

Title	Estuary Water Quality Data Compilation - SOC 2010
Abstract	<p>Estuary water quality data (chlorophyll a, salinity and turbidity) were accessed and collated from a wide range of sources in 2007/2008 to assist with the production of the 'Estuaries and Coastal Lakes' theme of the first round of NSW State of the Catchments (SOC) reports.; ; Data sources included NSW government departments, local councils, water supply authorities, universities and consultants. The original data were collected for a variety of reasons including;; * compliance with environmental standards (ie assess the impact of STPs on receiving waters) ; * SoE reporting; * planning and management; * research; ; The source data have been compiled into one Excel spreadsheet with 78 fixed format Excel worksheets, one for each estuary. Where provided the location of water quality monitoring sites is provided as a spatial dataset.; ; The method of data collection, units of measure, data quality, and period of record varies between data providers. Data were subjected to a quality assurance process before being accepted into the database. Some data are subject to agreement with the individual data providers and have been removed from the dataset.; ; The data were used for developing a new classification system based on the response of chlorophyll a to nutrient loading from the catchment. The classification system was then applied to defining reference condition, trigger values (chlorophyll a and turbidity) for management action and the extent of compliance of water samples with the trigger values.</p>
Resource locator	
Water Estuary WaterQualitySOC2010	<p>Name: Water Estuary WaterQualitySOC2010</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
Unique resource identifier	
Code	31f6acc8-8dde-4e99-b799-26fa20edf2e1
Presentation form	Document digital
Edition	Not known
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/31f6acc8-8dde-4e99-b799-26fa20edf2e1
Purpose	This estuary dataset was developed under a new Monitoring, Evaluation and Reporting (MER) Program initiated by the NSW Government in 2007 to assess and better manage the health of natural resources across the State. The MER Program is in response to the NSW Natural Resources MER Strategy which has the objective of providing appropriate information for decision-making by natural resource managers.
Status	Historical archive
Spatial representation type	textTable
Spatial reference system	
Code identifying the spatial reference system	4283

Equivalent scale 1:None

Additional information source

This dataset also contains sampling locations for data collection as part of the NSW Monitoring, Evaluation and Reporting Program (Estuaries Theme). Those sampling locations are not discrete sampling sites as composite sampling is carried out along transects and within zones. The coordinates in the spatial dataset represent the midpoint of the transects/zones.; ; Sites in the spatial dataset have been located using coordinates provided, where no exact monitoring location is known, sample sites are located in the estuary entrance and 'unknown coordinates' is displayed in the Site Name field.

Topic category

Keyword set	
keyword value	MARINE-Estuaries
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	148
East bounding longitude	154
North bounding latitude	-37.5
South bounding latitude	-28
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	1978-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Irregular
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Lineage	Original data were produced by field sampling, in situ measurements and laboratory analysis. Datasets were supplied as Excel files of varying format by data providers. Data have been compiled into 78 fixed format Excel spreadsheet files, one for each estuary, and subjected to a quality assurance process. Data subject to licensing restrictions has been removed.; ; Where provided by individual data custodians the location of water quality monitoring sites has been compiled into a separate spatial dataset. This dataset was compiled by Cardno Pty Ltd on behalf of OEH.

Limitations on public access	
Scope	dataset
DQ Completeness Commission	
Effective date	2001-01-01
DQ Completeness Omission	
Effective date	2001-01-01
DQ Conceptual Consistency	
Effective date	1900-01-01
DQ Topological Consistency	
Effective date	1900-01-01
Explanation	Checked for missing attributes All attributes were checked
DQ Absolute External Positional Accuracy	
Effective date	1900-01-01
DQ Non Quantitative Attribute Correctness	
Effective date	1900-01-01
Responsible party	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
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Responsible party role	pointOfContact
Metadata date	2024-02-26T12:54:16.056361
Metadata language	