



## Australian Government

### Commonwealth Environmental Water Holder

*We acknowledge the First Nations peoples as the Traditional Owners and Custodians of the lands, waterways and skies of the Murray-Darling Basin. We respect their continuing connection to culture and Country, and we thank them for their knowledge and science and the values reflected in these data.*

## River Murray Channel Monitoring Plan (RMCMP): Fish length weight Reach 2

| Dataset names    | RMCMP 2021-22<br>2022_midmurray_fish_length_weight_v3.csv                                                                                                                                                                                                                                                           |                                                                                                                                                                     |           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Dataset citation | CEWH RMCMP (2023)                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                     |           |
| Description      | The CEWH's RMCMP program examines the productivity and fish responses to flow in the River Murray Channel. Monitoring occurs at 4 reaches: 1) Hume to Torrumbarry, 2) Torrumbarry to Euston, 3) Euston to SA border and 4) SA border to Wellington. The data set includes fish census (length-weight) from reach 2. |                                                                                                                                                                     |           |
| Currency         | <b>Date from:</b> 1/1/2021                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |           |
|                  | <b>Date to:</b> 30/12/2022                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |           |
| Spatial domain   | <b>Jurisdiction/Location:</b> Murray-Darling Basin                                                                                                                                                                                                                                                                  |                                                                                                                                                                     |           |
|                  | <b>Geographic extent:</b> River Murray channel<br>Reach 2: -35.980379 144.493579 to -34.698837 142887728<br>Reach 3: -34.698837 142887728 to -34402224 to 141.066648                                                                                                                                                |                                                                                                                                                                     |           |
|                  | <b>Coordinate system:</b> Geodetic System WGS84                                                                                                                                                                                                                                                                     |                                                                                                                                                                     |           |
|                  |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                     |           |
| Dataset status   | <b>Progress:</b> Ongoing                                                                                                                                                                                                                                                                                            |                                                                                                                                                                     |           |
|                  | <b>Maintenance and update frequency:</b> Annually within the life of the RMCMP                                                                                                                                                                                                                                      |                                                                                                                                                                     |           |
| Attributes       | Attribute Name                                                                                                                                                                                                                                                                                                      | Description                                                                                                                                                         | Data Type |
| 1B-Torrumbarry   | SamplePoint                                                                                                                                                                                                                                                                                                         | River reach downstream Torrumbarry Weir. Sampled by electrofishing and larval drift sampling. Point represents beginning of site, with fishing progressing upstream | string    |
|                  | Description                                                                                                                                                                                                                                                                                                         | Optional description of the Sample Point                                                                                                                            | string    |
|                  | Latitude                                                                                                                                                                                                                                                                                                            | -35.91911                                                                                                                                                           | number    |
|                  | Longitude                                                                                                                                                                                                                                                                                                           | 144.428711                                                                                                                                                          | number    |
|                  | sampleDate                                                                                                                                                                                                                                                                                                          | 23/05/2022                                                                                                                                                          | dateTime  |
|                  | Program                                                                                                                                                                                                                                                                                                             | Murray Channel Program – Reach 2                                                                                                                                    |           |
| 2B-Barham        | SamplePoint                                                                                                                                                                                                                                                                                                         | River reach downstream Torrumbarry Weir. Sampled by electrofishing and larval drift sampling. Point represents beginning of site, with fishing progressing upstream | string    |
|                  | Description                                                                                                                                                                                                                                                                                                         | Optional description of the Sample Point                                                                                                                            | string    |
|                  | Latitude                                                                                                                                                                                                                                                                                                            | -35.63282                                                                                                                                                           | number    |
|                  | Longitude                                                                                                                                                                                                                                                                                                           | 144.131002                                                                                                                                                          | number    |
|                  | sampleDate                                                                                                                                                                                                                                                                                                          | 26/05/2022                                                                                                                                                          | dateTime  |
|                  | Program                                                                                                                                                                                                                                                                                                             | Murray Channel Program – Reach 2                                                                                                                                    |           |
| 3B-Swan Hill     | SamplePoint                                                                                                                                                                                                                                                                                                         | River reach downstream Torrumbarry Weir. Sampled by electrofishing and larval drift sampling. Point represents beginning of site, with fishing progressing upstream | string    |
|                  | Description                                                                                                                                                                                                                                                                                                         | Optional description of the Sample Point                                                                                                                            | string    |
|                  | Latitude                                                                                                                                                                                                                                                                                                            | -35.337187                                                                                                                                                          | number    |
|                  | Longitude                                                                                                                                                                                                                                                                                                           | 143.572208                                                                                                                                                          | number    |
|                  | sampleDate                                                                                                                                                                                                                                                                                                          | 25/05/2022                                                                                                                                                          | dateTime  |
|                  | Program                                                                                                                                                                                                                                                                                                             | Murray Channel Program – Reach 2                                                                                                                                    |           |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                     |          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>4B-Tooleybul-Piangil</b>    | SamplePoint                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | River reach downstream Torrumbarry Weir. Sampled by electrofishing and larval drift sampling. Point represents beginning of site, with fishing progressing upstream | string   |
|                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Optional description of the Sample Point                                                                                                                            | string   |
|                                | Latitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -35.052292                                                                                                                                                          | number   |
|                                | Longitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 143.331237                                                                                                                                                          | number   |
|                                | sampleDate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24/05/2022                                                                                                                                                          | dateTime |
|                                | Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Murray Channel Program – Reach 2                                                                                                                                    |          |
| <b>5B-Boundary Bend</b>        | SamplePoint                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | River reach downstream Torrumbarry Weir. Sampled by electrofishing and larval drift sampling. Point represents beginning of site, with fishing progressing upstream | string   |
|                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Optional description of the Sample Point                                                                                                                            | string   |
|                                | Latitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -34.713741                                                                                                                                                          | number   |
|                                | Longitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 143.147333                                                                                                                                                          | number   |
|                                | sampleDate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 03/05/2022                                                                                                                                                          | dateTime |
|                                | Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Murray Channel Program – Reach 2                                                                                                                                    |          |
| <b>6B-Euston_Belsar Island</b> | SamplePoint                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | River reach downstream Torrumbarry Weir. Sampled by electrofishing and larval drift sampling. Point represents beginning of site, with fishing progressing upstream | string   |
|                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Optional description of the Sample Point                                                                                                                            | string   |
|                                | Latitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -34.656556                                                                                                                                                          | number   |
|                                | Longitude                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 142.87027                                                                                                                                                           | number   |
|                                | sampleDate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24/05/2022                                                                                                                                                          | dateTime |
|                                | Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Murray Channel Program – Reach 2                                                                                                                                    |          |
| Data quality                   | <p><b>Lineage:</b><br/>RMCMP data lineage: data collected in the field &gt; Excel spreadsheet &gt; QA/QC check &gt; stored in MS Teams sharepoint\Murray monitoring 21\data directory</p> <p><b>Positional accuracy:</b><br/>Locations accurate to 4 decimals but actual monitoring data collected at these locations can be up to 4km from the nominated point</p> <p>Complete export from the CSIRO MS Teams repository</p> <p><b>Logical consistency:</b><br/>Sample point names are unique within the program</p> <p><b>Completeness:</b><br/>Complete export from the CSIRO MS Teams</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     |          |
| Access and License             | <p><b>Published Data Landing Page:</b><br/>TBD</p> <p><b>Distribution format:</b> csv tabular data</p> <p><b>Access constraints:</b> Creative Commons license CC BY-SA 4.0 Attribution-ShareAlike 4.0 International). <a href="https://creativecommons.org/licenses/by-sa/4.0/">https://creativecommons.org/licenses/by-sa/4.0/</a><br/>Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.<br/>ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. redistribute the material in any medium or format must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.</p> <p><b>Copyright:</b> ©2022 Commonwealth of Australia, RMCMP program</p> |                                                                                                                                                                     |          |
| Contributors                   | RMCMP Project team                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                     |          |

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| Custodian            | Commonwealth Environmental Water Holder (CEWH), Department of Climate Change, Energy, the Environment and Water                                                                                                                                                                                                |
| Contact              | Commonwealth Environmental Water Holder (CEWH)<br><b>Alana.wilkes@ddccew.gov.au</b>                                                                                                                                                                                                                            |
| Maintainer           |                                                                                                                                                                                                                                                                                                                |
| Metadata information | <b>Metadata date:</b> 8 May 2023                                                                                                                                                                                                                                                                               |