



Naracoorte Lucindale Council
Better by Nature

Naracoorte Creek and Creekwalk Master Plan 2020



Executive Summary

The objective of this Master Plan is to guide the development and management of the urban section of the Naracoorte Creek.

The vision is to establish a high-quality linear park through the Naracoorte township area with amenity to be enhanced through the restoration of native vegetation, management of weed species and retention of water in the creek for longer periods.

Important social connectivity to Naracoorte Creek will be maintained through engagement with community groups and residents. A well developed and maintained creek and surrounds will support tourism and increase economic benefits.

The plan will;

- Increase community awareness of the creek as a community asset
- Be delivered as a community-based project over a 5 year period through an endorsed implementation plan.
- Identify opportunities to retain water without increasing flood risk
- Conserve and re-establish endemic vegetation recognising the value of appropriate exotic vegetation that forms part of the recent history of the creek.
- Promote a wide range of Individual and group activities by the community, in keeping with the wellbeing of the creek.
- Improve community health and wellbeing
- Improve historical promotion and understanding of creek precinct.
- Drive growth in visitor numbers through more visitor experiences encouraging longer stays

Introduction

Naracoorte Creek fills from swamps and lakes in the border area of Victoria. The northern branch flows out of Mullinger Swamp, which straddles the South Australia/Victoria border. This in turn fills from water overflowing from water bodies in Victoria. This main flow is further fed by a second branch which joins just out of Naracoorte township. Naracoorte Creek provides an important function of moving water across the landscape, and some landowners have constructed drains that feed into the creek. This provides greater water flows now for similar amounts of rainfall prior to the drainage work.

Works undertaken to straighten the creek and lift banks means water makes its way through the town much faster reducing the risk of flooding. An investigation was completed in 2018 modelling water flows with the view to establish an early flood warning system for the creek. Implementation of these proposed works is yet to be determined.

In early days, pollution was a problem with septic tank effluent discharge, and the Naracoorte Saleyards constructed on the rail lands washing stock effluent into the creek. We now have a more environmentally conscious public and strict legislative requirements to meet with discharging water into a waterway and such activities are now viewed as irresponsible.

After flowing through the town of Naracoorte, Naracoorte Creek continues on to Lake Ormerod and from there to Gareys Swamp and then north through the Marcollat Watercourse. Levels of Ormerod Lake can be manipulated by holding water back which can influence the movement of water through Naracoorte. A strategy is in place with the South East Water Catchment and Drainage Management Board to manage this to minimise impacts on Naracoorte and maximise environmental benefits at Lake Ormerod, balancing the expectations of landowners seeking to mitigate flood risk on their properties.

There have been proposals to re-develop and alter the Naracoorte Creek to meet the community's needs and aspirations since the time of first settlement. Some have been prompted by the need to mitigate flooding, others through an awareness of the creek as an asset to the town, and some by a desire to utilise some sections of the creek for recreational purposes. Generally, these schemes have been debated, deferred, and eventually forgotten.

The 1992 Plan developed by Robert Miles and Margaret Worth for the Naracoorte Corporation is the exception. It was developed through extensive community consultation and set out a clear vision for the creek. Not all of the plan was implemented however. A Creek Management Committee was established which oversaw the establishment of the popular Creek Walk, a deep pond was excavated near the Scout Hall, several weirs constructed, bridge crossings established and changes were made to the creek banks along Riverside Drive. Other ideas such as creating islands and revegetation did not proceed to the planned level and some of the plan's objectives were never fulfilled.

Naracoorte Creek and the Creek walk contribute to the wellbeing of Naracoorte's residents. The Creek provides a green corridor through Naracoorte which can be enhanced with further plantings. The addition of water for longer periods further increases the amenity. It provides habitat for native species, especially birds, which create a sense of vibrancy to the area. Each spring, waterfowl can be observed with their young in the creek. A nationally threatened species of frog, the Growling Grass Frog lives along the length of the creek and adjoining wetlands.

The Creek walk runs adjacent to the creek through Naracoorte, providing access for residents to enjoy the creek. It encourages walking for wellbeing and the weekly parkrun inspires a higher level of activity.

Naracoorte's Visitor Information Centre is situated adjacent to the Creek walk on MacDonnell Street and is an ideal location for visitors to access the path to the town centre and beyond. Other linkages are at the Naracoorte Holiday Park, the largest accommodation provider in Naracoorte; the Swimming Lake; and to the town centre through a pedestrian access established at 55 Ormerod Street. Visitors are an important part of the local economy and the Creekwalk contributes to the overall visitor experience in the district. A brochure showing the Creek Walk route is available at the Naracoorte Visitor Information Centre. Information on the Creek Walk is available on Council's website and it is also listed as an attraction on the Australian Tourism Data Warehouse.

Interpretation of the town's heritage along the Creek walk increases the understanding of the district's history and enhances the visitor experience. Linkages to the heritage trail beyond the creek walk are important to increasing the length of visitor stay. Further linkages to the Creek walk to the north to rural living areas and to the south with the proposed Caves Trail will each contribute to increasing wellbeing and tourism.

This Master Plan was developed in consultation with a Working Group of interested community members established by Council. It builds on the 1992 Plan and sets out an implementation strategy to ensure the 2020 Plan achieves its objectives.

Naracoorte Creek – Key Focus Areas

This plan recognises the Naracoorte Creek has been developed and is used by the community in different ways depending on the location. It divides the creek into sections to enable targeted engagement with relevant stakeholders and within each section, and looks at 3 key focus areas and actions;

- 1. Water retention in the creek** – water in the Stewart Range area is fully allocated so Council will need to either buy or lease an appropriate allocation to extract underground water and create permanent water or semi-permanent water in the creek. The Limestone Coast Water Allocation Plan (WAP) does not preclude water to be taken for this type of activity, and Council would need to get a permit to drill a new bore if this is required. In terms of discharge into the creek, Council will need to ensure that anything that was proposed met with Water Affecting Activity (WAA) Objectives and principles outlined in the SENRM Plan. This includes aspects such as:
 - Hydrology; flood flow estimates; spillway design (including flood capacity).
 - Earthworks design of; retaining walls, spillways, related structures, and protection against scour, and
 - A specification for all work and the standards to be achieved.

Further discussion on the implementation is included in each Section below.

Objective 1

To improve the amenity and habitat of the creek by extending the period of water retention, without increasing the flood risk.

- 2. Vegetation Management** – Peter Tucker and Ralph Scheel prepared a Restoration Plan for the section of creek from MacDonnell Street to Stewart Terrace. The principles and actions within this may be readily transferred to other sections. To assist with the implementation, this has been broken down into 7 Sections as described below.

Objective 2

To improve and maintain native vegetation to enhance amenity and habitat while allowing appropriate exotic species in suitable sections.

- 3. Naracoorte Creek walk** – the Creek walk is a key community asset. The path construction should be suitable for prams but is not intended to meet standards for disabled access. Plan considers the trail surface and alignment, plus associated infrastructure; seats, bins, signs and lights. As above, this is also broken down into the 7 Sections.

Objective 3

To provide a linear trail for recreational walkers and cyclists around Naracoorte showcasing the Naracoorte Creek environment and history, supported by suitable infrastructure such as shelters, park furniture, and interpretive signage.

Seven Sections of the Naracoorte Creek

Section 1: North Parklands to Federation Drive

Section 1 runs from the northern end of the Nature Park to where the residences at Federation Drive commence. It is bounded on the western side entirely by Council's Nature Park and Swimming Lake, and on the east by private farmland.

It is a rustic area with the creek running through redgums, some of which overhang the channel and pools with spectacular effect. There are pools with occasional fallen trees and reed patches with a large artificial pool created just north of two community native gardens. This retains water into the summer period. Creek flow needs to be maintained so removal of large fallen trees may be necessary, but this needs to be balanced by retaining some timber for habitat.

This Section has less weed species than some other Sections but still has outbreaks of blackberries, poplars and desert ash. A program of works to remove these and replace with native species is required to return the creek to its natural state in this section.

Nature Glenelg Trust and the Naracoorte Primary School worked with Council to establish 2 native plant gardens. The South East Aboriginal Focus Group undertook a project in 2013 to cut a canoe from a large red gum with the scar visible from the creekwalk.

The Creek walk path is a rubble surface which may be inundated in high waterflows. A concrete picnic table is provided in this section, which is unlit.

Section 1 objectives

- 1.1 Remove major impediments to water flows**
- 1.2 Retain and enhance natural vegetation**
- 1.3 Implement an ongoing program to remove desert ash and other weed tree species**
- 1.4 Maintain native plant feature gardens**

Section 2: Swimming Lake to Park Tce

Section 2 runs from the start of houses on Federation Drive and runs to the Park Terrace bridge. It is bounded on one side by the swimming lake and caravan park, and on the other by private residences. The creek has red gums lining each bank with several trees growing within the watercourse. Some natural reeds persist.

Creek banks adjoining the private property are maintained to a high level by the property owners and integrated into their private gardens. The gardens are generally dominated by English species and are maintained to a high level providing an attractive vista from the creekwalk. Some undesirable species for waterways are growing including willows and arum lilies. Willows are not propagating further downstream but the arum lilies, a declared weed under the NRM Act, are spreading to other sites. Some property owners place lawn clippings on the creek bank, which can act as a mulch to suppress weeds, but conversely, also encourage the spread of weed species.

Dwellings in Federation Drive have been constructed above the 1:100 year flood level although the street would become flooded. A weir was constructed near Park Terrace but now leaks. The reinstatement of a weir at this point would improve amenity during summer months.

The creekwalk has a concrete table in this section and others available nearby at the swimming lake. The path is close to the creek and is inundated during high waterflows, and has been inaccessible for up to 6 weeks. The path level was raised in 2018 but is still susceptible in flood situations. There are no options for rerouting the path in this location.

Section 2 objectives

- 2.1 Seek NRM approval to construct an appropriate weir structure, and a permit to pump and retain water**
- 2.2 Retain and enhance natural vegetation on the creek bed and southern bank as appropriate**
- 2.3 Encourage adjoining property owners to plant non-invasive species and remove invasive and declared weed species**
- 2.4 Install outdoor exercise equipment near the Swimming Lake**

Section 3: Scout Pond

The pond is an important feature of the creek. It was excavated to create a permanent pool for recreation including fishing. It was heavily used by scouts when first constructed but has less usage now, partly because it has naturally silted up over time and is now quite shallow. It generally has native wildlife plus a small flock of domestic geese. Native reeds are present but the banks are populated with the declared weed species the Golden Wreath Wattle *Acacia saligna*.

Water is retained with concrete weirs constructed near the rail bridge. These appear to be holding water and at an appropriate level to minimise flood risk and could be retained as are still in good condition.

The creek walk has been re-routed by Council from under the rail bridge to higher ground. The rail bridge creates a restriction to the creek and in many years the creek walk is inaccessible in this location. A mural is painted on the bridge depicting the geese that frequent the pond.

A seat and table, and rubbish bin are provided adjacent to the path under gum trees. Solar lighting bollards line the path connecting the township to the Holiday Park.

Section 3 objectives

- 3.1 Seek NRM approval to deepen the pond**
- 3.2 Retain and enhance natural vegetation**
- 3.3 Remove Golden Wreath Wattle *Acacia saligna* and replace with endemic native species**

Section 4: Scout Pond to MacDonnell Street

This section of the creek running parallel to Riverside Drive has been heavily modified. The banks on the southern side have been reinforced with large rocks and the bank raised. The creekwalk runs along the northern side and some sections are flooded during high creek flows. The Department for Planning Transport and Infrastructure was approached regarding relocating the creekwalk onto the disused rail line, but this was rejected.

The northern side has a steep hill which is generally poorly maintained however is undergoing development. This will enhance the vista from Riverside Drive. Areas not under private ownership could be improved through plantings.

Stormwater from the town centre is directed into the creek with rubbish trapped in Gross Pollutant Traps (GPTs). This is a requirement under the NRM Act to maintain water quality,

with surface run off contributing to rubbish making its way into the creek. Stormwater from roads also picks up seeds contributing to an ongoing issue with weed tree species, especially desert ash. In the past, these were allowed to grow large and root systems have been left to assist with binding the creek bank to prevent erosion. Future tree removals should also retain tree roots as a means of stabilisation.

A concrete weir was constructed east of MacDonnell Street bridge which retains water well into summer. An assessment of this location and suitability of this weir is required. A more appropriate location could be west of MacDonnell Street bridge to retain water under the bridge to improve general amenity, and could assist in reducing antisocial behaviour in this location.

The Naracoorte Rotary Club played a major role in constructing the creekwalk path and establishing the native trees that line the path. The club continues to be active in maintaining this section.

Section 4 objectives

4.1 Review weir structure and location

4.2 Retain and enhance natural vegetation

4.3 Implement an ongoing program to remove desert ash and other weed tree species

Section 5: MacDonnell Street to Stewart Terrace

The DPTI bridge adjacent to MacDonnell Street was closed following an accident but following strong community support, was reopened after Council constructed a bridge over the old structure. A second path has been constructed on higher ground through this section that allows the creek walk to be used during high water flows when the lower original section is flooded. The creek walk links the Sheeps Back Museum and Visitor Information Centre to the town centre.

The rail lands adjacent to the creek have been transferred to Council by the State Government. A vegetation restoration plan was developed for this section and has guided planting and weed management since 2016. The Naracoorte Rotary Club has engaged with Council on this section and undertaken planting of trees, shrubs and grasses, working towards creating a green corridor through the town.

This section is historically significant for Naracoorte. The Sheeps Back Museum and Visitor Information Centre is housed in the Old Mill and the Rail Station in Naracoorte was one of the largest and busiest in South Australia for a period of time. The Naracoorte Saleyards was constructed on this site in the 1950s, and used until the Naracoorte Regional Livestock Exchange was built on the Wimmera Highway.

The northern side of the creek has several unsightly back yards facing the creek. These are very close to the creek with the only stabilisation provided by tree roots. Care needs to be taken with any works to not destabilise this bank. At the western end, property boundaries meet in the middle of the creek and Council has entered into Agreements with owners of properties for permitting the creek walk on their land.

A concrete weir at Graham Street retains water in this section of the creek and appears to be in good condition and suitably located.

An old water tower stands on this land providing an opportunity to develop for an innovative purpose.

Section 5 objectives

- 5.1 Review weir structure and location**
- 5.2 Retain natural vegetation and continue planting in accordance to the restoration plan**
- 5.3 Implement an ongoing program to remove desert ash and other weed tree species**
- 5.4 Implement heritage signage as part of the Naracoorte Heritage Trail**
- 5.5 Determine a use for the old water tower**

Section 6: Stewart Terrace to Naracoorte High School

This section runs from the Stewart Terrace bridge to the water reserve area adjacent to the south west corner of the Naracoorte High School property. It is bounded both sides by Council reserve. Along Dartmoor Close, the property boundaries are very close to the creek channel on the eastern side and garden plantings extend to the creek's bank. As with the Federation Drive section, some of the species planted are unsuitable for planting near a watercourse.

Old large red gums dominate the creek banks and native reeds are prolific in the channel. A group of residents, the Dartmoor Mowing Group, mow the area beyond the tree Section.

A project was established in 2019 with the SENRM Board and Dartmoor residents to start the rehabilitation of this section of the creek. A tree planting day held with the assistance of Naracoorte Toyota planted shrubs, grasses and reeds in accordance with the restoration plan.

A weir and bridge were constructed by a resident and have fallen into disrepair, although the bridge is still used by local residents.

The water reserve near the High School has been developed by students and SENRM and is now maintained by Council.

Bench seats are provided along this section but there are currently no picnic tables.

Section 6 objectives

- 6.1 Remove old bridge and weir infrastructure and review possible weir location**
- 6.2 Retain natural vegetation and continue planting in accordance to the restoration plan**
- 6.3 Implement an ongoing program to remove desert ash and other weed tree species**
- 6.4 Re-establish a partnership with the Naracoorte High School for the maintenance and educational use of the water reserve.**

Section 7: Gum Avenue to the Swimming Lake

The Creek walk moves away from the creek and is connected from the creek near Gum Avenue to the Swimming Lake via the sealed shared use path to the Naracoorte High School, Playford Drive West past the cemetery and through the North Parklands. This section is generally poorly delineated and lacks appropriate signage. Local residents know the route but its is not clear for visitors.

No footpath exists on Gum Avenue and significant tree removal would be required to establish one. This is not desirable and line marking on each side of the road could be considered as this is a low speed, low traffic volume road.

The sealed shared path is exposed and less attractive than the balance of the Creek walk. Although this area has rock close to the surface, an avenue of appropriate trees would enhance both the path and entrance to Naracoorte.

The path is not defined along Playford Drive West and there is opportunity to construct a dedicated path separating linear path users and traffic, which can be high during sporting events, and funerals at the cemetery.

Pathways are provided through the North Parklands Nature Park , with the direct route on the southern boundary sealed. Maintaining a sealed surface with the steepness of the path near the lake will reduce maintenance costs. The central path through the parklands is a rubble surface in keeping with the natural surrounds.

A small section of privately held land near the Naracoorte High School and the need for a creek crossing prevented the establishment of the Creek walk route behind the High School and along Wattle Avenue. This route would extend the length of the Creekwalk, improve the amenity, but would come at a cost. Implementation of this route as an alternative or addition will be included for investigation.

Section 7 objectives

- 7.1 Assess the feasibility of a new or additional route behind the High School and Wattle Avenue**
- 7.2 Establish an avenue of suitable trees along the shared path along Stewart Terrace**
- 7.3 Improve signage linking the two sections of Creekwalk from Gum Avenue to the Swimming Lake**
- 7.4 Establish parkrun route signage**

Future Expansion and Linkages

Forestry land to the north of the Nature Park provides an opportunity to expand the Creek walk path to connect to McMillan Road, linking the rural living area.

For visitors, 55 Ormerod Street is an ideal starting point where the Creekwalk can be promoted. With the proposed Caves Trail to be likewise promoted at this site, the two major recreational trails in Naracoorte can be linked together.

Monitoring and Review

It can be expected that during implementation, priorities may change and new opportunities may arise. An annual review of progress and the success of the implementation will be undertaken during Council budget preparation and the Plan adapted accordingly.

Implementation Plan

Objective To improve the amenity and habitat of the creek by extending the period of water retention, without increasing the flood risk.							
	Action Required	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1.1 Remove major impediments to water flows	Annual check and removal of fallen timber	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2.1 Seek NRM approval to construct an appropriate weir structure, and a permit to pump and retain water	Engage suitable consultant to complete hydrological assessment, review current structures and design new weirs. Lodge permit application		\$50,000				
	Construct weir at Park Terrace		\$50,000				
	Annual water supply		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
3.1 Seek NRM approval and deepen the pond				\$10000			
4.1, 5.1, 6.1 Review weir structure and location	*Weir construction dependant on assessment			\$50,000	\$50,000	\$50,000	
6.1 Remove old weir infrastructure				\$5,000			
Total		\$1,000	\$106,000	\$71,000	\$56,000	\$56,000	\$6,000
Objective: To improve and maintain native vegetation to enhance amenity and habitat while allowing appropriate exotic species in suitable sections.							
	Action Required	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1.2, 3.2, 4.2 Retain and enhance natural vegetation	Implement program of works as per <i>Communities Environment Grant</i>	\$5,000	\$3,000				
1.3, 4.3, 5.3, 6.3 Implement an ongoing program to remove desert ash and other weed tree species	Implement program of works as per <i>Communities Environment Grant</i>	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
1.4 Maintain native plant feature gardens		\$,2000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000

2.2 Retain and enhance natural vegetation on the creek bed and southern bank as appropriate		\$1,000	\$2,000				
2.3 Encourage adjoining property owners to plant non invasive species and remove invasive and declared weed species							
3.3 Remove Golden Wreath Wattle <i>Acacia saligna</i> and replace with endemic native species	Implement program of works as per <i>Communities Environment Grant</i>	\$1,000	\$2,000				
5.2, 6.2** Retain natural vegetation and continue planting in accordance to the restoration plan	Implement program of works as per <i>Communities Environment Grant</i>	\$6,000	\$14,000	\$5,000^			
6.4 Re-establish a partnership with the Naracoorte High School for the maintenance and educational use of the water reserve.		\$500	\$500	\$500	\$500	\$500	\$500
7.2 Establish an avenue of suitable trees along the shared path along Stewart Terrace							
Grant income		\$5,000	\$15,000	\$5,000			
Total		\$17,500*	\$27,500*	\$11,500	\$6,500	\$6,500	\$6,500
Objective: To provide a linear trail for recreational walkers and cyclists around Naracoorte showcasing the Naracoorte Creek environment and history, supported by suitable infrastructure such as shelters, park furniture, and interpretive signage.							
	Action Required	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Annual path maintenance including mowing		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000

	Design and install sign for 55 Ormerod Street including Creekwalk		\$10,000				
	Replace Creekwalk signs along trail		\$5,000				
	Reseal North Parklands southern boundary		\$7,000				
2.4	Install outdoor exercise equipment near the Swimming Lake					\$15,000	
5.4	Implement heritage signage as part of the Naracoorte Heritage Trail		\$10,000				
5.5	Determine a use for the old water tower			\$1,000	\$5,000		
6.5	Install a picnic table at an appropriate location			\$5,000			
7.3	Improve signage linking the two sections of Creekwalk from Gum Avenue to the Swimming Lake	Replace entry signage in North Parklands Assess route past High School				\$5,000	
7.4	Establish parkrun route signage		\$5,000				
Total		\$15,000	\$52,000	\$21,000	\$25,000	\$30,000	\$15,000
Total all objectives		\$33,500	\$185,500	\$103,500	\$87,500	\$92,500	\$27,500

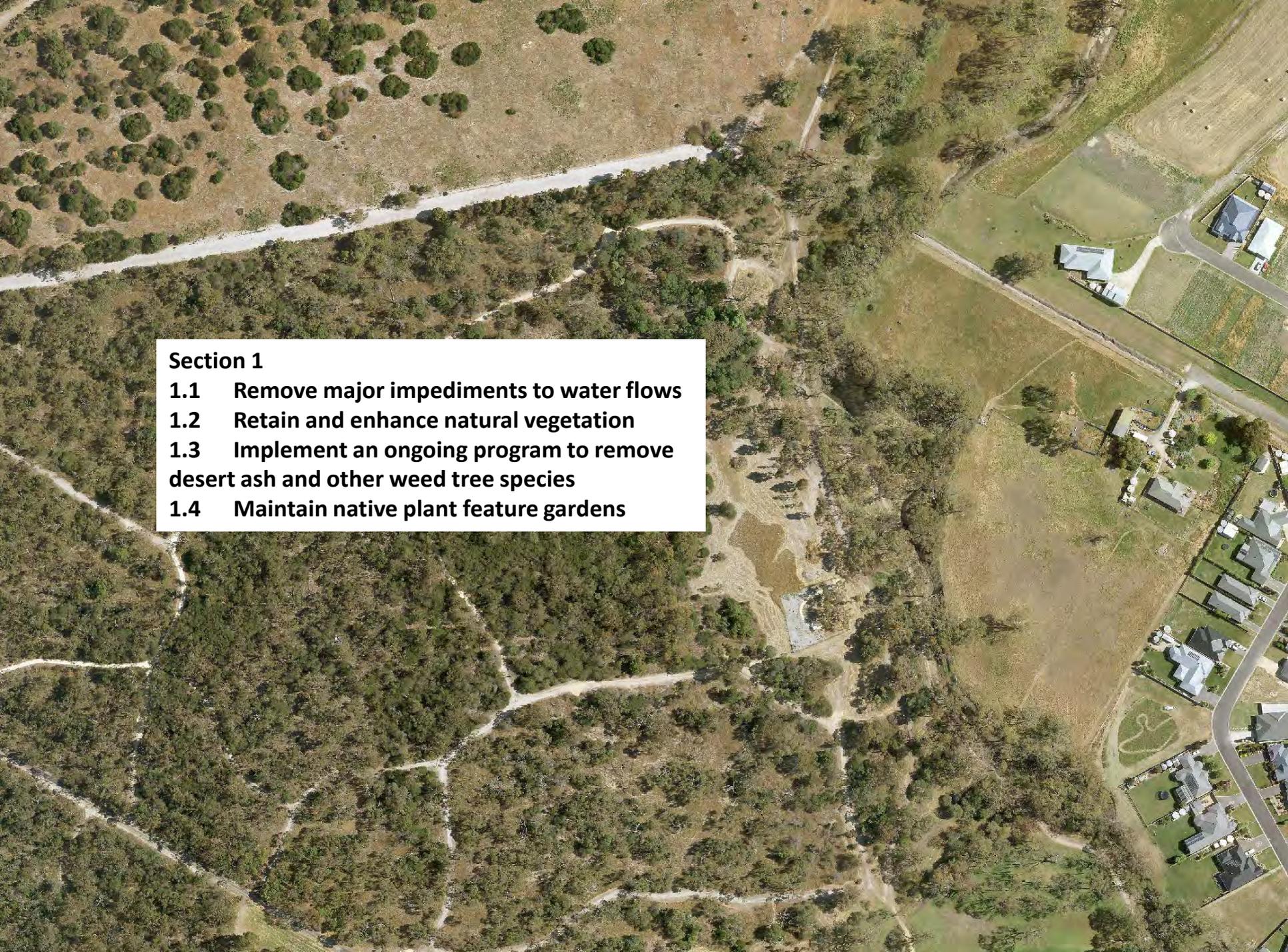
**for details of plant species selection and weed control program – refer to 2016 Restoration Plan

*2019/20 and 2020/21 includes a \$20,000 grant through the Australian Government's *Communities Environment Program* plus Council's budget for creek maintenance and parklands maintenance

^ 2021/22 Anticipated NRM grant

Naracoorte Creek



An aerial photograph showing a landscape with dense green vegetation, a winding dirt path, and residential buildings. The vegetation is thick and covers most of the area. A dirt path winds through the trees. In the upper right, there are several houses with grey roofs and a paved road. The overall scene is a mix of natural and developed areas.

Section 1

- 1.1 Remove major impediments to water flows**
- 1.2 Retain and enhance natural vegetation**
- 1.3 Implement an ongoing program to remove desert ash and other weed tree species**
- 1.4 Maintain native plant feature gardens**

An aerial photograph showing a residential development. In the upper left, there is a large, irregularly shaped swimming lake with blue water. To the right of the lake is a cluster of houses with grey and white roofs. Further right, there is a parking area with several cars and a small building. The surrounding area is a mix of green grass, trees, and some bare ground. A road runs along the bottom edge of the image.

Section 2

2.1 Seek NRM approval to construct an appropriate weir structure, and a permit to pump and retain water

2.2 Retain and enhance natural vegetation on the creek bed and southern bank as appropriate

2.3 Encourage adjoining property owners to plant non invasive species and remove invasive and declared weed species

2.4 Install outdoor exercise equipment near Swimming Lake

An aerial photograph showing a residential area. A road curves through the scene. To the right, there is a pond surrounded by trees and houses. The text is overlaid on a white box in the center-left.

Section 3

3.1 Seek NRM approval to deepen the pond

3.2 Retain and enhance natural vegetation

**3.3 Remove Golden Wreath Wattle *Acacia saligna*
and replace with endemic native species**

An aerial photograph showing a mix of residential houses and commercial buildings. A white text box is overlaid on the left side of the image, containing a list of tasks. The background shows streets, parking lots, and various types of vegetation, including some trees that appear to be dead or sparse, consistent with the text about desert ash and weed tree species.

Section 4

4.1 Review weir structure and location

4.2 Retain and enhance natural vegetation

4.3 Implement an ongoing program to remove desert ash and other weed tree species

An aerial photograph of a residential neighborhood. The image shows a grid of streets, numerous houses with various roof colors, and green spaces. A prominent road runs horizontally across the middle. In the foreground, there's a large, open, somewhat barren area, possibly a field or a construction site. The text box is positioned in the upper left quadrant of the image.

Section 5 objectives

5.1 Review weir structure and location

5.2 Retain natural vegetation and continue planting in accordance to the restoration plan

5.3 Implement an ongoing program to remove desert ash and other weed tree species

5.4 Implement heritage signage as part of the Naracoorte Heritage Trail

5.5 Determine a use for the old water tower

An aerial photograph showing a residential neighborhood with a mix of houses, trees, and open green spaces. A prominent road runs vertically through the center-right of the image. To the left of the road, there is a large, irregularly shaped area that appears to be a water reserve or a park, characterized by dense vegetation and scattered trees. The overall scene is a typical suburban or rural residential development.

Section 6

6.1 Remove old bridge and weir infrastructure and review possible weir location

6.2 Retain natural vegetation and continue planting in accordance to the restoration plan

6.3 Implement an ongoing program to remove desert ash and other weed tree species

6.4 Re-establish a partnership with the Naracoorte High School for the maintenance and educational use of the water reserve.

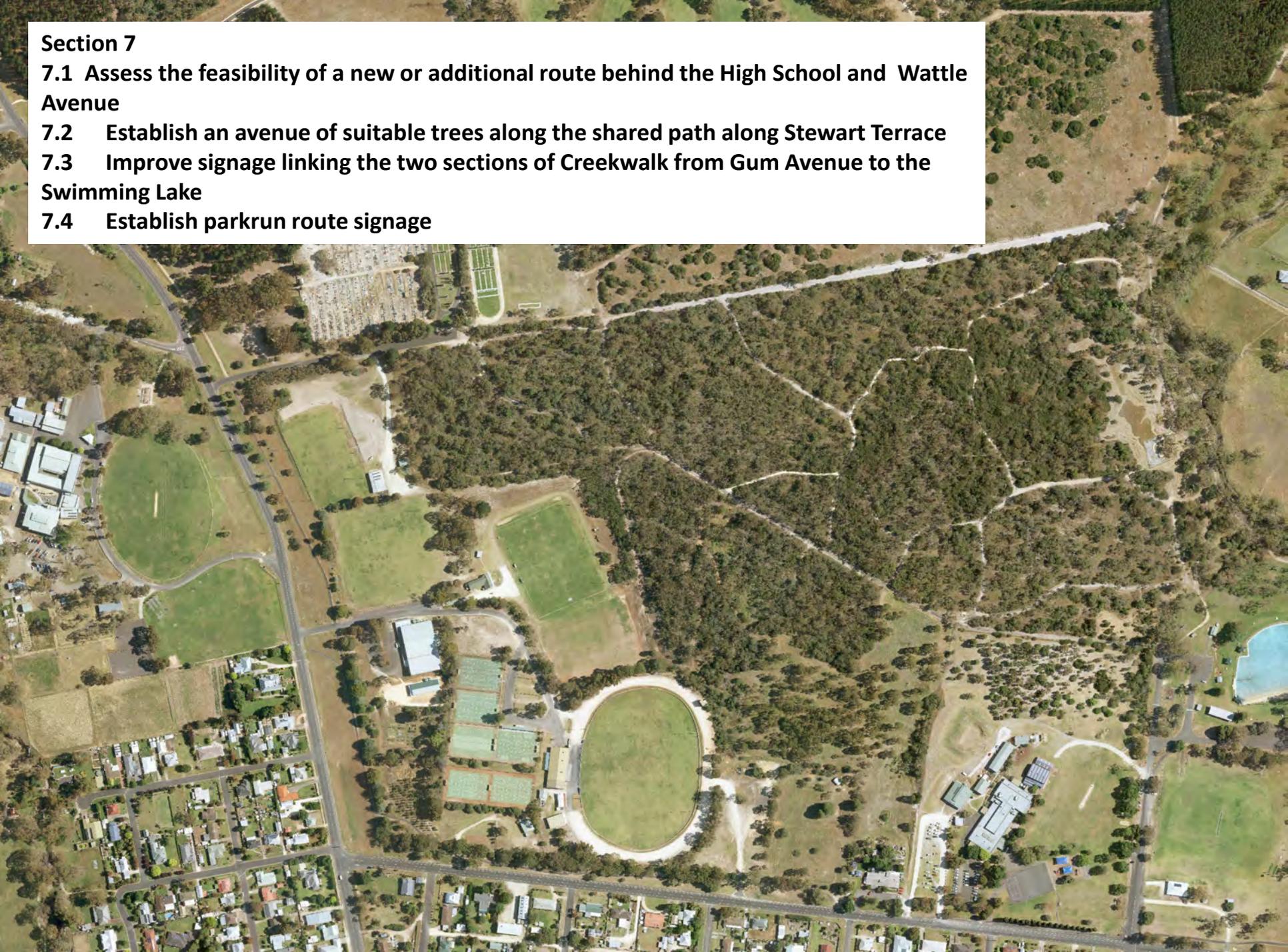
Section 7

7.1 Assess the feasibility of a new or additional route behind the High School and Wattle Avenue

7.2 Establish an avenue of suitable trees along the shared path along Stewart Terrace

7.3 Improve signage linking the two sections of Creekwalk from Gum Avenue to the Swimming Lake

7.4 Establish parkrun route signage





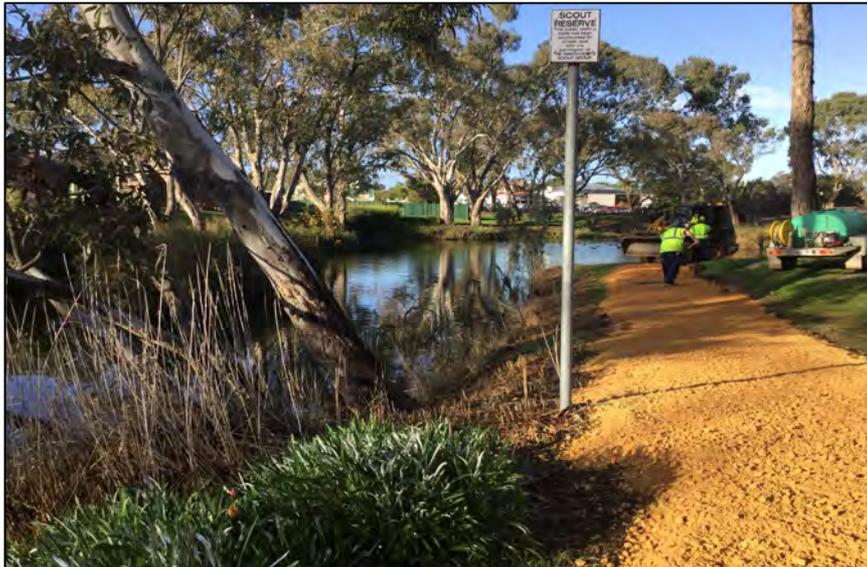
Naracoorte Creek



Creekwalk construction 2003



Creekwalk construction 2003



Creekwalk widening 2017



Creekwalk widening 2017



Creek in flood Holiday Park Oct 2016



Creek in flood swimming lake Oct 2016



Creek in flood swimming lake Oct 2016



Creek in flood Riverside Drive Oct 2016



1



Native plant garden Jan 2020

Native plant garden Jan 2020



Creekwalk nature park



Creek walk path adjacent to native garden



Waterhole nature park Jan 2020

1



Creek bed nature park Jan 2020



Creek bed nature park Jan 2020



Kikuyu on creek bank nature park



2

Reeds and creek crossing Jan 2020



Swimming lake outlet Jan 2020



Garden plants on creek bank Jan 2020



Seat on creekwalk



2

Creekwalk behind lake Jan 2020



Self seeding poplar trees Jan 2020



Naturally regenerating red gums Jan 2020



Browns Crossing Bridge Jan 2020



2

Browns Crossing Bridge Aug 2018



Browns Crossing Bridge June 2019



Browns Crossing Bridge construction April 2010



Creek in flood Aug 2018



Cooch grass growing in creek Jan 2020

2



Willow trees on creek bank Jan 2020



Creekwalk adjacent to Holiday Park



Table and seat by creekwalk



Lawn trimmed back from creek Jan 2020



Creek adjacent to Holiday Park Jan 2020



Looking north adjacent to Holiday Park Jan 2020



Looking south adjacent to Holiday Park Jan 2020



2



Weir at Park Tce bridge Jan 2020

Weir at Park Tce bridge Aug 2018



Weir at Park Tce bridge Jan 2020



Weir at Park Tce bridge Aug 2018



Creekwalk at Scout Pond Jan 2020

3



Scout Pond Jan 2020



Scout Pond jetty Jan 2020



Geese have been a long term fixture at the pond



3

Park Tce bridge June 2019



Scout Pond June 2019



Scout Pond June 2019



Scout Pond June 2019



3



Creekwalk at Scout Pond Jan 2020

Feral wattle adjacent to Scout Pond Jan 2020



New path to right, decommissioned to the left



Scout Pond Jan 2020



Weir at Scout Pond Jan 2020

3



Old path under bridge Jan 2020



Rubbish in creek Jan 2020



Overgrown reeds 2011



3



Table and benches at Scout Pond Jan 2020

Solar bollards from town centre to Holiday Park



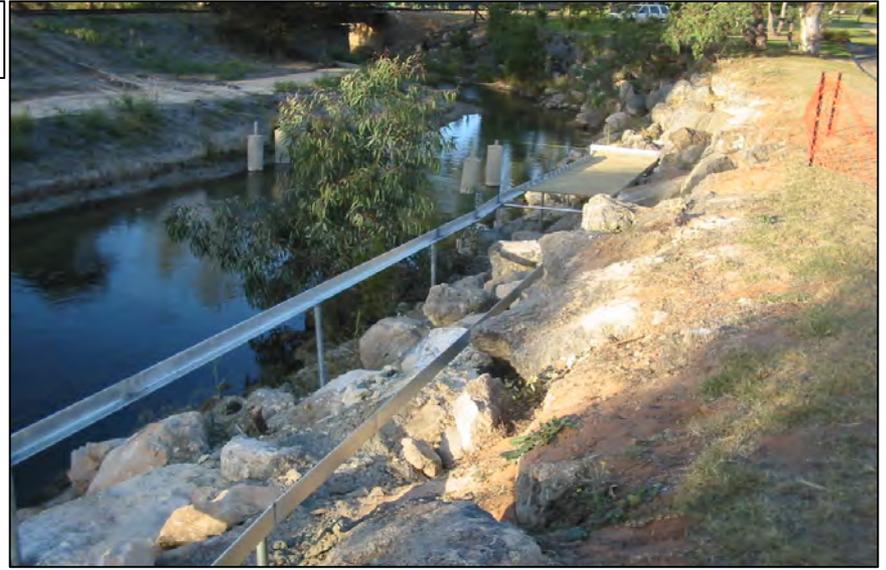
Park Tce bridge June 2019



Water level at Park Tce bridge June 2019



4



Bridge under construction April 2003

Bridge under construction April 2003



Bridge behind Naracoorte Hotel 2011



Bridge behind Naracoorte Hotel Jan 2020



4



Creekwalk Riverside Drive Jan 2020

Birdlife in creek Jan 2020



Creekwalk Riverside Drive June 2019



Bridge June 2019



4



MacDonnell Street bridge June 2019

MacDonnell Street bridge June 2019



MacDonnell Street bridge Jan 2020



Graffiti MacDonnell Street bridge Jan 2020



5

MacDonnell Street bridge Jan 2020



Graffiti MacDonnell Street bridge Jan 2020



Ash trees prior to clearing 2011



Council constructed path across DPTI bridge



5



Rubbish in creek Jan 2020

Blackberries on creek bank Jan 2020



Heavy growth behind businesses March 2011



Stormwater outlets from business premises Jan 2020



5



Rotary plantings on rail land July 2018

Rotary plantings on rail land July 2018



Rotary plantings on rail land July 2018



Rotary plantings on rail land July 2018



Twin paths high and low Jan 2020

5



Water tower Jan 2018



View from path to rail station Jan 2020



Trees planed by Rotary 2018 Jan 2020



Planted sedges and feral poplar trees Jan 2020

5



Rail turn table Jan 2020



Bridge at VIC Jan 2020



2019 plantings at VIC Jan 2020



5



Creek bed behind VIC Jan 2020

Looking west from VIC Jan 2020



Looking to rail lands from VIC



Weir at Graham Street



5



Weir at Graham Street Jan 2020

Creek near Graham Street March 2019



Creekwalk behind Jordan Transport depot Jan 2020



Creekwalk behind Jordan Transport depot Jan 2020



5

Creek behind Chinese Restaurant Jan 2020



Creek behind Chinese Restaurant Jan 2020



Willows on private land Jan 2020



Creek walk entrance off Stewart Tce Jan 2020



6

Willow trees poisoned by Council Jan 2020



West of Stewart Tce Jan 2020



West of Stewart Tce Jan 2020



Large red gums Dartmoor section Jan 2020



Dartmoor section Jan 2020

6



Plantings from 2018 Jan 2020



Planting International Tree Day July 2019



Tree guards from 2019 plantings Jan 2020



6



Tree guards from 2019 plantings Jan 2020

Tree trunk removed from creek and left as feature



Tree guards from 2019 plantings Jan 2020



Tree guards from 2019 plantings Jan 2020



1

Tree guards from 2019 plantings Jan 2020



Phalaris on creek bank Jan 2020



Dock growing in creek bed Jan 2020



Lipia – a deliberately planted weed Jan 2020



6



Agapanthus planted on creek bank Jan 2020

Weed control Oct 2019



Privately constructed weir and bridge



Excavated waterhole – dry Jan 2020



Kikuyu on creek bank March 2019

6



2019 plantings Jan 2020



Bridge to Gum Ave Jan 2020



Looking from bridge upstream Jan 2020



7



Entrance to creekwalk from Gum Ave Jan 2020

Gum Ave – no defined footpath Jan 2020



Signage



Signage – not clear to non residents



7

View from sealed path to Gum Ave Jan 2020



Bike path to school doubles as Creekwalk Jan 2020



Playford Drive Jan 2020



Playford Drive Jan 2020



Entrance to north parklands Jan 2020

7



Entrance to north parklands Jan 2020



Sealed section of path Jan 2020



Sealed section of path Jan 2020



7

Path leading to Swimming Lake Jan 2020



Path leading to Swimming Lake Jan 2020



Swimming Lake approx. 1962



Swimming Lake Dec 2013 creekwalk top of image