



ANNEXURE TWO

State of the
Environment Report
2015 - 2016



2015-16 State of the Environment Snapshot

A State of the Environment (SoE) Report is an important management tool which aims to provide the community and Local Council with information on the condition of the environment in the local area to assist in decision-making.

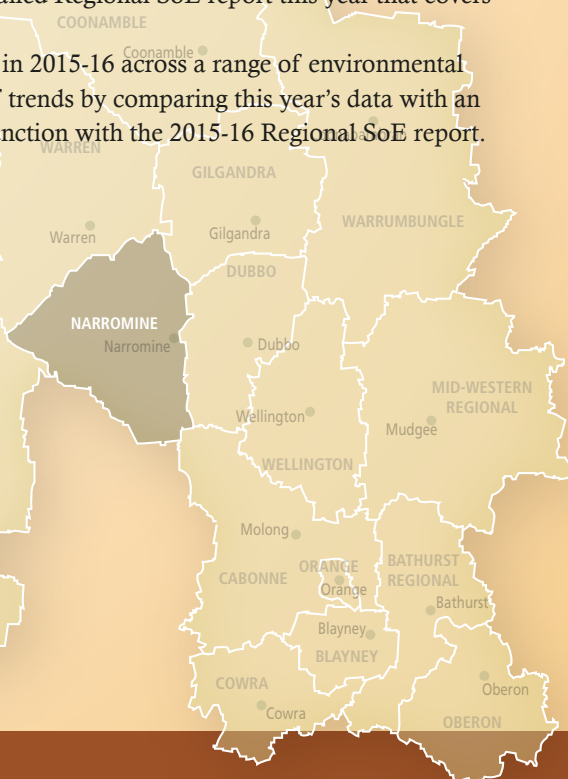
Since 2007, the Councils of the Greater Central West Region of NSW (see map) have joined to produce Regional SoE Reports as part of Council reporting requirements.

Changes to NSW legislation mean that Councils are no longer required to produce SoE Reports each year, but only once every four years, in the year of the Council election (this year for some Councils). However, the participating Councils have decided to continue reporting on an annual basis so that they can provide a detailed Regional SoE report this year that covers trends in the intervening years.

This is a brief snapshot of data for the Narromine Local Government Area in 2015-16 across a range of environmental indicators as shown in the tables below. The tables provide an understanding of trends by comparing this year's data with an average of previous years. The Council snapshot report should be read in conjunction with the 2015-16 Regional SoE report.

2014-15 Highlights

- ↑ Town water use was lower than the average use over the previous three reporting periods.
- ↓ There were fewer native fish restocked into local waterways than in the previous three years.
- ↑ Council's annual electricity consumption for its facilities declined from last year.
- ↑ The uptake of small scale renewable energy was at its highest level in the past four years.
- ↓ Council's total operational greenhouse gas emissions were at their highest level in the past four years.
- ↑ There was a substantial increase in the amount of hazardous chemicals disposed of correctly.



Land

Issue	Indicator	2012-13	2013-14	2014-15	2015-16	Trend
Contamination	Contaminated land sites - Contaminated Land Register (Number)	0	0	0	0	→
	Contaminated land sites - potentially contaminated sites (Number)	49	49	49	49	→
	Contaminated sites rehabilitated (Number)	0	0	0	0	→
Erosion	Erosion affected land rehabilitated (ha)			0	0	→
Land use planning and management	Number of development consents and building approvals	41	113	93	121	↓
	Landuse conflict complaints (Number)	4	4	0	0	↑
	Loss of primary agricultural land through rezoning (ha)	0	0	0	0	→
Minerals & Petroleum	Number of mining and exploration titles	15	26	23	23	↓
	Area covered by mining and exploration titles (ha)	5,296	21,245		89,586	↓

↑ improvement → no or little change ↓ worsening trend

Note - the trend is based on comparing the average of the previous three years of reporting with 2015-16

Biodiversity

Issue	Indicator	2012-13	2013-14	2014-15	2015-16	Trend
Habitat Loss	Total Area in the National Parks Estate (ha)			4,382	4,376	↔
	Total Area of State Forests (ha)			1,051	1,050	↔
	Total Area Protected in Wildlife Refuges (ha)	0	0	0	0	↔
	Total Area protected in conservation reserves & under voluntary conservation agreements (ha)	140	140	140	140	↔
	Habitat areas revegetated (ha)			0	0	↔
	Roadside vegetation management plan	0	0	0	1	↑
	Roadside vegetation rehabilitated (ha)			0	0	↔
Threatened Species	Threatened species actions implemented (e.g. PAS, recovery plans) (Number)	0	0	0	0	↔
	Fish restocking activities: native species (Number)	13,541	26,258	11,362	10,714	↓
Noxious weeds and feral animals	Fish restocking activities: non-native species (Number)	0	0	0	0	↔
	Number of declared noxious weeds	95	106	116	116	↓
	Invasive species (listed noxious or WONS) under active management (Number)	12	12	12	12	↔

Water and Waterways

Issue	Indicator	2012-13	2013-14	2014-15	2015-16	Trend
Riparian	Riparian vegetation recovery actions (Number)	0	0	0	0	↔
	Riparian vegetation recovery area (ha)	0	0	0	0	↔
Industrial/ Agricultural Pollution	Load Based Licencing Volume (kg)			0	0	↔
	Exceedances of license discharge consent recorded			0	0	↔
	Erosion & Sediment Control complaints received by Council (Number)	0	0	0	0	↔
Stormwater Pollution	Number of gross pollutant traps installed	1	1	1	0	↓
	Total catchment area of GPTs (ha)			0	0	↔
	Water pollution complaints (Number)	0	1	0	0	↑
Water extraction	Number of Water Supply Work Approvals from surface water sources		123	126	122	↑
	Volume of surface water permissible for extraction under licences (GL)		220	200	195	↑
	Number of Water Supply Work Approvals from groundwater resources	1,141	1,089	1,015	977	↑
	Volume of groundwater permissible for extraction under licences (GL)	81	81	82	77	↑
	Actual volume extracted through groundwater licences (GL)			49	49	↔
Council water consumption	Area of irrigated Council managed parks, sportsgrounds, public open space (ha)	118	118	118	118	↔
	Water used by council for irrigation (including treated and untreated) (ML)	55	58	49	45	↑
Town water consumption	Annual metered supply (ML)	1,404	1,405	925	1,039	↑
	Average level of water restrictions implemented	0.0	0.0	0.0	0.0	↔
	Water conservation programs (Number)	0	0	0	0	↔
Town Water Quality	Number of instances drinking water guidelines not met	26	21	2	6	↑
	Number of drinking water complaints	17	5	2	6	↑

Towards Sustainability

Issue	Indicator	2012-13	2013-14	2014-15	2015-16	Trend
	Total waste entombed at primary landfill (tonnes)			4,726		
	Total waste entombed at other landfills (exc recyclables) (tonnes)			1,029		
Hazardous/Liquid Waste	DrumMuster collections (number of drums)	4,899	7,936	4,783	0	↓
	Household Hazardous Wastes collected (kg)	322	589	1,804	2,888	↑
Reduce	Garden organics collected (diverted from landfill) (tonnes)	1,227	729	1,027	1,027	↑
	E-Waste collected (diverted from landfill) (tonnes)		0		0	→
Recycle	Volume of material recycled (tonnes)	382	1,047		540	↓
	Volume of material recycled per person (kg)	56	152		79	↓
Littering and illegal dumping	Number of illegal waste disposal complaints to Council	15	5	6	6	↑
Engineering, Infrastructure and Civil Works	New road construction (km)	0	0	2	0	↑
	Road upgrades (km)	23	665	685	75	↑
Risk Management	Flood management plans/ flood mapping - increase in area covered (ha)	0	0	0	0	→
	Hazard reduction burns (Number)		0	0	0	→
Climate Change Mitigation	Office paper used by Council (A4 and A3 reams)	1,080	1,137	1,176	1,225	↓
	Council sustainability initiatives (Number)	0	0	0	0	→
	Council mitigation initiatives (Number)		0	0	0	→
Council Greenhouse Gas Emissions	Annual electricity consumption for Council controlled facilities (MWh)			1,782	1,644	↑
	Annual natural gas consumption for Council controlled facilities (GJ)	0	0	0	0	→
	Annual bottled gas consumption for Council controlled facilities (L)		0	0	0	→
	Total fuel consumption (KL)	289	29	297	309	↓
	Council total operational greenhouse gas emissions (tCO ₂ -e/year)	3,916	2,646	4,953	6,157	↓
Community Greenhouse Gas Emissions	Small scale renewable energy uptake (kW installed)	460	351	308	664	↑
	Number of solar water heaters and heat pumps installed	8	14	6	4	↓

People and Communities

Issue	Indicator	2012-13	2013-14	2014-15	2015-16	Trend
Active community involvement	Environmental volunteers working on public open space (hrs)		0	0	0	→
	Number of environmental community engagement programs	0	0	0	0	→
	Number of growers markets/local food retailers specialising in local food	1	1	1	0	↓
Indigenous Heritage	Number of Indigenous sites on AHIMS register		265	267	272	↑
	Extent of liaison with Indigenous communities (self-assessed from 0 = none to 3 = High)	0.0	0.0	0.0	0.0	→
	Development approvals on listed Indigenous sites (Number)	0	0	0	0	→
	Number of Indigenous heritage management actions/responses	0	0	0	0	→
Non-Indigenous Heritage	NSW Heritage Items (Number)	0	0	0	0	→
	Locally listed heritage items (Number)	11	11	11	11	→
	Actions to protect non-Indigenous heritage (including management plans) (Number)			0	0	→
	Heritage buildings on statutory heritage lists demolished/degraded in past year (Number)	0	0	0	0	→
	Heritage buildings on statutory heritage lists renovated/improved in past year (Number)	0	0	0	1	↑



Narromine wetlands



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