



City of Nedlands

Technical Services Reports

Committee Consideration – 13 June 2017

Council Resolution – 27 June 2017

Table of Contents

Item No. Page No.

TS06.17 Endorsement of David Cruickshank Reserve Enviro-scape Master Plan2

TS06.17	Endorsement of David Cruickshank Reserve Enviro-scape Master Plan
----------------	--

Committee	13 June 2017
Council	27 June 2017
Applicant	City of Nedlands
Officer	Andrew Dickson – Manager Parks Services
Director	Martyn Glover – Director Technical Services
Attachments	1. David Cruickshank Reserve Enviro-scape Master Plan 2. Community Engagement Results

Executive Summary

This report is being presented to Council to seek endorsement of the David Cruickshank Reserve Enviro-scape Master Plan. A final concept plan for the reserve has been produced following the conclusion of community engagement activities.

Endorsement of the plan will allow for the coordinated development of the reserve, at a practicable whole-of-life cost, with consideration of future management constraints and opportunities.

Recommendation to Committee

Council:

1. **Endorses the David Cruickshank Reserve Enviro-scape Master Plan concept.**

Discussion/Overview

Background

An audit of the City's irrigation infrastructure in 2011 identified David Cruickshank Reserve as a priority site for upgrading of the infield reticulation system. The upgrade was identified as being necessary due to basic design deficiencies, the age of the system, progressively unreliable performance and increased maintenance demands. Funding for upgrading of the reticulation has been included in the approved 2016/17 capital works budget.

During preliminary planning for the project, it became evident there were several critical issues that required further consideration to ensure a successful outcome. The primary consideration was designing the system in order that it correlate with any future development in the precinct over a 25 to 30 year period, being the useful life of the system. Consequently, the City commenced a process of planning for the reserve precinct which included community engagement activities.

Objectives

The David Cruickshank Reserve Enviro-scape Master Plan (DCREMP) concept was produced following a strategic planning process that considered current and future management issues. The objective of the process was to identify constraints and opportunities to ensure future development within the reserve precinct is coordinated, fit for purpose and meets the needs of current and future users at the most economic whole-of life cost.

The DCREMP is intended to inform and improve decision making processes associated with the reserve precinct including asset management, forward works planning, budgeting and facilities maintenance.

Strategic Considerations

The DCREMP has been developed with a focus on the following current and future strategic considerations:

- Regulation of groundwater abstraction – the City’s annual allocation of groundwater used for irrigation at 709,300 kilolitres (kl), based on an allocation of 7,500 kl per annum / per hectare of irrigated area. The Department of Water has indicated the likelihood of future reductions to groundwater allocations in the order of twenty percent (20%), which equates to an annual allocation of 567,440 kl equaling 6,000 kl per annum / per hectare of irrigated area.
- Climate change – climate forecasting for the south west of WA indicates future increased temperatures and reduced rainfall, but with increased intensity. In planning for this eventuation, there will be a need to change water use and general reserve management practices.
- Sports participation – a forecast increase in demand and usage for sport facilities will require improved management of turf playing surfaces to support more participants and to withstand deterioration in quality.
- Water quality - the quality of the groundwater within the precinct is being negatively impacted by decreasing rainfall and a resultant reduction in recharge of the superficial aquifer. This is currently exacerbated by the discharging of storm water from the City’s roads to the Swan River. The installation of additional soak wells within the road drainage network will allow for the storage and infiltration of storm water at the point of capture. This approach redirects storm water to the ground beneath the precinct, effectively recharging the superficial aquifer and improving the quality of water abstracted for irrigation.
- Vegetation health - the retention of native vegetation, most notably trees, is being impacted by the quality of the groundwater and how the water is applied. The current scenario of watering and maintaining grass growth amongst native trees does not support their long-term health and requires adjusting management practices.
- User accessibility - the City has statutory obligations in accordance with the *Disability Services Act 1993* and is required to maintain a Disability Access and Inclusion Plan (DAIP). The City’s DAIP addresses seven specific outcome areas. Outcome 2 specifically states “that people with disability have the same opportunity as other people to access buildings and other facilities of the City of Nedlands”.

Improving access includes connecting paths where there are missing links and considering the placement of facilities where they can be accessed by people with mobility difficulties.

Proposed Initiatives

The DCREMP concept proposes implementing initiatives associated with managing the above strategic considerations. Below is a list of the new initiatives and considerations contained within the DCREMP that are proposed to be implemented in coming years:

- Introduce eco-zones[^] by eradicating grass species around trees, converting to mulched ground and planting of low growing natives where suitable.
- Redesign and renew infield reticulation system to –
 - resolve undersized mainline and lateral pipes;
 - resolve inefficient sprinkler spacing;
 - improve water dispersal uniformity;
 - hydro-zone* different classifications of turf use;
 - provide drip watering to street trees along Victoria Avenue;
 - reconfigure watering practices in eco-zones to support native tree health; and
 - resolve current competing water use demands between sports field, tennis club, bowling club and Point Resolution Reserve, ensuring irrigation contingencies for the tennis and bowling clubs.
- Convert unirrigated grass along Victoria Avenue and western portion of Jutland Parade to greenway planting.
- Replacement of parks furniture with consideration to accessibility and amenity improvements.
- Provide shade to the playground when next upgrade is required.
- Renew the practice cricket wicket nets.
- Allow for limited formal and informal parking on the reserve nature strip/verge.
- Remove delapidated park shed adjacent to practice cricket nets and replace with new shed with access off internal car park.
- Construct approximately 410 metres of new accessible path linking points of interest, providing access to the playground and providing separation between turf and eco-zones.
- Upgrade sports lighting to provide 50 lux (with future provision for 100 lux) coverage across the sports field for large ball sports training.
- Intensify tree planting in eco-zones to increase tree canopy cover by 20% within the reserve.

[^] Eco-zoning is a water conservation practice where ground conditions are managed in a manner that the watering needs of plants are ultimately met by rainfall alone.

* Hydro-zoning is a water conservation practice achieved by designing reticulation and watering practices to be configured in a manner that allows zones of differing usage and plant types to receive

Risk Management

The DCREMP seeks to manage a range of risks associated with the future management of the City's parks. The primary risk to the continuing delivery of current service levels for parks is managing the likelihood of a twenty percent (20%) reduction in groundwater allocations. The new irrigation infrastructure needs to be designed in a manner that future proofs the provision of a quality recreational facility.

The proposed initiatives are to be implemented in a staged approach to manage financial risk. The proposed projects are contained within the proposed 5 year Capital Works Programme and listed in future budgets outside this timeframe. Staging of projects also allows the City to gauge community acceptance of the initiatives once implemented.

Key Relevant Previous Council Decisions:

Special Council Meeting - 30 June 2016 – Item 6. Adoption of the Annual Budget 2016/17

Council Resolution

Council:

1. adopts the 2016/17 Annual Budget as detailed in the Attachment for the year ending 30 June 2017, representing an increase in the rate in the dollar for all ratepayers of 3.0%

PARKS SERVICES		2016/17 BUDGET CAPITAL WORKS & ACQUISITIONS		
LOCATION	DESCRIPTION	TOTAL COST	GRANTS / OTHER	NET TO CITY
David Cruickshank Reserve	Install dry climate planting to hydrozone areas (in accordance with Masterplan Development)	\$31,500	\$0	\$31,500
David Cruickshank Reserve	Upgrade irrigation system with hydrozoning (due 2011 as per Asset audit)	\$360,500	\$90,000	\$270,500

Consultation


Refer to Attachment 2

Budget/Financial Implications

Operational budget – a negligible overall impact on current maintenance operations budgets is forecast over the life of the DCREMP.

Capital Budget - The proposed initiatives are listed as capital budget items in the 5 year Capital Works Programme as indicated in the table below.

Financial Year	Project Description	Cost (inc. on-costs)	Municipal	Grant	Grant Type
16/17	Upgrade irrigation system with hydrozoning	360,000	290,000	70,000	CSRFF
	Install eco-zones and dry climate planting	35,000	35,000	0	NA
17/18	Construct internal accessible paths (410m)	65,910	65,910	0	NA
	Install 4 x 25m sports floodlights	299,000	145,667	153,333	CSRFF/CF C
	Refurbish cricket nets	47,970	35,670	12,300	CSRFF
18/19	Replace boomgate (east)	4,940	4,940	0	NA
20/21	Replace park sign (south)	8,970	8,970	0	NA
21/22	Replace drinking fountain	5,460	5,460	0	NA
	Replace bike racks (6)	11,310	11,310	0	NA
Future budgets	Replace park bench	2,730	2,730	0	NA
	Replace park sign (north)	9,490	9,490	0	NA
	Remove and replace park shed	20,000	20,000	0	N/A
TOTALS		870,780	635,147	235,633	

City of Nedlands Enviro-scape Precinct Master Plan							
Park / Reserve Name:	David Cruickshank Reserve	Strategic Initiatives					
Ward	Dalkeith	Access			Fit for Purpose		
Reserve No:	1668	Item	Comment	Action	Item	Comment	Action
Hierarchy Classification:	District Park	Staff	Construct new shed in better accessible location	Include in design and future budget	Sporting Groups	Sports lighting - 50 lux for training with provision for 100 lux for fixtures	Include in future design for lighting and budget
Primary Function(s):	Recreation space, sports space	All Abilities	Design to DDA / DAIP standards				
Drainage Catchment:	NE 45	Pedestrian	Use path to generally separate turf from eco-zoning and link points of interest	Amenity			
Review Team:	Martyn Glover Andrew Dickson Daniel Lewis Glen Burwood Chris Batchem Craig New Tami Sharp			Item		Comment	Action
Date of Review:	16 November 2016	Shade	Locate seating in areas of shade Provide shade to playground	Include in design and future budget		Goals for senior AFL	Include in design
Strategic Considerations		Parking	Allow for limited formal and informal parking on verge areas			Include in design	
Catchment	District facility			Environment			Viewing areas for spectators
Access	Vehicle, Pedestrian, Cyclists, All abilities, Servicing	Item	Comment	Action	Improve equipment storage	Include in design	
Amenity	Parking, Seating, Shade, Shelter, Ambience	Water Conservation / Quality	Bore field to achieve 1500 l / minute from 3 bores	Nil	Irrigation water contingency for Tennis and Bowls Clubs		
Environment	Vegetation retention / selection, water conservation / quality, climate change	Vegetation Retention	Resolve undersized mainline/s and inefficient configuration	Renew with 150mm line and realign	Casual Users	Cater for dog walkers e.g. bins	Include in design
Fit for purpose	Sporting groups (fixtures, training and playing surface), PRCC, casual users, social gatherings, early learning (education)		Integrate central control capability with onsite weather station	Resolve controller and weather station connection		PRCC	
Stakeholders			Resolve inefficient sprinkler spacing / application uniformity	Include in reticulation design	Provide path access to playground		Provide grassed areas with winter solar access
Sporting Groups (Note possible gridiron in summer)	Collegians AFL Dalkeith Bowling Club Dalkeith Tennis Club Claremont/Nedlands Cricket Club Western Suburbs Junior Cricket Club Dalkeith/Nedlands Junior Football Club Personal Trainers		Hydro-zoning and eco-zoning of areas in accordance with Irrigation Operating Strategy			Include in future design of playground	Lighting of perimeter paths
Education	PRCC, Dalkeith Primary Early Education Centre		Transition zone - Verge (7m)		Include in design		Playground is accessible and compliant with standards
Drainage			Greenway along Victoria Avenue			Include in design	Notes - Tennis Club bore to service Tennis and Bowls Clubs, Wattle and Beatrice bores to service oval and Point Resolution, sprinklers to required standard spacing, install electrical conduit for future flood lights.
Notes	Infiltration to be installed along road network at 1m ³ per 80m ² of 100% runoff to provide storage for approximately 1 in 5 year event at 2 minute interval. Gross pollutant trap to be installed to piped discharge into Swan River at southern end of Wattle Avenue. Any drainage pipes to be sand trapped at the upstream invert.	Climate Change	Increase tree canopy cover by minimum 20% in eco-zone areas	Include in design	David Cruickshank Reserve November 2016		
			Provisions for storm water infiltration and dispersal (WSUD)				
				Refer overleaf for Concept Design			



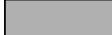









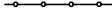





BEATRICE RD

WATTLE AVE

JUTLAND PARADE

LEGEND

-  EXTENT OF WORKS
-  EXISTING TREES
-  EXISTING FOOTPATH
-  PROPOSED FOOTPATH
-  PROPOSED FLUSH KERB
-  EXISTING PLANTING ZONES
-  SPORTS TURF
-  ECO-ZONE (MULCH & NATIVE PLANTING)
-  CASUAL USE TURF
-  TURF BLOCK PAVERS
-  GREENWAY
-  BOLLARDS
-  EXISTING FENCE
-  PROPOSED PARKING ZONE
-  RELOCATED SHED
-  EXISTING SEAT



**Enviro-scape Master Plan for the David
Cruickshank Reserve Precinct**

Community Engagement Results

7 April to 8 May 2017



CONTENTS

1.	INTRODUCTION	4
2.	PURPOSE OF ENGAGEMENT	5
3.	ENGAGEMENT PERIOD.....	5
4.	ENGAGEMENT PRINCIPLES	5
5.	COMMUNITY AND STAKEHOLDERS.....	5
	5.1 Online Engagement – Your Voice Nedlands	7
	5.2 Information Sessions.....	7
	5.3 Advertising and Media	7
6.	ENGAGEMENT PARTICIPATION.....	8
	6.1 Survey results	9
	6.2 Feedback from the Community	9
	6.3 Outcomes from the Information Sessions.....	9
7.	CONCLUSION.....	10

Prepared: 12 May 2017

1. INTRODUCTION

The project involved identifying and interrogating a range of topics associated with the David Cruickshank Reserve precinct to develop and provide a strategic vision for the future use and development of the park. This project is the first master planning project for all parks precincts (67) in the City of Nedlands.

This project involved identifying and researching a range of topics, possible limitations and issues relevant to the David Cruickshank Reserve precinct. Issues considered included the natural and built environment, water quality and conservation and climate change, along with accessibility, amenity, community use and ensuring the precinct is fit for purpose.

The final master plan will be developed following the outcomes of the community engagement process and will feature a range of initiatives to address existing and possible limitations so regular parks users and residents are provided for now, and into the future.

The project also aimed to ensure community needs are met in the most economical way possible across the reserve's lifespan. Initiatives to be implemented will relate to park users and accessibility, water conservation, landscaping and vegetation, furniture, shade provision, parking, infrastructure and outdoor recreational activities.



David Cruickshank Reserve Precinct – Proposed Enviro-scape Master Plan Area

2. PURPOSE OF ENGAGEMENT

The project provided the community with information and the opportunities to provide feedback on the future management of the reserve and the priorities.

Their thoughts were invited on the draft enviro-scape master plan. Information was provided to assist with gaining an understanding the limitations and issues relevant to the reserve precinct.

The engagement outcomes will contribute to the development of the strategic vision for the park's future use in alignment with the current service levels and budgets.

3. ENGAGEMENT PERIOD

The engagement was advertised for the period Friday, 7 April to Monday 8 May 2017 **(32 days)**.

4. ENGAGEMENT PRINCIPLES

The following engagement principles, as contained in the City's Community Engagement Policy, were applied to guide the way in which the City engaged and communicated with the community and stakeholders:

Citizenship	We will provide for and communicate opportunities for everyone to have a genuine and meaningful say in local democracy about actions that could affect their lives.
Transparency	We will ensure that the purpose and mechanisms of our engagement will be relevant, easily understood, timely and accessible by all.
Inclusion	We will seek out and facilitate the involvement of all those affected or potentially affected.
Accountability	We promise that all contributions will influence the alternatives developed, be reflected in our decision-making, outcomes will be communicated and performance will be measured.
Our people	We promise that our people will uphold the City values, the IAP2 Value's and Code of Ethics, be appropriately trained and supported to deliver best practice engagement.

5. COMMUNITY AND STAKEHOLDERS

All those property owners and residents within the area bounded by the Swan River, Adelma Street, Viking Road to the Swan River were invited to participate in the engagement activities, 317 in total.

Stakeholders also included sporting and community groups, lessees of facilities, the Department of Water and the Point Resolution Child Care Centre.

The community generally and users of the reserve were invited to provide feedback.

OPPORTUNITIES FOR ENGAGEMENT

The David Cruickshank Reserve Enviro-scape Master Plan engagement page on the City's online engagement hub, **Your Voice Nedlands** was used to promote and create general awareness of the project, to read information and provide feedback.

Opportunities for residents, stakeholders, reserve users and the general community to engage with the City and to seek project information where provided as follows:

- Attend an information session at the Adam Armstrong Pavilion (4 sessions programmed between 4.00 pm and 6.00 pm on Thursday 27 April 2017). These sessions provided an overview of the proposed master plan and provided attendees with the opportunity to provide feedback.
- A brochure to provide information on the project and the draft master plan.
- Your Voice Nedlands provided an online survey, tools for feedback and to ask the City a question, a list of FAQs, the draft master plan and key dates. An electronic version of the brochure was also provided along with newsfeeds.
- By contacting the City by email (yourvoice@nedlands.wa.gov.au).

Awareness of the project was provided by advertising in The Post Newspaper and the Western Suburbs Weekly (engagement period and the information session) and within the monthly Nedlands News Update.



The image shows a flyer with a dark grey header containing the City of Nedlands logo and name, and the website "nedlands.wa.gov.au". The main text is in bold black font: "David Cruickshank Reserve Precinct Proposed Enviro-scape Master Plan Project". Below this, there is a paragraph of text: "The City invites residents and the Reserve users to provide feedback on the proposed master plan for the future upgrade and development of facilities at this precinct." Another paragraph follows: "Issues being considered include the natural and built environment, water quality and conservation and climate change, along with accessibility, amenity, community use and ensuring the precinct is fit for purpose." A third paragraph states: "An information session on the proposed plan is scheduled for:" followed by the event details: "Thursday 27 April 2017 From 4.00 pm to 6.00 pm At the Adam Armstrong Pavilion, off Beatrice Road, Dalkeith". The final paragraph says: "To RSVP for the information session and find out more, please visit Your Voice Nedlands at nedlands.wa.gov.au."

5.1 Online Engagement – Your Voice Nedlands

Your Voice Nedlands was the reference point for engagement information and to find information on the project. Information provided included:

- Technical Drawing – Proposed Enviro-scape Master Plan
- Electronic version of the brochure
- Frequently asked questions (FAQs)
- Advice on the key dates
- Project Team contact details

The engagement page also provided the opportunity for people to RSVP for the information sessions.

Opportunities to provide feedback included:

- Completion of a survey which aimed to understand the community's views on the master plan issues that were identified by the City. The community were asked to rate their level of importance in relation to:
 - The protection and maintenance of the mature native trees
 - Managing the finite water resources
 - Providing quality sporting surfaces and facilities for the community
 - Responding to climate change
 - Providing universal access to all facilities.
- A facility to provide feedback more generally.
- A facility to ask the City a question of the Project Team. This included the ability for the Project Team to respond, either publicly or in private if considered confidential (individual property related).

Questions and feedback from the property owners/residents within the project area were also able to be provided to the Your Voice Nedlands email.

Prior to, during and following the engagement process, newsfeeds were placed on the engagement page for notifications and how people could participate, along with placing updates on the project more generally.

5.2 Information Sessions

Information sessions were held on Thursday 27 April 2017, commencing at 4.00 pm and concluding at 6.00 pm. Four sessions of thirty minutes were scheduled during this period.

5.3 Advertising and Media

Advertising was placed in the Western Suburbs Weekly and The Post Newspaper on four (4) occasions.

A media release was also prepared for The Post and the Western Suburbs Weekly newspapers with an article published in The Post Newspaper on 15 April 2017.

POST Community news

Have your say on Dalkeith reserve

Nedlands council is developing a long-term plan for David Cruickshank Reserve in Dalkeith and wants to inform and consult the people who use it.

There will be four information sessions on the draft enviro-scape plan between 4 and 6pm on April 27 at the Adam Armstrong Pavilion, which is within the reserve off Beatrice Road.

Nedlands mayor Max Hipkins said the aim was to develop a vision for the park's future.

"Issues we'll be considering include the natural and built environment, water quality, and

conservation and climate change, along with accessibility, community use and ensuring the precinct is fit for purpose," he said.

"The project aims to ensure community needs are met in the most economical way possible.

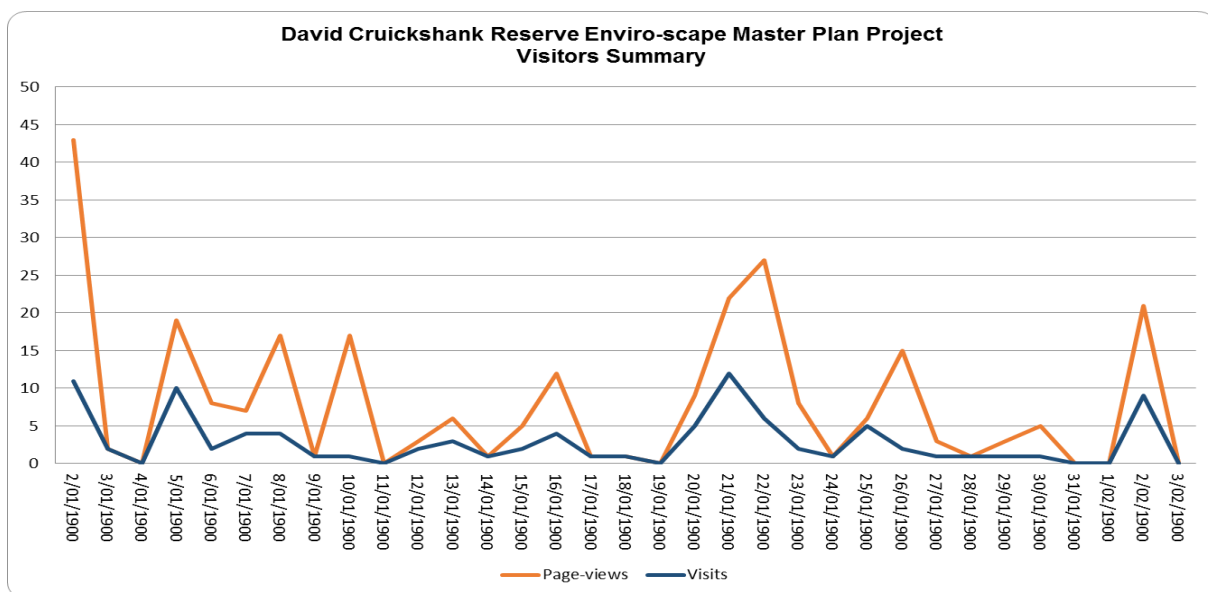
"We want to make sure the community gets adequate opportunity to make its point-of-view known after being presented with all the relevant information."

To RSVP for the information session, find out more and to provide feedback, visit Your Voice Nedlands at nedlands.wa.gov.au.

6. ENGAGEMENT PARTICIPATION

The community engagement results follow. It is noted that the Technical Services Division will be assessing the feedback to determine the recommendations to finalise the enviro-scape master plan for the David Cruickshank Reserve.

During the engagement period, the engagement page received 95 total visits to the site, who collectively viewed 264 pages. 80 of these visits viewed at least one page. There were 20 downloads of the documents and 14 visits to the FAQ page. Only two (2) people completed the surveys. The following graph illustrates the visitor summary for the engagement period daily.



The City didn't receive any telephone calls, customer service counter enquiries or emails asking questions or seeking further information from the community. The Department of Water provided a plan detailing the wastewater infrastructure in the master plan project. The Car parking area and bollards shown in Beatrice Road are in the vicinity of an existing cast iron water main, the exact location of this main should be determined prior to works to avoid any damage occurring.

6.1 Survey results

Only 2 surveys were completed. As a result, the outcomes of the survey are not representative of the community.

6.2 Feedback from the Community

Feedback was received by four (4) people and summarised below:

People supported the plan for David Cruikshank reserve particularly preserving mature trees and footpaths within the picturesque park.

Footpaths were identified as an issue as follows:

- A footpath is desperately needed along Beatrice Road between Wattle and Adelma to provide a safe way for local children to access this facility or the kindergarten, tennis club or childcare centre
- Consider an additional footpath along Victoria Avenue to connect the stretch between Point Resolution and Beatrice Rd/Victoria Ave intersection where the new proposed footpath is marked to finish. It seems an oversight that there is a notable discontinuation of the around-river walking/cycle path which otherwise connects the City to Claremont
- Adding the pathway and parking as identified will be useful additions.
- It is positive to see the installation of a footpath that will finally connect the Jutland Parade path to the one along Beatrice Road.
- Paths to be as level as possible

There was a suggestion to remove carpark (5 bays) outside PRCC and no car parking along Beatrice Road and to seal the overflow carpark next to Bowling Club/Tennis Club work shed and for the City to consider reuse of some of the current irrigation in area proposed to be Eco Zoned.

6.3 Outcomes from the Information Sessions

Two information sessions were held with nine (9) people. Attendees included representatives from the Dalkeith/Nedlands Tennis Club, and the P&C at Dalkeith Kindergarten. Two Councillors (Cr Hassell and Cr Argyle) were also in attendance. Issues discussed were as follows:

- Water**
- Water penetration into the soil
 - Harvesting water from roads, pathways etc. instead of letting it run into the Swan River
 - Drainage: Retro fitting drainage into the current road system

- Recycling of storm water and sewerage
 - Salinity levels now and in the future
- Irrigation**
- Clarification of methods
 - The areas to be watered
 - Techniques including fertilising
 - Greening strategies when irrigation is turned off
- Trees, grass and other plantings**
- Planting trees that need to be reticulated
 - Tree types being planted and the management of them
 - Planting drought tolerant species including ground covers
 - Grass types and the advantages
 - Salt tolerance
- Footpaths**
- Why concrete?
 - Accessibility requirements
 - Other construction types
 - Why they are positioned – separation of zones, improved amenity
- Other**
- Cost of works and time to undertake
 - Asset Replacement Program – how it works
 - Point Resolution Reserve Fire breaks, fire management and connection of pathways to David Cruickshank Reserve

From the information session, the following recommendations are to be considered:

- Extend each of the casual use turf to break up the edge of the reserve on Wattle Avenue and Beatrice Road.
- Include area adjacent to tennis court on Jutland Parade as Eco-zone with bollards.
- Eco-zone to specify mulch with nature planting.

7. CONCLUSION

The project involved identifying and interrogating a range of topics associated with the David Cruickshank Reserve precinct to develop and provide a strategic vision for the future use and development of the park. This project is the first master planning project for all parks precincts (67) in the City of Nedlands.

A range of topics, possible limitations and issues relevant to the David Cruickshank Reserve precinct were researched. Issues considered included the natural and built environment, water quality and conservation and climate change, along with accessibility, amenity, community use and ensuring the precinct is fit for purpose.

The project provided the community with:

- Information and the opportunities to provide feedback on the future management of the reserve and the priorities.
- An invitation to attend an Information sessions to understand the limitations and issues relevant to the David Cruickshank Reserve precinct.

The engagement outcomes will contribute to the development of the strategic vision for the park's future use in alignment with the current service levels and budgets.

The engagement was advertised for the period Friday, 7 April to Monday 8 May 2017 (32 days).

Advertisements were placed in The Post Newspaper and the Western Suburbs Weekly on four occasions along with an editorial in The Post Newspaper.

During the engagement period, the engagement page received 95 total visits to the site, who collectively viewed 264 pages. 80 of these visits viewed at least one page. There were 20 downloads of the documents and 14 visits to the FAQ page.

Only two (2) people completed the surveys.

The information sessions were attended by nine (9) people. The outcomes of these sessions included the following recommendations:

- Extend each of the casual use turf to break up the edge of the reserve on Wattle Avenue and Beatrice Road.
- Include area adjacent to tennis court on Jutland Parade as Eco-zone with bollards.
- Eco-zone to specify mulch with nature planting.

Four people provided feedback received on the engagement page which supported the master plan, particularly preserving the mature trees. Suggestions also included additional pathways along section(s) of Beatrice Avenue for safety of accessing and exiting the reserve, and connecting Point Resolution with David Cruickshank via Victoria Avenue/Beatrice Road. Parking changes were also suggested.