://www.movable-type.co.uk/scripts/geohash.html) 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)

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| CMA |
| CCMA |
| EGCMA |
| GBCMA |
| GHCMA |
| MCMA |
| NCCMA |
| NECMA |
| PPWPCMA |
| WCMA |
| WGCMA |

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| --- |
| 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 |

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| SAL\_REGIME |
| Fresh |
| Hypersaline |
| Hyposaline |
| Mesosaline |
| Partially Saline |
| Saline |

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| --- |
| 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 |

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| WAT\_SOURCE |
| Artificial |
| Groundwater |
| Intertidal |
| Marine |
| River |
| Subtidal |
| Supratidal |
| Surface water |
| Tidal |

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| 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 |