



Narromine

SHIRE

ANNEXURE TWO

State of the
Environment Report
2016-2017



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.

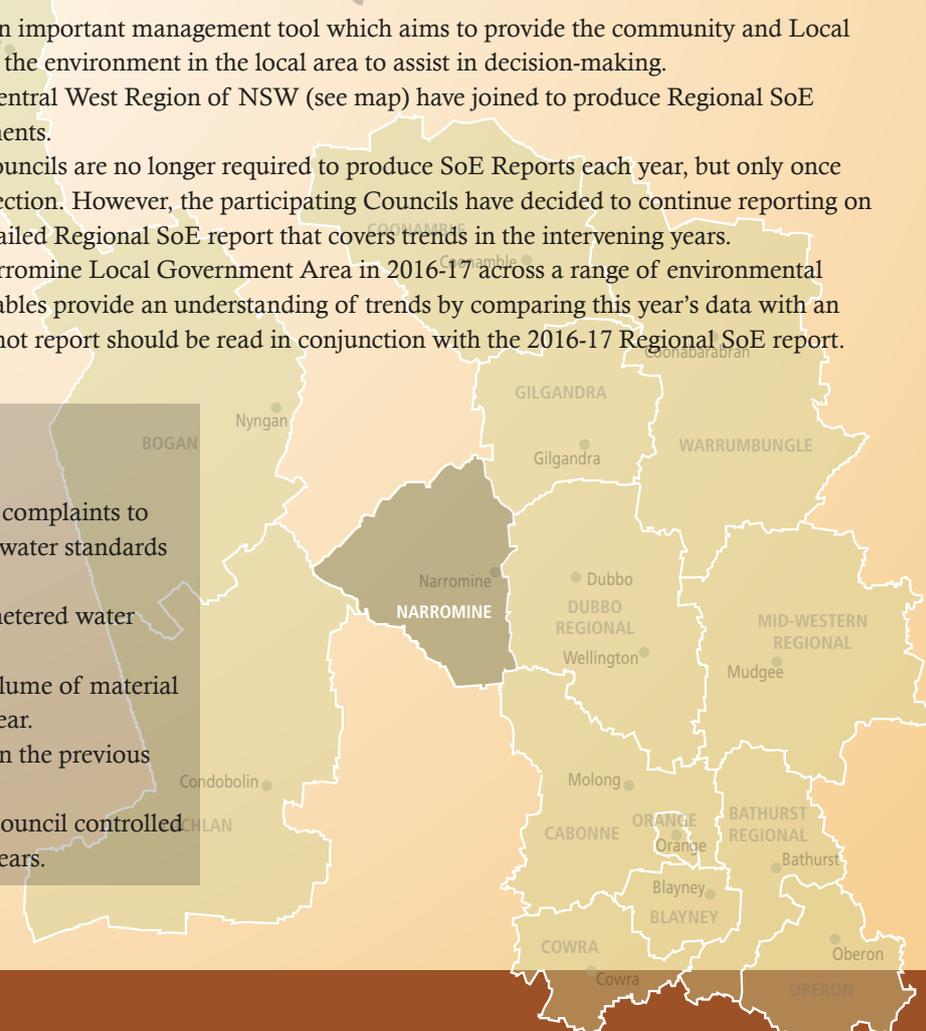
Since 2007, the Councils of the Greater Central West Region of NSW (see map) have joined to produce Regional SoE Reports as part of Council reporting requirements.

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. However, the participating Councils have decided to continue reporting on an annual basis so that they can provide a detailed Regional SoE report that covers trends in the intervening years.

This is a brief snapshot of data for the Narromine Local Government Area in 2016-17 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 2016-17 Regional SoE report.

2016-17 Highlights

- ↑ In 2016-17, there were no drinking water complaints to Council and no instances when drinking water standards were not met.
- ↓ There was an increase in the use of the metered water supply compared with the past two years.
- ↑ There was a significant increase in the volume of material recycled per person compared with last year.
- ↑ Council used less paper in 2016-17 than in the previous three years.
- ↑ The annual electricity consumption for Council controlled facilities was less than the previous two years.



Land

Issue	Indicator	2013-14	2014-15	2015-16	2016-17	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	0	→
Land use planning and management	Number of development consents and building approvals	113	93	121	63	↑
	Landuse conflict complaints (Number)	4	0	0	2	↓
	Loss of primary agricultural land through rezoning (ha)	0	0	0	0	→
Minerals & Petroleum	Number of mining and exploration titles	26	23	23	23	↑
	Area covered by mining and exploration titles (Ha)	21,245		89,586	75,835	↓

↑ improvement → no or little change ↓ worsening trend

Note - the trend is based on comparing the average of the previous three years of reporting with 2016-17

Biodiversity

Issue	Indicator	2013-14	2014-15	2015-16	2016-17	Trend
Habitat Loss	Total Area in the National Parks Estate (ha)		4,382	4,376	4,401	→
	Total Area of State Forests (ha)		1,051	1,050	1,056	→
	Total Area Protected in Wildlife Refuges (ha)	0	0	0	0	→
	Area protected in conservation reserves & under voluntary conservation agreements (ha)	140	140	140	140	→
	Extent of Traveling Stock Reserves in LGA (ha)			5,566	6,815	↑
	Habitat areas revegetated (ha)		0	0	0	→
	Roadside vegetation management plan	No	No	Yes	Yes	↑
Threatened Species	Roadside vegetation rehabilitated (ha)		0	0	0	→
	Threatened species actions implemented (e.g. PAS, recovery plans) (Number)	0	0	0	0	→
Noxious weeds and feral animals	Fish restocking activities: native species (Number)	26,258	11,362	10,714	11,736	↓
	Fish restocking activities: non-native species (Number)	0	0	0	0	→
	Number of declared noxious weeds	106	116	116	91	↑
	Invasive species (listed noxious or WONS) under active management (Number)	12	12	12	12	→

Water and Waterways

Issue	Indicator	2013-14	2014-15	2015-16	2016-17	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	0	→
	Exceedances of license discharge consent recorded (Number)		0	0	0	→
	Erosion & Sediment Control complaints received by Council (Number)	0	0	0	0	→
Stormwater Pollution	Number of gross pollutant traps installed	1	1	0	1	↑
	Total catchment area of GPTs (ha)		0	0	0	→
	Water pollution complaints (Number)	1	0	0	0	↑
Town Water Quality	Number of instances drinking water guidelines not met	21	2	6	0	↑
	Number of drinking water complaints	5	2	6	0	↑
Water extraction	Number of Water Supply Work Approvals from surface water sources	123	126	122	129	↓
	Volume of surface water permissible for extraction under licences (GL)	220	200	195	196	↑
	Number of Water Supply Work Approvals from groundwater resources	1,089	1,015	977	984	→
	Volume of groundwater permissible for extraction under licences (GL)	81	82	77	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)	58	49	45	53	↓
Town water consumption	Annual metered supply (ML)	1,405	925	1,039	1,141	↓
	Average level of water restrictions implemented	0.0	0.0	0.0	0.0	→
	Water conservation programs (Number)	0	0	0	0	→

Towards Sustainability

Issue	Indicator	2013-14	2014-15	2015-16	2016-17	Trend
Waste Generation	Total waste entombed at primary landfill (tonnes)	4,726				
	Total waste entombed at other landfills (exc recyclables) (tonnes)	1,029				
	Average total waste generated per person (tonnes)	0.84				
Hazardous/Liquid Waste	DrumMuster collections (number of drums)	7,936	4,783	0	19,749	↑
	Household Hazardous Wastes collected	589	1,804	2,888	3,351	↑
Reduce	Organics collected (diverted from landfill) (tonnes)	729	1,027	1,027	2,121	↑
	E-Waste collected (diverted from landfill) (tonnes)	0		0		
Recycle	Volume of material recycled (tonnes)			540	591	↑
	Volume of material recycled per person (kg)			79	90	↑
Littering and illegal dumping	Number of illegal waste disposal complaints to Council	5	6	6	3	↑
Engineering, Infrastructure and Civil Works	New road construction (km)	0	2	0	6	↓
	Road upgrades (km)	665	685	75	644	↓
Risk Management	Flood management plans/ flood mapping - increase in area covered (ha)	0	0	0	0	→
	Hazard reduction burns (Number)	0	0	0	0	→
Climate Change Mitigation	Office paper used by Council (A4 & A3 reams)	1,137	1,176	1,225	836	↑
	Council sustainability initiatives (Number)	0	0	0	0	→
	Council mitigation initiatives (Number)	0	0	0	0	→
Council Greenhouse Gas Emissions	Annual electricity consumption for Council controlled facilities (MWh)		1,782	1,644	1,596	↑
	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	0	→
	Total fuel consumption (KL)	29	297	309	297	↓
	Proportion of Council's electrical energy demand met from council-owned renewable energy infrastructure	0.0%	0.0%	0.0%	0.0%	→
	Council total operational greenhouse gas emissions (tCO ₂ -e/year)	2,646	4,953	6,157	6,076	↓
Community Greenhouse Gas Emissions	Small scale renewable energy uptake (kW installed) – data collected 30 July 2017	351	308	664	742	↑
	Number of solar water heaters and heat pumps installed	14	6	4	5	↓

People and Communities

Issue	Indicator	2013-14	2014-15	2015-16	2016-17	Trend
Active community involvement	Environmental volunteers working on public open space (hrs)	0	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	0	1	↑
Indigenous Heritage	Number of Indigenous sites on AHIMS register	265	267	272	279	↑
	Inclusion in DCPs & rural strategies		Yes		Yes	→
	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	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	1	0	↓



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