

# **Narrandera Infrastructure Prospectus**

**14 September 2021**

# PROJECTS SUMMARY

				IDENTIFY <i>Identify &amp; Define</i>		PLAN <i>Option Study</i>			DEVELOP <i>Planning &amp; Approvals</i>		DELIVER <i>Construction Procurement</i>			
				<i>Project Brief</i>		<i>Site Assessment</i>			<i>Design &amp; Specification</i>		<i>Construction Delivery</i>		<i>Funding Required</i>	
#	Project	Council	Cost											
1	Narrandera Airport Taxiway Const...	NSC	\$2m								3mo.	\$2m 5mo.		\$2m
2	Changing Places Facilities Const...	NSC	\$300k								3mo.	\$300k 3mo.		\$300k
3	Lake Talbot Deepening	NSC	\$2m						\$400k 6mo.		3mo.	\$2m 18mo.		
4	Canal Bridge Upgrade - Irrigatio...	NSC	\$8m							\$60k 3mo.	3mo.	\$8m 12mo.		\$8m
5	Public Art Installations	NSC	\$606k			3mo.		3mo.	2mo.	\$6k 2mo.	3mo.	\$600k 6mo.		\$600k
6	Lake Talbot Water Park	NSC	\$800k							1mo.	2mo.	\$800k 12mo.		\$800k
7	Narrandera Business Centre Upgrade	NSC	\$8m							\$100k 3mo.	\$100k 3mo.	\$8m 12mo.		\$8m
8	West Narrandera Sewer Scheme	NSC	\$3m					\$20k 3mo.	\$100k 3mo.	\$200k	\$30k 3mo.	\$2m 6mo.		\$3m
9	Narrandera School Bus Routes Upg...	NSC	\$3m							\$40k 2mo.	\$150k 4mo.	\$3m 9mo.		\$3m
10	Narrandera Water Treatment Plant...	NSC	\$18m		\$50k	\$50k 6mo.	\$50k 2mo.	\$100k 3mo.	\$15k 2mo.	\$350k 5mo.	\$80k 3mo.	\$18m		\$19m
Totals				\$0	\$50k	\$50k	\$50k	\$120k	\$515k	\$756k	\$360k	\$44m		\$43m

KEY

Completed

Under Preparation

Funding Required

Declined Funding



# Narrandera Airport Taxiway Construction

Project #UHJvamVjdDo0NTk= · Economic Development

PROJECT AT A GLANCE

Construction of a 1.3km sealed parallel taxiway and Run up bay, associated line marking, LED compatible lighting and airport signage.

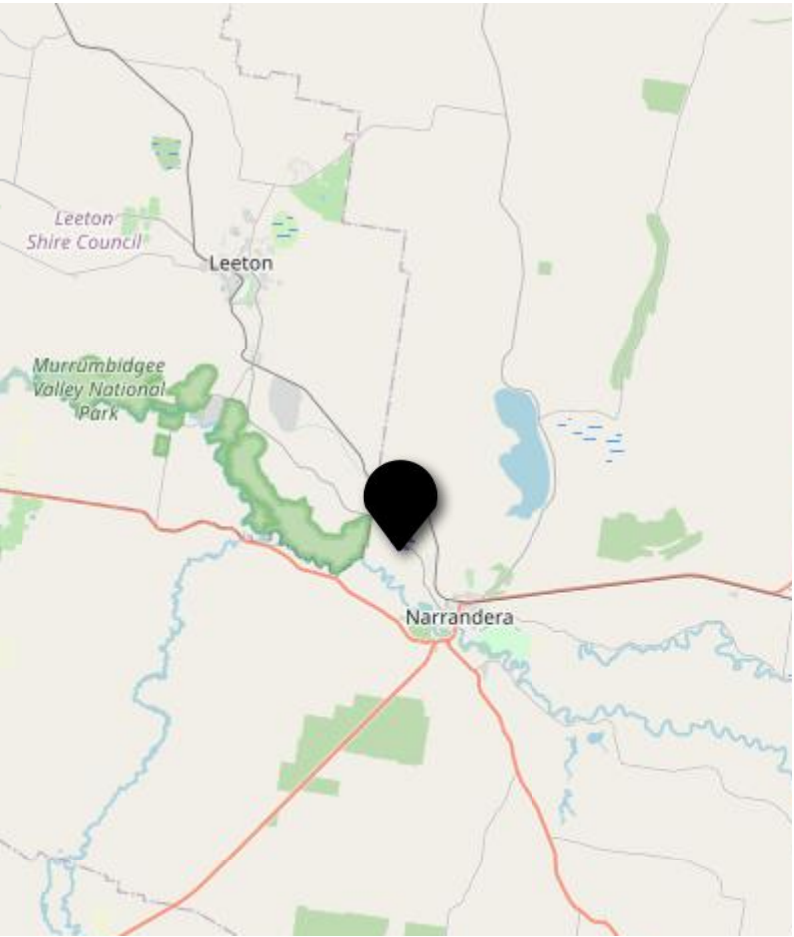
PROJECT BRIEF

Creating the ability to commence operations of a commercial flight training school, which will attract a large number of visitors to the area and create 15 direct jobs.

## Project Information

OVERVIEW

Economic Development <i>Project Type</i>	Pipe <i>Visibility</i>	8 mo. <i>Est. Project Duration</i>	\$2m <i>Est. Project Cost</i>
Narrandera <i>Project Location</i>	Cootamundra <i>State Electorate</i>	\$2m <i>Funding Required</i>	
Narrandera Shire Council <i>Local Government Area</i>	Farrer <i>Federal Electorate</i>	Riverina <i>Regional Development Area</i>	
Riverina and Murray Joint Organisation <i>Joint Organisations</i>			



Purpose

To create a facility that allows for multiple aircraft to be active at the airport, thus allowing for viable operations as a commercial flight training facility.

Rationale for Investment

Australian Airline Pilots Academy conduct satellite training at the Narrandera-Leeton Airport. The construction of a parallel taxiway will facilitate that training and help establish the facility for future expansion to a permanent training academy

Benefits

- Safer aeronautical activities
- Creation of additional employment

Regional Strategies

- Riverina Murray Regional Plan 2036
- Regional Economic Development Strategies – Western Riverina

Premiers Priorities

- Creating jobs
- Delivering infrastructure
- A strong economy

Strategies

- [NSC Community Strategic Plan](#)

Job Creation

Jobs Created for this project = 10

Project Funding - Grants

None.

Project Totals

\$0 - 0 mo.	8 mo.	8 mo.	\$2m	\$2m
<i>Shovel Ready</i>	<i>Total Time to Complete</i>	<i>Est. Project Duration</i>	<i>Total Est. Cost</i>	<i>Funding Required</i>

Project Delivery Framework

IDENTIFY <i>Identify &amp; Define</i>		PLAN <i>Option Study</i>			DEVELOP <i>Planning &amp; Approvals</i>		DELIVER <i>Construction Procurement</i>		Funding <i>Required</i>	
<i>Project Brief</i>		<i>Site Assessment</i>			<i>Design &amp; Specification</i>		<i>Construction Delivery</i>			
							3mo.	\$2m 5mo.	\$2m	



# Changing Places Facilities Construction

Project #UHJvamVjdDo0NjA= • Other

### PROJECT AT A GLANCE

Construction of Change Places facilities (adult change facility) at Narrandera and Barellan.

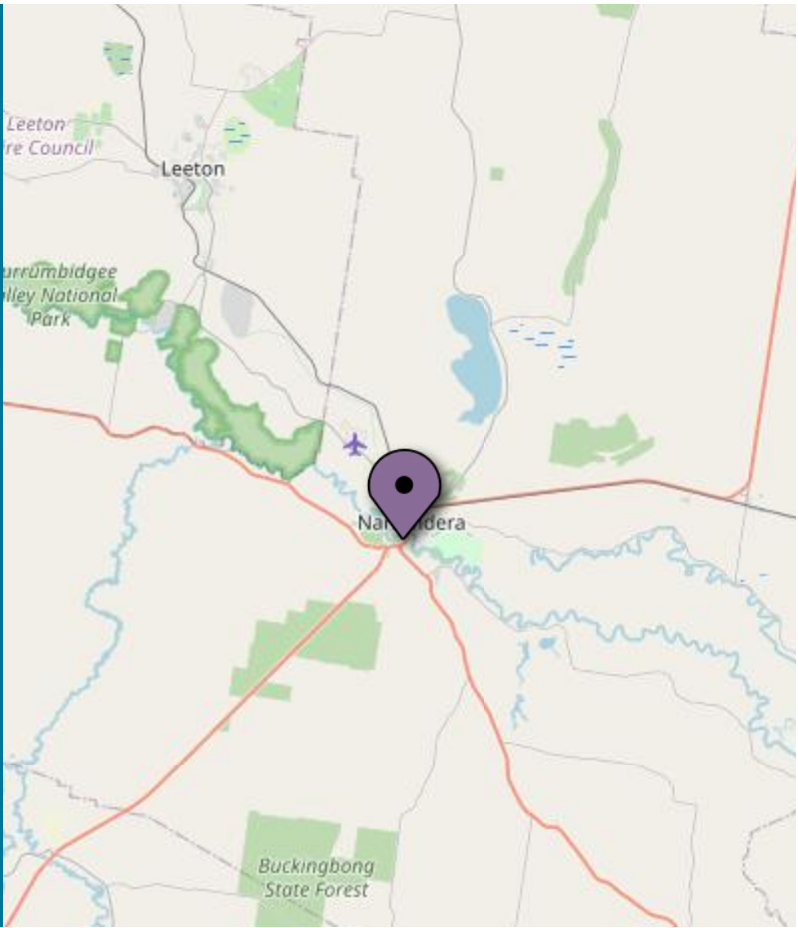
### PROJECT BRIEF

Establishing essential services for the traveling public (residents and visitors) to provide a rest and change facility on the Newell Highway at Narrandera and the Burley Griffin Way at Barellan. The Narrandera facility would also service Sturt Highway travellers.

## Project Information

### OVERVIEW

Other	Pipe	6 mo.	\$300k
Project Type	Visibility	Est. Project Duration	Est. Project Cost
Narrandera - Barellan		Cootamundra	\$300k
Project Location		State Electorate	Funding Required
Narrandera Shire Council		Farrer	Riverina
Local Government Area		Federal Electorate	Regional Development Area
Riverina and Murray Joint Organisation			
Joint Organisations			



Purpose

To provide additional amenities to allow for total inclusions within our recreational areas, for both residents and travelers.

Rationale for Investment

The current rest areas on the Newell and Sturt Highways and on the Burley Griffin Way are spaced well apart and do not provide facilities for travellers with disabilities. Narrandera and Barellan are ideally located to offer these facilities

Benefits

- Provide total inclusion for all recreational facility users.
- Allow travels a facility for all abilities.

Regional Strategies

- Riverina Murray Regional Plan 2036
- Regional Economic Development Strategies – Western Riverina

Premiers Priorities

- Putting customer at the centre of everything we do
- Delivering infrastructure
- Breaking the cycle of disadvantage

Strategies

- [NSC Community Strategic Plan](#)

Job Creation

Jobs Created for this project =4  
Ongoing jobs created = 0.25

Project Funding - Grants

None.

Project Totals

\$0 - 0 mo.  
*Shovel Ready*

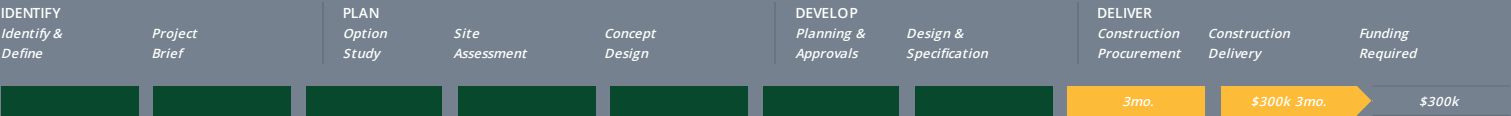
6 mo.  
*Total Time to Complete*

6 mo.  
*Est. Project Duration*

\$300k  
*Total Est. Cost*

\$300k  
*Funding Required*

Project Delivery Framework







# Lake Talbot Deepening

Project #UHJvamVjdDo0NjQ= Recreation

### PROJECT AT A GLANCE

Complete the EIS and undertake construction to remove up to 2.0m to deepen the Lake

### Project Information

#### OVERVIEW

Recreation <i>Project Type</i>	Pipe <i>Visibility</i>	18 mo. <i>Est. Project Duration</i>	\$2m <i>Est. Project Cost</i>
Narrandera <i>Project Location</i>	Cootamundra <i>State Electorate</i>	TBD <i>Funding Required</i>	
Narrandera Shire Council <i>Local Government Area</i>	Farrer <i>Federal Electorate</i>	Riverina <i>Regional Development Area</i>	
Riverina and Murray Joint Organisation <i>Joint Organisations</i>			

### PROJECT BRIEF

Engage suitably qualified people to conduct the final studies, undertake consultation, call tenders and supervise the project to deepen the Lake for recreational and competition boating.



<div>Purpose</div> <div>Completion of the studies necessary to allow construction work to begin on the deepening of Lake Talbot</div>	<div>Rationale for Investment</div> <div> <p>Lake Talbot is a significant recreational facility for the Riverina providing a venue for local, regional and state boating activities. During the past several droughts it has been one of only a few venues in the region able to remain open.</p> <p>Studies have indicated that deepening of the lake would further enhance the facility.</p> </div>	<div>Benefits</div> <div> <ul style="list-style-type: none"> <li>Facilitate sports based tourism</li> <li>Lead to quality recreational outcomes</li> </ul> </div>
<div>Regional Strategies</div> <div> <ul style="list-style-type: none"> <li>Regional Economic Development Strategies – Western Riverina</li> <li>Riverina Murray Regional Plan 2036</li> </ul> </div>	<div>Premiers Priorities</div> <div> <ul style="list-style-type: none"> <li>Delivering infrastructure</li> </ul> </div>	<div>Strategies</div> <div> <ul style="list-style-type: none"> <li>NSC Community Strategic Plan</li> </ul> </div>
<div>Job Creation</div> <div>Jobs Created for this Project = 12</div>		

Project Funding - Grants

STRONGER COUNTRY COMMUNITIES FUND	STRONGER COUNCILS FUND	BUILDING BETTER REGIONS FUND
No	No	No

Project Totals

\$0 - 0 mo.	27 mo.	18 mo.	\$2m	TBD
<i>Shovel Ready</i>	<i>Total Time to Complete</i>	<i>Est. Project Duration</i>	<i>Total Est. Cost</i>	<i>Funding Required</i>

Project Delivery Framework

IDENTIFY <i>Identify &amp; Define</i>		PLAN <i>Option Study</i>			DEVELOP <i>Planning &amp; Approvals</i>		DELIVER <i>Construction Procurement</i>		
	<i>Project Brief</i>		<i>Site Assessment</i>	<i>Concept Design</i>		<i>Design &amp; Specification</i>		<i>Construction Delivery</i>	<i>Funding Required</i>
					\$400k 6mo.		3mo.	\$2m 18mo.	





# Canal Bridge Upgrade - Irrigation Way

Project #UHJvamVjdDo0NjY= · Bridge

PROJECT AT A GLANCE

Replacement and realignment of the Canal bridge on Irrigation Way Narrandera. Leads to increased road safety and freight efficiency.

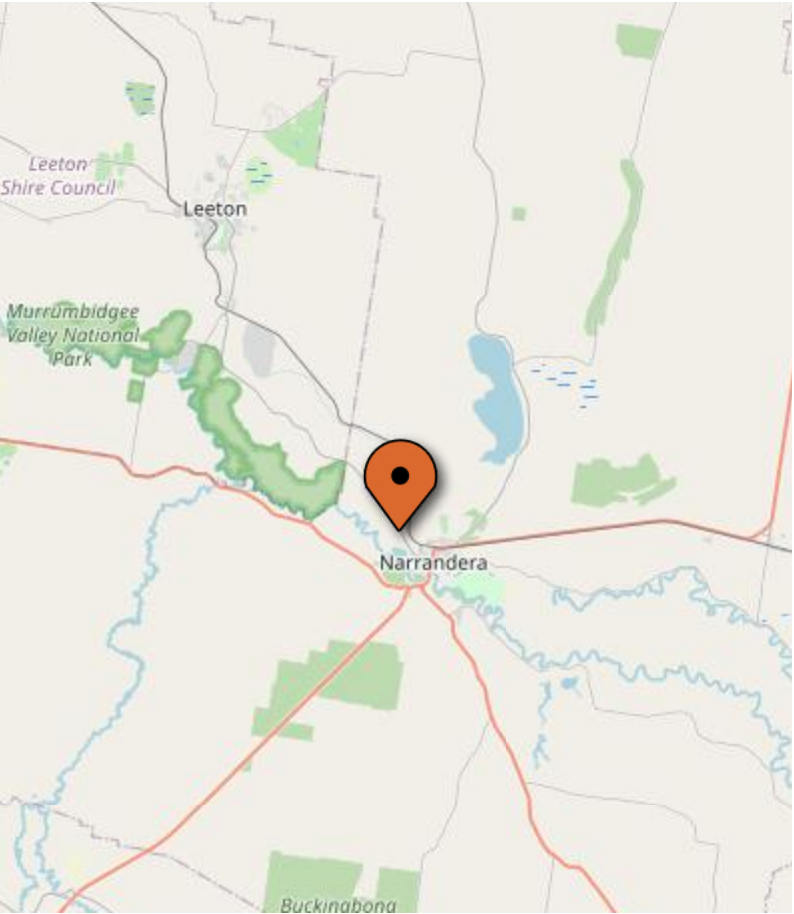
PROJECT BRIEF

Replacement of the narrow (6.00m ) concrete bridge over the Main Canal just west of Narrandera and the removal of two reverse curves in the approaches.  
The bridge has been identified as a dangerous hazard and its replacement is included in the planning horizon of the Irrigation Way Corridor Strategy

## Project Information

OVERVIEW

Bridge	Pipe	15 mo.	\$8m
Project Type	Visibility	Est. Project Duration	Est. Project Cost
Narrandera	Cootamundra	\$8m	
Project Location	State Electorate	Funding Required	
Narrandera Shire Council	Farrer	Riverina	
Local Government Area	Federal Electorate	Regional Development Area	
Riverina and Murray Joint Organisation			
Joint Organisations			



<div>Purpose</div> <div>To fund the replacement of the bridge and approaches</div>	<div>Rationale for Investment</div> <div>As traffic volumes on the Irrigation Way increase this very narrow bridge poses an increasing risk to travelers which include a mix of local and regional traffic including school buses and heavy vehicles</div>	<div>Benefits</div> <ul style="list-style-type: none"> <li>Improved road safety on a State Highway</li> <li>Upgrade of a main connecting route for freights to the east and the Inland Rail</li> </ul>
<div>Regional Strategies</div> <ul style="list-style-type: none"> <li>2056 Transport Strategy</li> <li>A 20 Year Economic Vision for Regional NSW</li> <li>Regional Economic Development Strategies – Western Riverina</li> <li>Riverina Murray Regional Plan 2036</li> </ul>	<div>Premiers Priorities</div> <ul style="list-style-type: none"> <li>Creating jobs</li> <li>Well connected communities with quality local environments</li> <li>Delivering infrastructure</li> </ul>	<div>Strategies</div> <ul style="list-style-type: none"> <li>NSC Community Strategic Plan</li> </ul>
<div>Job Creation</div> <div>Jobs Created for this Project = 40</div>		

Project Funding - Grants

BUILDING BETTER REGIONS FUND	BRIDGES RENEWAL PROGRAM
No	No

Project Totals

\$0 - 0 mo.	18 mo.	15 mo.	\$8m	\$8m
Shovel Ready	Total Time to Complete	Est. Project Duration	Total Est. Cost	Funding Required

Project Delivery Framework

IDENTIFY Identify & Define	Project Brief	PLAN Option Study	Site Assessment	Concept Design	DEVELOP Planning & Approvals	Design & Specification	DELIVER Construction Procurement	Construction Delivery	Funding Required
						\$60k 3mo.	3mo.	\$8m 12mo.	\$8m



# Public Art Installations

Project #UHJvamVjdDo1ODA= · Cultural

## PROJECT AT A GLANCE

Public Art and Cultural installations within the local government area

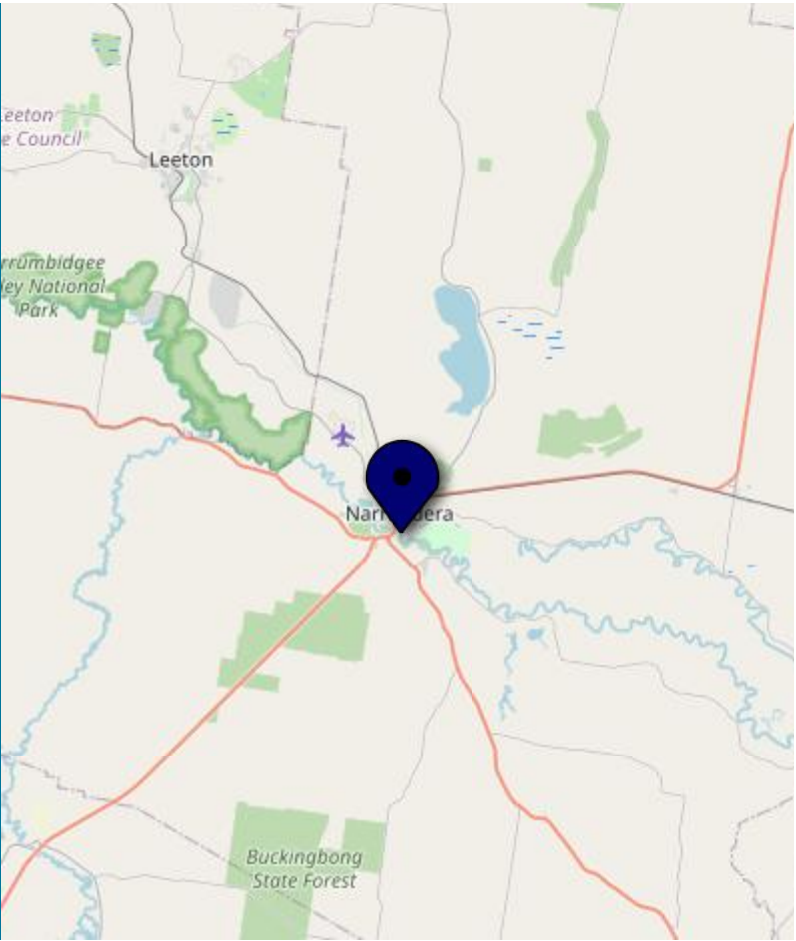
## PROJECT BRIEF

To construct and install public art pieces throughout the shire including - a third scene on Narrandera Water Tower, sculptures within the CBD including Koalas and two Aboriginal warriors

## Project Information

### OVERVIEW

Cultural <i>Project Type</i>	Pipe <i>Visibility</i>	6 mo. <i>Est. Project Duration</i>	\$606k <i>Est. Project Cost</i>
Narrandera <i>Project Location</i>	Cootamundra <i>State Electorate</i>	\$600k <i>Funding Required</i>	
Narrandera Shire Council <i>Local Government Area</i>	Farrer <i>Federal Electorate</i>	Riverina <i>Regional Development Area</i>	
Riverina and Murray Joint Organisation <i>Joint Organisations</i>			



<b>Purpose</b>  To fund public art and cultural installations	<b>Rationale for Investment</b>  Capitalise on two natural advantages of the shire - Koalas and Indigenous heritage Building on local attractions	<b>Benefits</b>  <ul style="list-style-type: none"> <li>Sense of pride and place</li> <li>Increased tourism</li> <li>Economic benefits</li> </ul>
<b>Regional Strategies</b>  <ul style="list-style-type: none"> <li>Regional Economic Development Strategies – Western Riverina</li> <li>A 20 Year Economic Vision for Regional NSW</li> <li>RDA Murray Regional Plan 2016 - 2019</li> </ul>	<b>Premiers Priorities</b>  <ul style="list-style-type: none"> <li>Creating jobs</li> <li>Breaking the cycle of disadvantage</li> <li>A strong economy</li> <li>Delivering infrastructure</li> </ul>	<b>Strategies</b>  None
<b>Custom Heading</b>		

Project Funding - Grants

<b>STRONGER COUNTRY COMMUNITIES FUND</b>	<b>STRONGER COUNCILS FUND</b>	<b>GROWING LOCAL ECONOMIES</b>	<b>CULTURAL CREATIVE COMMUNITIES</b>	<b>BUILDING BETTER REGIONS FUND</b>
No	No	No	No	No
<b>CONNECTING COUNTRY COMMUNITIES</b>				
No				

Project Totals

\$0 - 0 mo. <i>Shovel Ready</i>	19 mo. <i>Total Time to Complete</i>	6 mo. <i>Est. Project Duration</i>	\$606k <i>Total Est. Cost</i>	\$600k <i>Funding Required</i>
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Project Delivery Framework

<b>IDENTIFY</b> <i>Identify &amp; Define</i>	<i>Project Brief</i>	<b>PLAN</b> <i>Option Study</i>	<i>Site Assessment</i>	<i>Concept Design</i>	<b>DEVELOP</b> <i>Planning &amp; Approvals</i>	<i>Design &amp; Specification</i>	<b>DELIVER</b> <i>Construction Procurement</i>	<i>Construction Delivery</i>	<i>Funding Required</i>
		3mo.		3mo.	2mo.	\$6k 2mo.	3mo.	\$600k 6mo.	\$600k





# Lake Talbot Water Park



## PROJECT AT A GLANCE

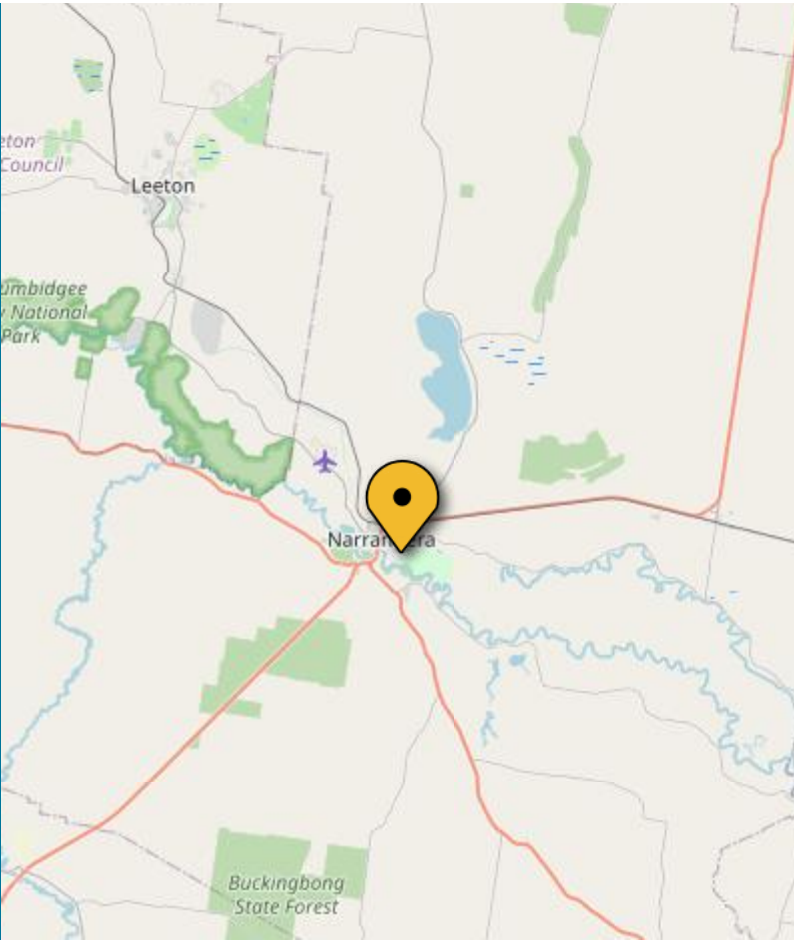
New fencing, entrance and amenities to the Lake Talbot Water Park

## PROJECT BRIEF

Extend the existing caretakers cottage to incorporate a new reception, outdoor eating area and amenities.

## Project Information

OVERVIEW			
Recreation	Pipe	6 mo.	\$800k
Project Type	Visibility	Est. Project Duration	Est. Project Cost
Narrandera	Cootamundra	\$800k	
Project Location	State Electorate	Funding Required	
Narrandera Shire Council	Farrer	Riverina	
Local Government Area	Federal Electorate	Regional Development Area	
Riverina and Murray Joint Organisation			
Joint Organisations			



<div>Purpose</div> <div>Installation of new security fencing, state of the art entrance at the aquatic facility and construct new amenities and outdoor eating area.</div>	<div>Rationale for Investment</div> <div>Council has utilised its own funds and State Government grants to provide a state of the art aquatic park. This investment will complete the facility and capitalise on the increased tourism generated.</div>	<div>Benefits</div> <div> <ul style="list-style-type: none"> <li>Improved safety</li> <li>increased tourism</li> <li>economic benefits</li> </ul> </div>
<div>Regional Strategies</div> <div>None</div>	<div>Premiers Priorities</div> <div>None</div>	<div>Strategies</div> <div>None</div>
<div>Custom Heading</div> <div></div>		

Project Funding - Grants		
STRONGER COUNTRY COMMUNITIES FUND	STRONGER COUNCILS FUND	BUILDING BETTER REGIONS FUND
No	No	No

Project Totals				
\$0 - 0 mo.	15 mo.	6 mo.	\$800k	\$800k
<i>Shovel Ready</i>	<i>Total Time to Complete</i>	<i>Est. Project Duration</i>	<i>Total Est. Cost</i>	<i>Funding Required</i>

Project Delivery Framework									
IDENTIFY <i>Identify &amp; Define</i>	PLAN <i>Option Study</i>	DEVELOP <i>Planning &amp; Approvals</i>	DELIVER <i>Construction Procurement</i>						
<i>Project Brief</i>	<i>Site Assessment</i>	<i>Concept Design</i>	<i>Design &amp; Specification</i>	<i>Construction Delivery</i>	<i>Funding Required</i>				





# Narrandera Business Centre Upgrade

Project #UHJvamiVjdD62NDc= - Economic Development

## PROJECT AT A GLANCE

Renewal of the Narrandera Business Centre, consisting of beatification, improved pedestrian safety and accessibility in accordance with the masterplan.

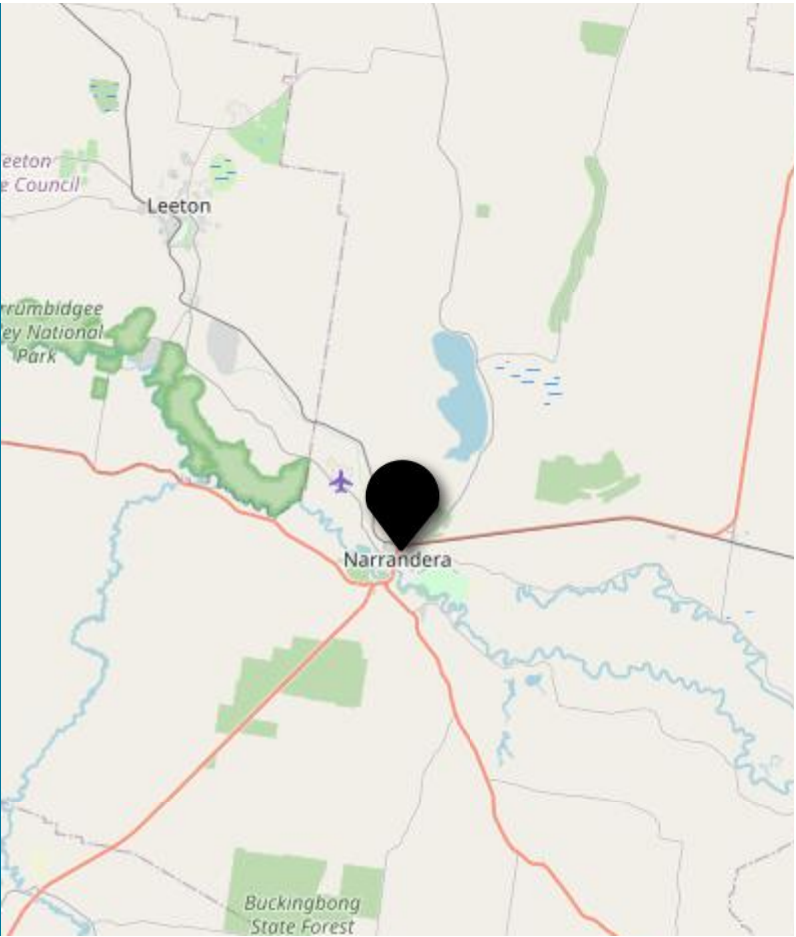
## PROJECT BRIEF

The implementation of the Narrandera Business Centre Master Plan has been designed to improve the amenity and accessibility to the town centre. The project will include: streetscape, precinct entrances, pedestrian linkages, road safety, footpaths, parking, street trees, landscaping and lighting.

## Project Information

### OVERVIEW

Economic Development <i>Project Type</i>	Pipe <i>Visibility</i>	18 mo. <i>Est. Project Duration</i>	\$8m <i>Est. Project Cost</i>
Narrandera <i>Project Location</i>	Cootamundra <i>State Electorate</i>	\$8m <i>Funding Required</i>	
Narrandera Shire Council <i>Local Government Area</i>	Farrer <i>Federal Electorate</i>	Riverina <i>Regional Development Area</i>	
Riverina and Murray Joint Organisation <i>Joint Organisations</i>			



<b>Purpose</b> <ul style="list-style-type: none"> <li>• Gateway treatments to highlight entrances to the Narrandera Business Centre.</li> <li>• Providing design for spaces and footpaths in the town where people can gather and socialise – ensuring that people with mobility restrictions can adequately access all facilities.</li> <li>• Developing safe pedestrian and cycling facilities.</li> <li>• Traffic movements, vehicle speed and parking.</li> <li>• Improvements to pavements and access as required.</li> <li>• Landscape and street tree planting, street furniture and public art installation.</li> <li>• Existing assets such as festoon lighting, brick paving, bollards, garden beds and mature trees.</li> <li>• Environmental sustainability including Water Sensitive Urban Design.</li> <li>• To ensure any changes are able to be maintained and managed by the Narrandera Shire Council</li> </ul>	<b>Rationale for Investment</b> <p>To upgrade the central business area of Narrandera to improve the shopping experience for locals and visitors and stimulate the local economy</p>	<b>Benefits</b> <ul style="list-style-type: none"> <li>• Improved safety and accessibility for all users</li> <li>• Increased attraction of cultural events.</li> <li>• Improved economic experience</li> </ul>
<b>Regional Strategies</b> <ul style="list-style-type: none"> <li>• Regional Economic Development Strategies – Western Riverina</li> <li>• RDA Murray Regional Plan 2016 - 2019</li> </ul>	<b>Premiers Priorities</b> <ul style="list-style-type: none"> <li>• Creating jobs</li> <li>• Delivering infrastructure</li> <li>• A strong economy</li> </ul>	<b>Strategies</b> <ul style="list-style-type: none"> <li>• <a href="#">NSC Community Strategic Plan</a></li> </ul>

Custom Heading

Project Funding - Grants

<b>STRONGER COUNTRY COMMUNITIES FUND</b>	<b>STRONGER COUNCILS FUND</b>	<b>GROWING LOCAL ECONOMIES</b>	<b>BUILDING BETTER REGIONS FUND</b>	<b>CONNECTING COUNTRY COMMUNITIES</b>
No	No	No	No	No
<b>RESOURCES FOR REGIONS</b>	<b>HOUSING ACCELERATION FUND</b>	<b>LOCAL ROADS AND COMMUNITY INFRASTRUCTURE PROGRAM</b>		
No	No	No		

Project Totals

\$0 - 0 mo.	19 mo.	18 mo.	\$8m	\$8m
<i>Shovel Ready</i>	<i>Total Time to Complete</i>	<i>Est. Project Duration</i>	<i>Total Est. Cost</i>	<i>Funding Required</i>

Project Delivery Framework

IDENTIFY <i>Identify &amp; Define</i>		PLAN <i>Option Study</i>			DEVELOP <i>Planning &amp; Approvals</i>			DELIVER <i>Construction Procurement</i>		
<i>Project Brief</i>		<i>Site Assessment</i>		<i>Concept Design</i>		<i>Design &amp; Specification</i>		<i>Construction Delivery</i>		<i>Funding Required</i>
						\$100k 3mo.		\$100k 3mo.	\$8m 12mo.	\$8m

# West Narrandera Sewer Scheme

Project #UHJvamVjdDo2OTc= · Wastewater

## PROJECT AT A GLANCE

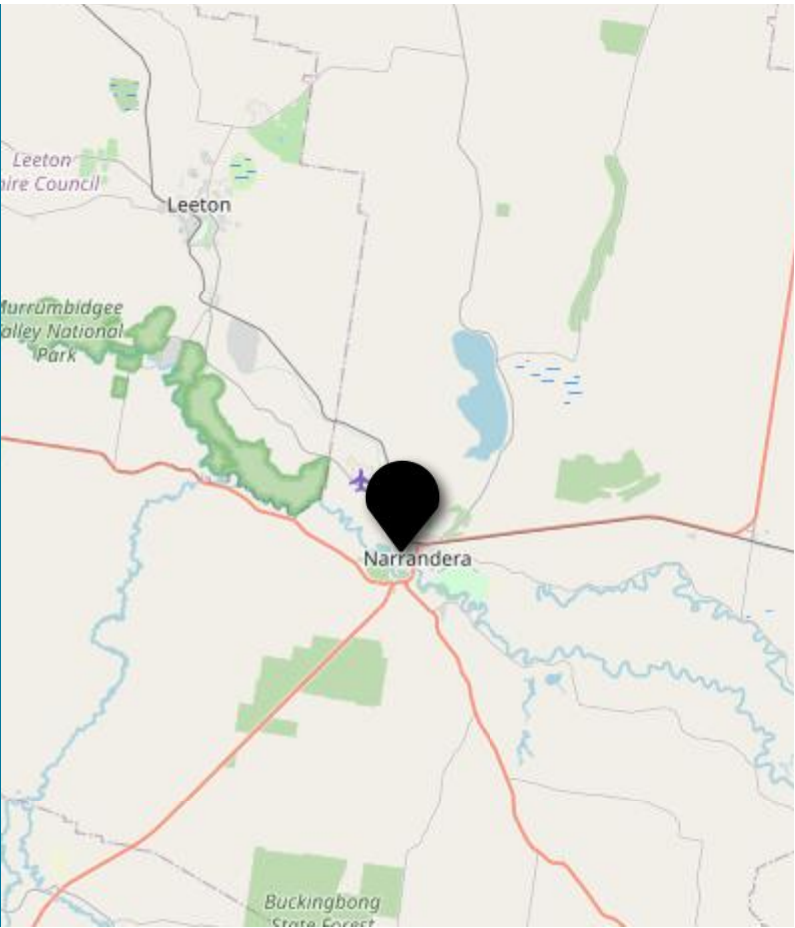
Installation of a reticulated sewer scheme for West Narrandera.

## PROJECT BRIEF

The project will provide a reticulated sewer system to the 105 properties currently serviced via onsite sewerage management system. These systems are of varying ages and condition and pose potential environmental and public health risks, especially given that many of the properties are within flood liable land.

## Project Information

OVERVIEW			
Wastewater	Pipe	15 mo.	\$3m
Project Type	Visibility	Est. Project Duration	Est. Project Cost
Narrandera	Cootamundra	\$3m	
Project Location	State Electorate	Funding Required	
Narrandera Shire Council	Farrer	Riverina	
Local Government Area	Federal Electorate	Regional Development Area	
Riverina and Murray Joint Organisation			
Joint Organisations			



<div>Purpose</div> <div>The purpose of the sewer expansion is to reduce the potential the environmental &amp; public health of residents and land within the area. In addition, this would allow for the potential growth of the area from 105 allotments to over 300, as the lot sizes would be able to be reduced.</div>	<div>Rationale for Investment</div> <div>The investment of \$2,525,199, will equate to a per lot cost of \$8,280 once the full yield of the area is realised and remove the current environmental &amp; public health of residents.</div>	<div>Benefits</div> <ul style="list-style-type: none"> <li>Reduced environmental &amp; public health risks to residents.</li> <li>Additional urban growth area</li> </ul>
<div>Regional Strategies</div> <ul style="list-style-type: none"> <li>Integrated Watercycle Management Plan (IWCMI)</li> <li>Strategic Business Plan of the LGA</li> </ul>	<div>Premiers Priorities</div> <ul style="list-style-type: none"> <li>Keeping our environment clean</li> <li>Delivering infrastructure</li> <li>Improving government services</li> </ul>	<div>Strategies</div> <ul style="list-style-type: none"> <li>NSC Community Strategic Plan</li> </ul>

Custom Heading

Project Funding - Grants

STRONGER COUNTRY COMMUNITIES FUND	STRONGER COUNCILS FUND	SAFE & SECURE WATER	RESOURCES FOR REGIONS
No	No	No	No

Project Totals

\$0 - 0 mo.	15 mo.	15 mo.	\$3m	\$3m
<i>Shovel Ready</i>	<i>Total Time to Complete</i>	<i>Est. Project Duration</i>	<i>Total Est. Cost</i>	<i>Funding Required</i>

Project Delivery Framework

IDENTIFY		PLAN			DEVELOP		DELIVER		
Identify & Define	Project Brief	Option Study	Site Assessment	Concept Design	Planning & Approvals	Design & Specification	Construction Procurement	Construction Delivery	Funding Required
				\$20k 3mo.	\$100k 3mo.	\$200k	\$30k 3mo.	\$2m 6mo.	\$3m

FROM PLANNING SHELVES  
TO SHOVEL READY

# Narrandera School Bus Routes Upgrade Program

Project #UHJvamVjdDo2OTg= · Road

PROJECT AT A GLANCE

Narrandera School Bus Routes Upgrade Program

PROJECT BRIEF

The scope of the Narrandera School Bus Routes Upgrade Program to upgrade 3 State registered school bus routes to an acceptable width with a fully sealed surface. This will result in the upgrading and sealing of 37km of unsealed road ensuring a safer commute for the school buses and all other users.

Project Information

OVERVIEW

Road - Commuter Pipe	15 mo.	\$3m	
Project Type	Visibility	Est. Project Duration	Est. Project Cost
Various	Cootamundra	\$3m	
Project Location	State Electorate	Funding Required	
Narrandera Shire Council	Farrer	Riverina	
Local Government Area	Federal Electorate	Regional Development Area	
Riverina and Murray Joint Organisation			
Joint Organisations			
CORRIDOR			
Local road	12.69 km		
Classification	Corridor Length		
N0428	6.12 km	\$215k	\$1m
	Segment Length	Cost per km	Total Segment Cost
N0466	4.84 km	\$232k	\$1m
	Segment Length	Cost per km	Total Segment Cost
N2418	9.11 km	\$83k	\$751k
	Segment Length	Cost per km	Total Segment Cost



<h3>Purpose</h3> <p>This program proposes to seal and/or widen approximately 37km of roads located on the existing bus routes, thus improving the safety of the buses, their young passengers and all other road uses whilst traveling on a on a consistent road surface. This will also reduce the maintenance expenses to Council, required to maintain these roads to a standard whilst allows for reasonable access.</p>	<h3>Rationale for Investment</h3> <p>The Narrandera School Bus Routes Upgrade program looks to improvement the safety and minimise damage to the buses using the road network, especially on the unsealed or narrow roads, thus improving the safety of the buses, other vehicles, and all passengers. The sealing will also reduce the existing maintenance grading of these roads.</p>	<h3>Benefits</h3> <ul style="list-style-type: none"> <li>Improved safety and comfort for school bus passages and operators</li> <li>Reduced road maintenance</li> </ul>
<h3>Regional Strategies</h3> <ul style="list-style-type: none"> <li>Community Strategic Plan of the LGA</li> <li>2056 Transport Strategy</li> </ul>	<h3>Premiers Priorities</h3> <ul style="list-style-type: none"> <li>Creating jobs</li> <li>Protecting our kids</li> <li>Delivering infrastructure</li> <li>Well connected communities with quality local environments</li> </ul>	<h3>Strategies</h3> <ul style="list-style-type: none"> <li><a href="#">NSC Community Strategic Plan</a></li> <li><a href="#">NSW Road Safety Plan 2021</a></li> </ul>
<h3>Custom Heading</h3>		

Project Funding - Grants

<b>HV SAFETY AND PRODUCTIVITY PROGRAM</b> No	<b>FIXING COUNTRY ROADS</b> <div>Denied</div>	<div>+</div>	<b>BLACK SPOT PROGRAM</b> No	<b>ROADS TO RECOVERY PROGRAM</b> Yes	<b>BRIDGES RENEWAL PROGRAM</b> No
<b>BUILDING BETTER REGIONS FUND</b> No	<b>GROWING LOCAL ECONOMIES</b> No		<b>RESOURCES FOR REGIONS</b> No		

Project Totals

\$0 - 0 mo. <i>Shovel Ready</i>	15 mo. <i>Total Time to Complete</i>	15 mo. <i>Est. Project Duration</i>	\$3m <i>Total Est. Cost</i>	\$3m <i>Funding Required</i>
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Project Delivery Framework

IDENTIFY <i>Identify &amp; Define</i>	<i>Project Brief</i>	PLAN <i>Option Study</i>	<i>Site Assessment</i>	<i>Concept Design</i>	DEVELOP <i>Planning &amp; Approvals</i>	<i>Design &amp; Specification</i>	DELIVER <i>Construction Procurement</i>	<i>Construction Delivery</i>	<i>Funding Required</i>
						\$40k 2mo.	\$150k 4mo.	\$3m 9mo.	\$3m



FROM PLANNING SHELVES  
TO SHOVEL READY

# Narrandera Water Treatment Plant Replacement

Project #UHJvamVjdDo2OTk= · Water

PROJECT AT A GLANCE

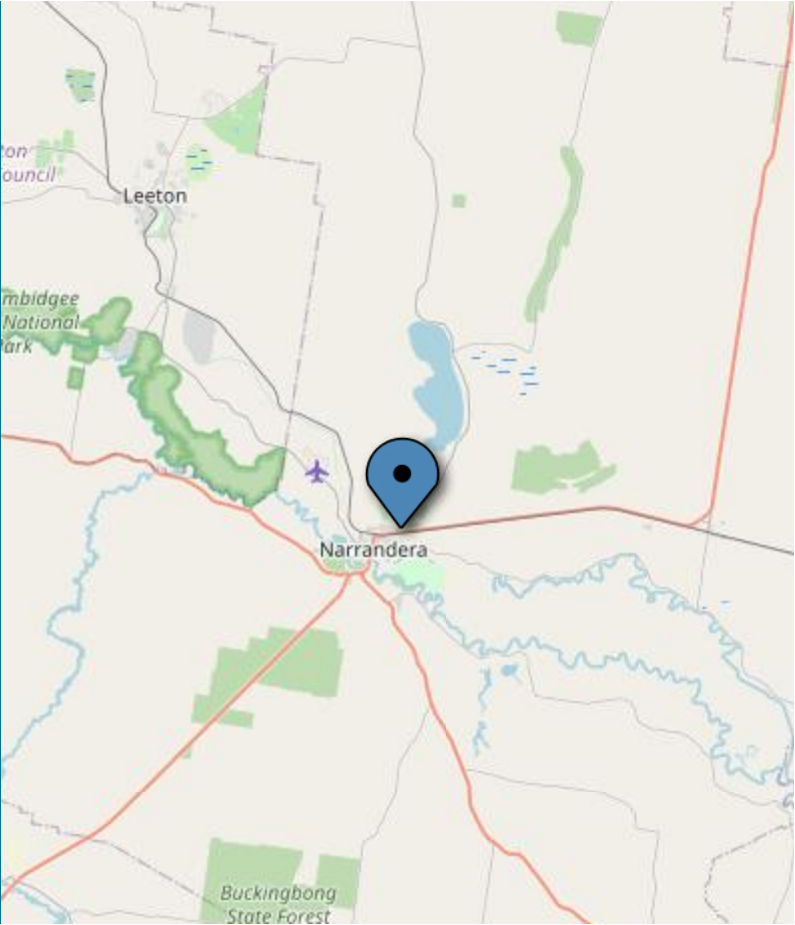
Replacement of the existing Narrandera potable water treatment plant

PROJECT BRIEF

The purpose of the project is to design and construct a water treatment plant to supply potable water for the town of Narrandera. The current bore water supply is high in turbidity, iron and manganese causing taste and quality complaints, and incomplete disinfection.

Project Information

OVERVIEW			
Water	Pipe	36 mo.	\$18m
Project Type	Visibility	Est. Project Duration	Est. Project Cost
Narrandera	Cootamundra	\$19m	
Project Location	State Electorate	Funding Required	
Narrandera Shire Council	Farrer	Riverina	
Local Government Area	Federal Electorate	Regional Development Area	
Riverina and Murray Joint Organisation			
Joint Organisations			



<h3>Purpose</h3> <p>Currently potable water is sourced from several bores adjacent to the Murrumbidgee River. Existing treatment consists of aeration and chlorination, with no filtration. The water sourced from the bore field contains iron and manganese levels which are often above the aesthetic guideline limits set out in the Australian Drinking Water Guidelines. This leads to raw water of high turbidity being disinfected with gas chlorination, causing on ongoing very high risk for illness from chlorine sensitive pathogenic organisms and community illness due to incomplete or ineffective disinfection.</p> <p>Construction of a treatment plant with direct filtration will reduce turbidity prior to disinfection to below the guideline value of 1 NTU. Council also regularly receives customer complaints regarding water quality and discolouration, with high levels of community dissatisfaction communicated to staff. Improvement in the treatment process would eliminate the accumulation of iron and manganese deposits in the reticulation system, restoring community confidence in Narrandera's potable water. Several attempts have been made over the previous two decades to source funding and or approval for an upgraded treatment system, or new treatment plant.</p>	<h3>Rationale for Investment</h3> <p>The risk to public health caused by high turbidity and incomplete disinfection has been identified in Council's Drinking Water Management System. The Australian Drinking Water Guidelines also state that, "The efficiency of disinfection depends greatly on the quality of the source or treated water, and can also be strongly affected by conditions such as chemical contact time, the pH and turbidity of the water, and organic content of the water.". A guideline maximum value of 1 NTU is suggested for disinfection and 5 NTU for aesthetic purposes at the consumers tap.</p> <p>The construction of a direct filtration treatment plant will reduce turbidity at the point of disinfection to below 1 NTU. The reduction of iron and manganese through this filtration process will reduce turbidity at the point of contact for consumers.</p> <p>Council currently spends upwards of \$25,000 annually in labour costs to perform mains flushing in response to customer complaints regarding water quality and discolouration. There is also an ongoing cost saving for customers who are utilising consumer grade filtration systems, which have large upfront costs and ongoing maintenance and filter media replacement requirements.</p>	<h3>Benefits</h3> <ul style="list-style-type: none"> <li>Improved public health. The construction of a water treatment plant will overcome the ongoing high risk of illness due to incomplete or ineffective disinfection.</li> <li>The community will experience a qualitative improvement in their water, with a reduction in customer complaints due to discolouration.</li> </ul>
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<h3>Regional Strategies</h3> <ul style="list-style-type: none"> <li>Drinking Water Quality Management Plan</li> <li>Integrated Watercycle Management Plan (IWCM)</li> <li>Community Strategic Plan of the LGA</li> </ul>	<h3>Premiers Priorities</h3> <ul style="list-style-type: none"> <li>Delivering infrastructure</li> </ul>	<h3>Strategies</h3> <ul style="list-style-type: none"> <li><a href="#">NSC Community Strategic Plan</a></li> </ul>
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Custom Heading

Project Funding - Grants

STRONGER COUNTRY COMMUNITIES FUND	STRONGER COUNCILS FUND	BUILDING BETTER REGIONS FUND	SAFE & SECURE WATER	RESOURCES FOR REGIONS
No	No	No	No	No
HOUSING ACCELERATION FUND	NSW BOATING NOW			
No	No			

Project Totals

\$0 - 0 mo. <i>Shovel Ready</i>	21 mo. <i>Total Time to Complete</i>	36 mo. <i>Est. Project Duration</i>	\$18m <i>Total Est. Cost</i>	\$19m <i>Funding Required</i>
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Project Delivery Framework

IDENTIFY <i>Identify &amp; Define</i>	PLAN <i>Option Study</i>	DEVELOP <i>Planning &amp; Approvals</i>	DELIVER <i>Construction Procurement</i>	
<i>Project Brief</i>	<i>Site Assessment</i>	<i>Concept Design</i>	<i>Design &amp; Specification</i>	<i>Construction Delivery</i>
				<i>Funding Required</i>
	\$50k	\$50k 6mo.	\$50k 2mo.	\$100k 3mo.
			\$15k 2mo.	\$350k 5mo.
			\$80k 3mo.	\$18m
				\$19m