

Biodiversity 2037 Activity data requirements v1.0

Many Victorians contribute to biodiversity protection and enhancement. To account for these contributions and measure progress against Biodiversity 2037 these activities are mapped along with key activity information. The Biodiversity 2037 activity data tables contain the fields and values important for understanding activities delivered for biodiversity benefit. The activity data tables cover project and activity management information; who is involved in delivery; activity delivery details such as standards of delivery, timing, and frequency.

Attribute description	Common attributes
Description of attributes (fields) that apply to all or most of the Activity tables.	Fields and values that apply to each activity below.
Animal control Pest animal or overabundant exotic or native wildlife management.	Partnership Fields and values about formal partnerships developed.
Assessment Assessments for information gathering that may or may not lead to management actions.	Plan Plans developed to guide management.
Campaign Large scale, active and organised behaviour change activities.	Program Programs delivered for biodiversity benefit.
Earth works Earthworks for environmental management.	Publication Key print and electronic communications materials.
Ecological thinning Thinning to improve structure / composition of native vegetation.	Research and monitoring Research and monitoring to fill knowledge gaps.
Engagement event Events for engaging communities.	Revegetation and restoration Revegetating or restoring (often cleared) land, and marine and coastal environments.
Erosion control Fields and values about activities to control erosion.	Rubbish removal Fields and values about rubbish removal activities.
Fence Construction and maintenance of fences.	Seed funding Funding initiatives for establishing development programs.
Fire Fields and values about the use of fire.	Terrestrial structure Structures installed and maintained on land.
Grazing management Changes to grazing management practices.	Threatened species response Actions taken to manage threatened species.
Habitat feature Artificially creating habitat for native animals.	Water Environmental or cultural water management.
Management agreement Agreements for the conservation of land and/or biodiversity.	Waterway structure Structures installed and maintained in waterways.
Marine structure Structures installed and maintained in marine environments.	Weed Control Weeds, overabundant or out of range native plant management.
Monitoring structure Structures and locations for monitoring and surveillance.	Wildlife emergency response Actions taken in response to wildlife emergencies.

Attribute description

The following are descriptions of the fields (attributes) that apply to all or most of the Activity tables.

Attribute	Description
Reporting standard name and version	The name of the data standard being used for the data supplied. This reporting standard is Bio2037 V1 May2020. DELWP Output data standard version might also be used
Year activity delivered	The financial year the activity was delivered. Note: when using the shapefile template 2019 – 2020 should be recorded as 1920. Activities delivered at the same locations in multiple years should be reported separately each year.
Fund source	The name or identifier of the program funding delivery. This should be supplied by the funder.
Project ID:	The name or identifier, usually a code, that identifies the project under which activities are delivered. This code is often supplied by the funder.
Delivery agent	The main organisation responsible for delivering the activity. This may or may not be the same organisation doing the on-ground works.
Delivery agent name	The name of the organisation responsible for delivering the activity
Planned management outcome	The outcome the activity contributes to as described in government policy, plan or strategy.
Environment	The environment in which the activity is being delivered
Title	The activity title is provided in each table. For Animal control one title should be selected.
On ground works agent (Agent doing the work/delivery)	The persons or organisation doing the on-ground works. This may or may not be the same as the Delivery agent.
On ground works agent name	The name of the organisation doing the on-ground works. This should not be supplied for private individuals or companies
Total volunteer number	The total number of volunteers involved in delivering an activity for the reporting period. Where volunteers are involved in delivering a range of activities the total number of volunteers can either be reported against the main activity or split across the range of activities.
Total volunteer hours	The total number of hours that volunteers contribute to delivering an activity for the reporting period. Where volunteers are involved in delivering a range of activities the total number of hours can either be reported against the main activity or split across the range of activities.
Purpose	The specific purpose of the activity. This will usually align with the planned management outcome. Example: Planned management outcome is Species control, the Purpose could be Protect Agriculture, Fire protection or Protect water etc.
Species	The species being managed/protected. This field applies to the Victorian Biodiversity Atlas (VBA) taxon ID. For Taxon ID please refer to the ‘VBA Species Check list’ .

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Common Attributes

Guidance:

Common Attributes are to be supplied for each feature by the person providing the data to DELWP, usually the 'Delivery Agent' being the organisation managing the program or project.

Attribute (field)	Reporting standard name and version	Year activity delivered	Fund Source	Project Id	Delivery agent	Delivery agent name	Planned management outcome	Environment
Valid value	Bio 2037 V1.0 DELWP Output data standard V2.0	Year	<ul style="list-style-type: none"> Name of State Government funding program Name of Federal Government funding program Local Government Philanthropic Corporate Private funding Nil 		<ul style="list-style-type: none"> Catchment Management Authority Coastcare Community Group DELWP Friends-of Group Government Agency Landcare Local Council Management Committee Non-government Org Not for Profit Org Parks Victoria Private Land Manager Research Organisation Traditional Owner Trust for Nature Volunteers Water Corporation Other 		<ul style="list-style-type: none"> Amenity Accessibility Awareness Collaboration Connection to Country Cultural Heritage Environmental water Extreme event preparedness Farm Water Governance Groundwater Habitat available Productivity Skills Soil properties Soil stability Species control Species recovery Vegetation extent Vegetation structure and diversity Water quality 	<ul style="list-style-type: none"> Estuarine Marine and Coasts River and stream Terrestrial Wetland

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Animal control: pest or exotic animals, overabundant or out of range native wildlife.

Pest animal or overabundant exotic or native wildlife management.

Field (attribute)	Title	Type	Purpose	Management aim	Treatment method	Species	Species common name	Number of animals treated	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total volunteer number	Total volunteer hours
Valid value	<ul style="list-style-type: none"> Pest animals Over abundant wildlife (includes exotic wildlife (deer)) 	<ul style="list-style-type: none"> Herbivore Predator Nuisance 	<ul style="list-style-type: none"> Protect Aboriginal/ Traditional Owner cultural heritage Protect agriculture Protect biodiversity Protect Water 	<ul style="list-style-type: none"> Asset based protection Containment Eradication Prevention 	<ul style="list-style-type: none"> Bait* Biological Destroy in situ Disturb Fertility control Fence Fumigate Ground shoot Harbour destruction Aerial shoot Manual removal Muster Translocate Trap* 	Select taxon id from Victorian Biodiversity Atlas (VBA)		<ul style="list-style-type: none"> Number For bait station baiting this can be bait take. Trapping, this will be the number of animals trapped 	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Organisation name 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial feature	Polygon											

*Additional information is required. See Level of delivery – baiting, and Level of delivery – trapping

Species: Select taxon ID from Victorian Biodiversity Atlas (VBA) [species check list](#)

On ground works agent name. Optional, this may be published. Do not record Contractor or Landowner.

Level of delivery - baiting

No. of bait stations within the spatial feature	Frequency of check & replace	Baiting period No of pulses/year	Duration of pulse Weeks	Break between pulse/weeks
Number	<ul style="list-style-type: none"> Weekly Fortnightly Monthly Other 	Number	Number	Number

Level of delivery - trapping

No. of trap sites within the spatial feature	Duration of trapping/weeks
Number	Number

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Weed Control

Weeds, overabundant or out of range native plant management.

Field (attribute)	Title	Purpose	Treatment) method	Management Aim	Species	Species common name	Target species arrangement	Target species coverage %	Number of weed species identified	Number of weed species treated
Valid value	Weed Control	<ul style="list-style-type: none"> • Access/amenity • Fire protection • Protect Aboriginal/Traditional Owner cultural heritage • Protect agriculture • Protect biodiversity • Protect water 	<ul style="list-style-type: none"> • Biological • Chemical • Manual • Mechanical • Fire • Heat 	<ul style="list-style-type: none"> • Asset based protection • Containment • Eradication • Prevention 	Select taxon ID from Victorian Biodiversity Atlas (VBA)		<ul style="list-style-type: none"> • Scattered individuals • Small patches • Large patches • Majority coverage • Complete coverage 	• Number	• Number	• Number
		<p>On ground works agent (Agent doing the work/delivery)</p> <ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/community group 	<p>On ground works agent name</p> <ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	<p>Total volunteer number</p> <ul style="list-style-type: none"> • Number 	<p>Total volunteer hours</p> <ul style="list-style-type: none"> • Number 					
Spatial feature	Polygon									

Note:

Species: Select taxon ID from Victorian Biodiversity Atlas (VBA) [species check list](#)

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Revegetation/Restoration

Revegetating or restoring (often cleared) land, and marine and coastal environments.

Field (attribute)	Title	Type	Provenance	Stage of delivery	Method	Target EVC / Biotope code	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Revegetation / restoration	<ul style="list-style-type: none"> EVC structure and diversity EVC multi strata EVC overstory Mixed species Biotope structure and diversity Biotope overstory 	<ul style="list-style-type: none"> Climate change adjusted Combination climate change adjusted and local. Local 	<ul style="list-style-type: none"> Establish Maintain Modify 	<ul style="list-style-type: none"> Aerial sowing Brush mulching Direct sowing Hydro mulching Long-stem planting Seedbank introduction Seedling planting Maintenance Soil preparation Artificial kelp 	NA for mixed species	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial feature	Polygon									

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Threatened species response

Actions taken to manage threatened species.

Field (attribute)	Title	Purpose	Type	Treatment area (hectares)	Species	Species common name	No. of individuals	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total volunteer number	Total volunteer hours
Valid value	Threatened species response	<ul style="list-style-type: none"> Restore biological community Restore individual species 	<ul style="list-style-type: none"> Caging Captive breeding Collect/ store seed or vegetative material Connectivity interventions Cryobanking Establish new population Fenced-wild captive breeding Genetic interventions Genetic testing Germplasm Inoculate soil Pollination Propagation Species introduction/ reintroduction Supplementary watering/feeding Wild to wild translocation. Other 	• Number	• Number		• Number	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	• Number	• Number
Spatial feature	Point										

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Rubbish removal

Fields and values about rubbish removal activities.

Field (attribute)	Title	Type	Purpose	Method	Collection area percentage	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total volunteer number	Total volunteer hours
Valid value	Rubbish removal	<ul style="list-style-type: none"> Litter trap Dumped rubbish Litter 	<ul style="list-style-type: none"> Amenity Protect agriculture Protect biodiversity Protect cultural heritage Protect water quality/flow 	<ul style="list-style-type: none"> Manual removal Mechanical removal 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial Feature	Polygon								

Note:

<https://www.litterwatchvictoria.org.au>

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Habitat feature

Fields and values about rubbish removal activities.

Field (attribute)	Title	Type	Stage of delivery	*Species	Species common name	Number of features e.g. nest boxes/tree hollows	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total volunteer number	Total volunteer hours
Valid value	Habitat feature	<ul style="list-style-type: none"> Man-made ground feature Logs Natural ground feature Artificial tree hollow Artificial/temporary pond Other structure Bat box Rocks Other Artificial reef Hybrid reef Large wood Lunker (fish hotel) Natural reef Large wood 1 Large wood 2 Large wood 3 Large wood 4 	<ul style="list-style-type: none"> Install Maintain Modify Replace 	Select taxon ID from Victorian Biodiversity Atlas (VBA)	•	• Number	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	• Number	• Number
Spatial Feature	Polygon									

Notes:

Species: Select taxon ID from Victorian Biodiversity Atlas (VBA) [species check list](#)

If the habitat feature is for the benefit of a single species, please record the taxon ID.

Habitat features exact locations, established for Flora and Fauna, should be recorded in the Victorian Biodiversity Atlas (VBA) and sensitive sites can be protected from general view. Species monitoring at these sites can then be directly associated with 'habitat features'.

For sensitive habitat features please create a generalised view of the location to protect the sites.

Large wood categories are for aquatic environments and refer specifically to the [Recording information on reintroduced aquatic habitat structures](#).

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Fire

Fields and values about the use of fire.

Field (attribute)	Title	Purpose	Timing	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total volunteer number	Total volunteer hours
Valid value	Fire	<ul style="list-style-type: none">• Cultural• Ecological• Fuel reduction• Regeneration• Weed control	<ul style="list-style-type: none">• Summer• Autumn• Winter• Spring	<ul style="list-style-type: none">• Contractor• Landowner• Traditional Owner• Managing organisation staff• Volunteers/community group	<ul style="list-style-type: none">• Organisation name• Not recorded (select for contractor & Landowner)	<ul style="list-style-type: none">• Number	<ul style="list-style-type: none">• Number
Spatial Feature	Polygon						

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Fence

Construction and maintenance of fences.

Field (attribute)	Title	Type	Stage of delivery	Purpose	Change in access	Specific type	Species access change	Area fenced (Ha)	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total volunteer number	Total volunteer hours
Valid value	Fence	<ul style="list-style-type: none"> Internal External Temporary internal Temporary external 	<ul style="list-style-type: none"> Install Maintain Modify Remove Replace 	<ul style="list-style-type: none"> Agricultural Protect Aboriginal/Traditional Owner cultural heritage Protect biodiversity Protect water 	<ul style="list-style-type: none"> Contain Exclude 	<ul style="list-style-type: none"> Bollard Conventional fence Predator proof fence Electric fence Mesh fence Waterway Combination 	<ul style="list-style-type: none"> Deer Domestic stock Human and related activities Native species Pest herbivore Pest predator NA 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial feature	Line											

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Monitoring structure

Structures and locations for monitoring and surveillance.

Field (attribute)	Title	Type	Stage of delivery	Purpose	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Monitoring structure	<ul style="list-style-type: none"> Artificial substrate Bore Buoy/mooring Camera trap Hide Measuring station Photo point Trap Quadrats Recruitment plates Song meter Depth gauge Flow meter Other 	<ul style="list-style-type: none"> Install Maintain Modify Remove Replace 	<ul style="list-style-type: none"> Fauna Flora Groundwater Soil Surface water Weather Water quality Wave 	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial feature	Point							

Notes:

Monitoring structures established for Flora and Fauna should be recorded in the Victorian Biodiversity Atlas (VBA) and sensitive sites can be protected from general view.

Species observations at these sites should be associated with the monitoring structures in the VBA.

For sensitive monitoring structures please create an inaccurate location to protect the site/s.

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Assessment

Assessments for information gathering that may or may not lead to management actions.

Field (attribute)	Title	Type	Data Storage	Database Id	Assessment method	Related Activity	Related Activity Stage	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Assessment	<ul style="list-style-type: none"> • Agronomic • Cultural • Ecological • Fauna • Flora • Geological • Geospatial • Habitat hectare • Heritage • Invasive species • Litter audit • Property • Social • Soil • Groundwater • Surface water • Weather • Threatened species • Other 	<ul style="list-style-type: none"> • Agency database • Atlas of living Australia • Birdlife Australia Birdata • Coastkit • iNaturalist • Litterwatch • Monitoring sites database • Mdba • Salinity register • Star • Victorian Biodiversity Atlas • VictoriaWater Data Warehouse • VMCP • Waterwatch/ estuary watch data warehouse • NA • Other 	Identifier for the record in the database e.g. VBA or Birdata survey id	<ul style="list-style-type: none"> • Inspection • Model • Survey? • Remote • Visual • Other 	<ul style="list-style-type: none"> • Animal control • Habitat condition • Management agreement • Research and monitoring • Revegetation and restoration • Threatened species response. • Weed control • Water • N/a 	<ul style="list-style-type: none"> • Pre treatment • Post treatment • Na 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/ community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	• Number	• Number
Spatial feature	Polygon										

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Wildlife Emergency response

Actions taken in response to wildlife emergencies.

Field (attribute)	Title	Type	Event response	Event	Treatment Area	Species	Species common name	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Wildlife emergency response	<ul style="list-style-type: none"> Fauna/animal Flora/plant 	<ul style="list-style-type: none"> De-oiling Disentanglement Extraction to temporary housing Extraction and wild to wild translocation Temporary care and release Rehabilitation Supplementary watering/feeding Whale/dolphin recovery Veterinary treatment Other 	<ul style="list-style-type: none"> Chemical spill Disease Entanglement Fire Flood Whale/dolphin stranding Other 	<ul style="list-style-type: none"> Hectares 			<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial feature	Point										

Notes:

Species Select taxon ID from Victorian Biodiversity Atlas (VBA) [species check list](#)

Records of individuals and any salvage and translocation information should be recorded in the Victorian Biodiversity Atlas (VBA)

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Marine structure

Structures installed and maintained in marine environments.

Field (attribute)	Title	Purpose	Type	Stage of delivery	Specific type	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Volunteer (number)	Total volunteer hours
Valid value	Marine structure	<ul style="list-style-type: none"> • Protect Aboriginal/Traditional Owner cultural heritage • Protect biodiversity • Protect water 	<ul style="list-style-type: none"> • Artificial kelp • Artificial reef • Breakwater • Groyne • Jetty • Fishway • Fish barrier • Gross pollutant trap • Hybrid reef • Lunker (fish hotel) • Natural reef • Outlet • Pile field • Revetment • Rock seeding • Seawall • Sill • Other 	<ul style="list-style-type: none"> • Install • Maintain • Modify • Remove • Replace 	<ul style="list-style-type: none"> • Natural material • Artificial material • Mix of materials 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Staff from activity managing organisation. • Volunteers/community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> • Number 	<ul style="list-style-type: none"> • Number
Spatial feature	Polygon								

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Waterway structure

Structures installed and maintained in waterways.

Field (attribute)	Title	Type	Stage of delivery	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Water structure	<ul style="list-style-type: none"> • Carp screen • Chute • Groyne • Fishway • Fish barrier • Flow regulator • Gross pollutant trap • Large wood 1 • Large wood 2 • Large wood 3 • Large wood 4 • Small wood • Lunker (fish hotel) • Outlet • Pile field • Rock seeding • Sill 	<ul style="list-style-type: none"> • Install • Maintain • Modify • Remove • Replace 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> • Number 	<ul style="list-style-type: none"> • Number
Spatial feature	Polygon						

Note: Large wood categories refer specifically to the [Recording information on reintroduced aquatic habitat structures](#).

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Terrestrial Structure

Structures installed and maintained on land.

Field (attribute)	Title	Type	Stage of delivery	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Terrestrial structure	<ul style="list-style-type: none"> Hygiene station Signage Other 	<ul style="list-style-type: none"> Install Maintain Modify Remove Replace 	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial feature	Point						

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Erosion Control

Fields and values about activities to control erosion.

Field (attribute)	Title	Type	Stage of delivery	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Erosion control	<ul style="list-style-type: none"> • Armouring • Artificial reef • Battering • Beach renourishment • Cliff stabilisation • Coir logs • Dredging • Engineered structure • Fence • Hybrid reef • Jute mat • Natural reef • Planting • Removal of access • Sandbags • Sediment trap • Vegetation dead on the ground. 	<ul style="list-style-type: none"> • Establish • Maintain • Modify • Replace 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> • Number 	<ul style="list-style-type: none"> • Number
Spatial feature	Point						

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Grazing Management

Changes to grazing management practices.

Field (attribute)	Title	Purpose	Method	Timing	Intensity	Grazing species	Land type	On ground works agent (Agent doing the work/delivery)	On ground works agent name
Valid value	Grazing management	<ul style="list-style-type: none"> • Agricultural • Biomass reduction • Weed control • Native vegetation protection • Revegetation 	<ul style="list-style-type: none"> • Controlled • Continuous • Exclusion • Rotational 	<ul style="list-style-type: none"> • Continuous • Autumn • Spring • Summer • Winter 	<ul style="list-style-type: none"> • High • Medium • Low • N/A 	<ul style="list-style-type: none"> • Cattle • Goat • Sheep • Deer • All • Other 	<ul style="list-style-type: none"> • Riparian • Agricultural • Grassland • Woodland • Forest 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner)
Spatial feature	Polygon								

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Ecological Thinning

Thinning to improve structure / composition of native vegetation.

Field (attribute)	Title	Type	Method	EVC / Biotope	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Ecological thinning	<ul style="list-style-type: none"> • Forest structure • Species composition • Forest structure and species composition 	<ul style="list-style-type: none"> • Brush- cut • Felling • Slash • Stem injection 		<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> • Number 	<ul style="list-style-type: none"> • Number
Spatial feature	Polygon							

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Water

Environmental or cultural water management.

Field (attribute)	Title	Type	Timing	Volume of water	Type of flow	Source of flow	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Water	<ul style="list-style-type: none"> • Cultural • Environmental • Agricultural • Regulated • Unregulated 	<ul style="list-style-type: none"> • Summer • Autumn • Winter • Spring 	<ul style="list-style-type: none"> • Number 	<ul style="list-style-type: none"> • Bank full • Base flow • Cease to flow • Dewatering • Drying • Fill • Flooding • Fresh • Low flow • Overbank flow • Partial fill • Tidal immersion • Top-up 	<ul style="list-style-type: none"> • Consumptive • Mixed • Water holdings 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/ community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> • Number 	<ul style="list-style-type: none"> • Number
Spatial feature	Polygon A polygon of a 20-metre buffer around the watercourse/wetland from the source point of the water to where the effect of the flow stops.									

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Earth works

Earthworks for environmental management.

Field (attribute)	Title	Purpose	Specific activity	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Earth works	<ul style="list-style-type: none"> • Estuary closing • Estuary opening • Land reclamation • Wetland restoration • Flood protection • Beach renourishment • Other 	<ul style="list-style-type: none"> • Armouring • Battering • Barrier • Dredging • Levee • Levelling 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/community group 	<ul style="list-style-type: none"> • Organisation name • Not recorded (select for contractor & Landowner) 	• Number	• Number
Spatial feature	Polygon						

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Research and monitoring

Research and monitoring to fill knowledge gaps.

Field (attribute)	Title	Type	Species	Species common name	Specific activity	Permit No.	On ground works agent (Agent doing the work/delivery)	On ground works agent name	Total Volunteer number	Total volunteer hours
Valid value	Research and monitoring	<ul style="list-style-type: none"> Ecological Geophysical Social 			<ul style="list-style-type: none"> Behaviour Life history/physiology Threats Population and distribution 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Contractor Landowner Traditional Owner Managing organisation staff Volunteers/ community group Education sector 	<ul style="list-style-type: none"> Organisation name Not recorded (select for contractor & Landowner) 	<ul style="list-style-type: none"> Number 	<ul style="list-style-type: none"> Number
Spatial Feature	Point									

Note:

Species: Select taxon ID from Victorian Biodiversity Atlas (VBA) [species check list](#)

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Management Agreement

Agreements for the conservation of land and/or biodiversity.

Field (attribute)	Title	Type	Status	Party	Duration	Agreement type (will not be published)	Purpose
Valid value	Management agreement	<ul style="list-style-type: none">• Binding non-perpetual• Binding perpetual	<ul style="list-style-type: none">• Registered• Removed	<ul style="list-style-type: none">• Private landholder• Public land manager• Traditional owner	<ul style="list-style-type: none">• Years• In perpetuity (99 years)	<ul style="list-style-type: none">• Offset• Voluntary not funded• Voluntary funded	<ul style="list-style-type: none">• Conservation• Domestic• Farming
Spatial feature	Polygon						

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Partnership

Fields and values about formal partnerships developed.

Field (attribute)	Title	Partner group (select multiple)	Parties	Contribution Type	Duration
Valid value	Partnership	<ul style="list-style-type: none">• Agencies/ corporates• Citizen science• Community groups• Corporate• Educational• Non-government organisation• Mixed• Research• Traditional owner organisations	<ul style="list-style-type: none">• List	<ul style="list-style-type: none">• Monetary contributions• In-kind contributions• Citizen science	<ul style="list-style-type: none">• Years
Spatial Feature	Point				

Notes:

A 'partnership' is based on the agreement documentation (MOU or equivalent) that may be legally or non-legally binding, but which identifies, and is signed by, all partners to the agreement. Hence there is one partnership per such agreement.

Partner group: The partnership is formed between the organisation/s listed in the Partner group field.

Duration –If the agreements is considered permanent then 99 should be entered as the value.

Spatial feature – Point should be placed on the office of one of the parties to the partnership.

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Plan

Plans developed to guide management.

Field (attribute)	Title	Type	Name/ Title	Year commenced	Duration	Focus	On ground works agent (Agent doing the work/delivery)	Target Audience	Scale
Valid value	Plan	<ul style="list-style-type: none"> Action statement Business case Co-management plan Engagement plan Joint management plan Property plan Management plan Strategy Whole country plan 		Month/year	Years	<ul style="list-style-type: none"> Adaption/ climate change Conservation Country / sea country Cultural development Cultural practices Environmental management Heritage Fauna Fire Fish Flora Irrigation Management practices Marine and coastal management Marine spatial System of environmental economic accounting Threat management Volunteer Other 	<ul style="list-style-type: none"> Contractor Consultant Landowner Traditional Owner Managing organisation staff Volunteers/ community group 	<ul style="list-style-type: none"> Aboriginal community Agency staff CBNRM group General community Investors Land managers Schools Youth Other 	<ul style="list-style-type: none"> Local Regional State
Spatial Feature	Polygon								

Note: Spatial Object. The polygon should be relevant to the plan. Where the plan covers a large area e.g. half of a CMA, a national Park or State forest, the polygon should be reduced to an area of the office of the plan's author.

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Publication

Key print and electronic communications materials.

Field (attribute)	Title	Type	Specific Type	Frequency	Target Audience	On ground works agent (Agent doing the work/delivery)	Campaign name
Valid value	Publication	<ul style="list-style-type: none"> • Written • Audio • Visual • Mixed 	<ul style="list-style-type: none"> • Advertising • Booklet • DVD • Flyer/ pamphlet • Fact sheet • Media release • Newsletter • Newspaper • Report • Social media • Standard • Website • Television • Video • Radio • Podcast • Other 	<ul style="list-style-type: none"> • Once • Ad hoc • Annually • Fortnightly • Monthly • Quarterly • Weekly 	<ul style="list-style-type: none"> • Aboriginal community • Agency staff • CBNRM group • General community • Indigenous • Land managers • Schools • Youth • Other 	<ul style="list-style-type: none"> • Contractor • Landowner • Traditional Owner • Managing organisation staff • Volunteers/ community group 	<ul style="list-style-type: none"> • Name of campaign • NA
Spatial Feature	Point						

Note: Spatial Object. The point is the site of the office of the author of the publication.

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Program

Programs delivered for biodiversity benefit

Field (attribute)	Title	Focus	Duration	On ground works agent (Agent doing the work/delivery)	Scale
Valid value	Program	<ul style="list-style-type: none">• Biodiversity stewardship• Cultural• Connection with nature• On-ground outcomes	<ul style="list-style-type: none">• Years	<ul style="list-style-type: none">• Contractor• Landowner• Traditional Owner• Managing organisation staff• Volunteers/ community group	<ul style="list-style-type: none">• Local• Regional• State
Spatial Feature	Point				

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Campaign

Large scale, active and organised behaviour change activities.

Field (attribute)	Title	Name of campaign	On ground works agent (Agent doing the work/delivery)	Target group/s	Duration	Focus
Valid value	Campaign		<ul style="list-style-type: none">• Contractor• Landowner• Traditional Owner• Managing organisation staff• Volunteers/ community group	<ul style="list-style-type: none">• All Victorians• Cultural groups• Industry groups• Land managers	Years	
Spatial Feature	Point					

Notes:

A campaign is large scale, organised and active for facilitating behaviour change in the community.

Spatial feature: Point should be placed on the office of the organisation managing the campaign

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Seed funding

Funding initiatives for establishing development programs.

Field (attribute)	Title	Type	Supported Project Name	Jobs	Target Audience	On ground works agent (Agent doing the work/delivery)
Valid value	Seed funding	<ul style="list-style-type: none">• Cultural development• Economic development• Social development	<ul style="list-style-type: none">• Name of project resulting from seed funding	Number	<ul style="list-style-type: none">• Aboriginal community• Agency staff• CBNRM group• General community• Indigenous• Land managers• Schools• Youth• Other	<ul style="list-style-type: none">• Contractor• Landowner• Traditional owner• Managing organisation staff• Volunteers/ community group
Spatial Feature	Point					

Notes:

Jobs: the number of jobs created due to the seed funding.

Spatial object: the point is the address of the Organisation managing the project as described in the Common Attributes.

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