TOWN OF CLAREMONT

LAKE CLAREMONT ADVISORY COMMITTEE

NOTICE OF MEETING

A MEETING OF THE
LAKE CLAREMONT ADVISORY COMMITTEE
TO BE HELD IN THE TOWN OF CLAREMONT,
COUNCIL CHAMBERS, LEVEL 1,
308 STIRLING HIGHWAY, CLAREMONT
THURSDAY, 01 AUGUST 2019
COMMENCING AT 8.00AM

Andrew Smith
Acting Chief Executive Officer

Date 24-7-19

DISCLAIMER

Persons present at this meeting are cautioned against taking any action as a result of any Committee recommendations until such time as those recommendations have been considered by Council and the minutes of that Council meeting confirmed.

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LAKE CLAREMONT ADVISORY COMMITTEE

AGENDA

1 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

2 RECORD OF ATTENDANCE/APOLOGIES

3 DISCLOSURE OF INTERESTS

4 PRESENTATON

4.1 WATER QUALITY

A presentation on water quality by student researchers from UWA.

5 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

The Minutes of the Ordinary meeting of the Lake Claremont Advisory Committee, held on 02 May 2019 be confirmed.

6 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

The progress of Lake Claremont Action items from previous meetings will be tabled.

7 REPORTS OF THE CEO

7.1 LAKE CLAREMONT OPERATIONAL PLAN 2018-19 PROGRESS REPORT & LAKE CLAREMONT OPERATIONAL PLAN 2019-20

File No:	**PRK/00136-02**
Attachments:	Lake Claremont Operational Plan 2019-20
Responsible Officer:	**Andrew Smith** **Director - Infrastructure**
Author:	**Jared Bray** **Supervisor Parks and Environment**
Proposed Meeting Date:	**01 August 2019**

Purpose

The purpose of this report is to update the Lake Claremont Advisory Committee (LCAC) on tasks that have been completed in relation to the management of Lake Claremont and its surrounds.

Background

Activities which are identified in the Lake Claremont Operational Plan relating to the Lake Claremont Management Plan have been completed or are in planning for completion at the Lake Claremont precinct. These items are listed below:

- Turf Management
- Weed Management
- Litter Management
- Park Infrastructure
- Tree Management
- Vegetation Management
- Water and Soil Management
- Fauna Management
- Flora Management
- General Management
- Projects

Discussion

Turf Management

The parkland grass areas have coped well with the winter rains and storms and the growth rate has slowed which reduces the amount of clippings left behind.

Weed Management

Contractors have completed weed control for the months of May, June and July. The contractor will be installing some replacement plants in the areas near the living stream to replace some off target damage which occurred late last year. The contractor will also be completing a follow up spray of areas near Strickland Street to ensure adequate weed control.

The Town is currently reviewing its Weed Control tender, having previously advertised for this service in April 2019. Part of the areas under review within this tender are the dryland and wetland areas of the Lake.
Concerns are held with respect to the practical application of weed control spray in these areas, the experience of spray contractors as to the identification of weed and non-weeds on site, the prevalence of over spray and the need for wide ranging spray in much of the Lake reserve.

Initial discussions have been held with officers of FOLC and options are still under consideration in respect to how this might be able to be considered by Council.

It appears highly likely that there will be a proposal to decrease the use of Glyphosate, increase the use of alternate controls and start to implement mulching and planting out of areas that are currently sprayed also being considered as part of this process.

It is however unclear as to the best strategy at this stage to employ at the Lake, and if the Town should consider options, alternates, and priority areas as part of these discussions.

As part of this review of alternate weed control options, spraying of planting sites for the trees on the boundaries of the dog off lead exercise area is proposed to be undertaken through the use of a non-Glyphosate based product. Information in respect to the success of this product will be provided at the next meeting of the Committee.

Litter management
Town Officers have reported small amounts of litter being collected in the bushland and Parkland areas. The bin located at the bottom of the metal staircase has been reported to be filling regularly and the Town's health department have been informed of this and will review the service levels and if additional bins are required to be installed.

Park Infrastructure
Two new bench seats have been installed in the new dog off lead area. Town officers have also relocated a bench seat which was previously located in the planting area, to an area just north of Lakeway Street near the grass swale.

Tree Management
Path pruning has been undertaken by contractors along the paths which run past the living stream and the FOLC shed. A small Tuart located near the nature playground has also unfortunately failed.

Vegetation Management
Field Officers have been actively clearing the drains, which enter the Lake area, clearing overgrown vegetation, removing branches, leaves and litter.
Fungi mapping is currently being undertaken by the Bush Care Officer as the recent rains have provided optimal conditions for fungi to spawn.

Water and Soil Management
Lake levels have risen considerably due to the recent rains, with oxygen levels rising as a result. The trees which were planted along the old Stirling Road alignment are partially submerged and look to be growing well.

Fauna Management
Possible fox digs have been identified in the Lake Buffer near the Strickland Street cul-de-sac. Officers will be monitoring this site with a motion detecting camera to determine if the site is active.

This has also been reported to WESROC to note for the feral animal control program, for which funding has recently been approved and through which trapping will be completed in the coming months.

Flora Management
Planting around the FOLC shed has commenced with great success. Mulch will be relocated around the site to assist the bushland sites, providing ease of access.

The Bush Care Officer has completed minor hand weeding to assist the establishment of new seedlings and minor viewing corridor pruning has been completed. Two additional planting sessions have been arranged, with infill planting being completed in Ballaruk Bushland and the Alfred Road Woodland.

General Management
There have been two sewage leaks in close proximity to the Lake in the month of July. The Water Corporation attended on both occurrences and rectified the issue and clean up. Town Officers are awaiting a response as to the reasons for this and possible future management strategies for this problem.

Projects
Fencing surrounding the FOLC shed and the dog exercise area has been completed. A contractor will be completing grass control at the base of the fence in the coming weeks.

Trees to delineate the off lead dog area are scheduled for planting during August with the assistance of FOLC, along with the planting to border the edge of Mulder Park.

Mulching of various locations around the precinct has also been completed with more mulching piles being relocated in the coming weeks. Quotes to re-sheet the FOLC shed have also been obtained and are currently under review by the Town.

Site preparation for the 2020 planting site is proposed to commence in the coming months. This will include weed control of the site and spreading mulch. See site area below:

Proposed planting locations 2020

Past Resolutions

Ordinary Council Meeting held on 3 July 2018, Resolution 115/18 (in part):

> *That Council adopts the Lake Claremont Operational Plan 2018-19*
>
> *Recommends to Council its adoption of the Draft 2019-20 Lake Claremont Operational Plan.*

Financial and Staff Implications

Resource requirements are in accordance with existing budgetary allocation. The 2019-20 Operational Plan has been altered to better reflect staff resources available and how this capacity is being utilised.

Policy and Statutory Implications

There are no policy and statutory implications.

The following documents are relevant to the Lake Claremont area.

- Lake Claremont Management Plan 2016-21
- Lake Claremont Operational Plan 2018-19

Policy and Statutory Implications

There are no policy and statutory implications.

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- Lake Claremont Management Plan 2016-21
- Lake Claremont Operational Plan 2018-19

Communication / Consultation

Consultation to members of the community in respect to Lake Claremont has been undertaken via the Town of Claremont website www.claremont.wa.gov.au, the distribution and availability of Friends of Lake Claremont newsletters and Town Notice Boards located at Lake Claremont.

Strategic Community Plan

Liveability

We are an accessible community with well-maintained and managed assets. Our heritage is preserved for the enjoyment of the community.

- Provide clean, usable, attractive and accessible streetscapes and public spaces.

Environmental Sustainability

We are a leader in responsibly managing the built and natural environment for the enjoyment of the community and continue to demonstrate diligent environmental practices.

- Protect and conserve the natural flora and fauna of Lake Claremont and the Foreshore.

Urgency

None

Voting Requirements

Simple majority decision of Council required.

OFFICER RECOMMENDATION

That the Committee:

1. **Accepts the Lake Claremont Operational Plan 2019-20;**
2. **Supports the preparation of the 2020 planting site adjacent to Alfred Road, Claremont.**

8 FRIENDS OF LAKE CLAREMONT

Attachments:	**Friends of Lake Claremont Report (Attachment 1)**
Responsible Member:	**Nick Cook**
	Friends of Lake Claremont
Meeting Date:	**01 August 2019**

OFFICER RECOMMENDATION

That the Committee receives the Friends of Lake Claremont update for July 2019.

9 LAKE CLAREMONT BIRD CENSUS

10 COMMITTEE MEMBERS' MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

11 FUTURE MEETINGS OF COMMITTEE

Thursday, 7 November 2019

12 DECLARATION OF CLOSURE OF MEETING

LAKE CLAREMONT ADVISORY COMMITTEE

A T T A C H M E N T S

01 AUGUST 2019

6. REPORTS OF THE CEO

6.1 LAKE CLAREMONT OPERATIONAL PLAN 2018-19 PROGRESS REPORT & LAKE CLAREMONT OPERATIONAL PLAN 2019-20

ATTACHMENT 1 – LAKE CLAREMONT OPERATIONAL PLAN 2019-20

Pages 2

Lake Claremont Operational Plan 2019-20

Lake Claremont Maintanance and Capital Works Program (Updated 17 April 2019)

Activity	By Whom	Where	Frequncy per annum	July	August	September	October	November	December	January	February	March	April	May	June
Turf Management	**Various**														
Mowing non irrigated turf	Contractor	Stirling Rd Park	12												
Mowing irrigated turf	Contractor	Irrigated Turf Areas	26												
Broadleaf weed control	Contractor	Where Bindii present	1												
Fertilising and soil tests	Contractor	All Parks	1												
Reticulation inspections	Contractor & In House	Lake Claremont , Mulder and Stirling Road Parks	40												
Amend Irrigation Programs	In House	Lake Claremont , Mulder and Stirling Road Parks	As Required												
Bore Meter Reading	In House	Lake Claremont , Mulder and Stirling Road Parks	8												
Flow and pressure tests	Contractor	Lake Claremont , Mulder and Stirling Road Parks	1												
Weed Management	**Various**														
Wetland Areas weed control	Contractor	Lake Claremont Lake Bed	1												
Dryland Areas weed control	Contractor	Dryland natural areas	8												
Verge weed control program	Contractor	Alfred, Strickland, Lakeway verge	8												
Sumps weed control program	Contractor	Strickland Street	2												
Review Weed Control Program	In House	Everywhere	1												
Hand Weeding (Walking Weeders)	Volunteers	Dryland natural areas	52												
Hand Weeding (Adopt a spot)	Volunteers	Dryland natural areas	12												
Hand Weeding (Busy Bees)	Volunteers	Dryland natural areas	12												
Hand Weeding (Contactors)	Contractor	Dryland natural areas	8												
Weed Mapping	In house	Dryland natural areas	8												
Mulching	Contractor & Volunteers	Dryland natural areas	12												
Litter Management	**Various**														
Bin Collection	Contractor	All parks	52												
Bin cleaning program	Contractor	All parks	1												
Litter Clean Up	In House & Volunteers	All parks	52												
Dog poo bag replacement	In House	All parks	52												
Playground/Furniture Management	**Various**														
Playground weekly inspections	Contractor	Stirling Rd & Mulder Parks	52												
Playground softfall sieving	Contractor	Stirling Rd & Mulder Parks	4												
Playground annual audit	Contractor	Stirling Rd & Mulder Parks	1												
BBQ cleaning	Contractor	Stirling Rd & Mulder Parks	52												
Deck Oiling Program	Contractor	Bird Observation Platform and Lake Jetty	2												
Furniture Cleaning	Contractor	Stirling Rd & Mulder Parks	As Required												
Drink Fountains Filter Replacement	Contractor	Stirling Rd & Cresswell Park	2												
Asset condition audits	In House	All Parks	1												
Water/Soil Management	**Various**														
Water Sampling	Contractor	As per Water Sampling Plan	2												
Macroinvertebrate Sampling	Contractor	As per Water Sampling Plan	2												
Water & Invertebrate Report	Contractor	As per Water Sampling Plan	1												
Sediment Sampling & Reporting	Contractor	As per Sediment Sampling Plan	1												
Drain Outfall Inspections	In House	Before major rainfall events	6												
Erosion Prone Area Inspections	In House	After major rainfall events	6												
NIMP Plan Review	In House	Golf/Scotch/Cresswell	1												
Botulism inspections	In House	As required when water levels are low	4												
Monitoring of Water for Dissolved Oxygen	In House	As required when water level are low	4												
Service water probe	contractor	eco environmental	1												

Activity	By Whom	Where	Frequncy per annum	July	August	September	October	November	December	January	February	March	April	May	June
Tree/Vegetation Management	**Various**														
Significant Tree Inspections	Contractor	Ficus, Pines, Tuarts	1												
Tree inspections	In House	Everywhere	52												
Tree works	Contractor	Everywhere	As required												
Tree Planting	In House & Volunteers	As Identified	1												
Tree pruning	Contractor & In House	Everywhere	As Required												
Tree Treatments	Contractor	Bee Control, Caterpillar	2												
View Corridor Pruning	In House	Northern and Eastern Buffer Areas	4												
Maintain Fire Access Paths	Contractor & In House	Gloucester St & Alfred Road	1												
Park path clearing program	Contractor & Volunteers	All Parks	12												
Tubestock Planting	Volunteers	As per attached map	1												
Direct Seeding	Contractor	Trial in Ballaruk Bushland	1												
Fungi Mapping	In House	Everywhere	2												
Photopoint Monitoring	Volunteers	Agreed locations	1												
Update Species Planting Database	In House	Any planting lists	1												
Revegetation Fencing Inspections	In House	Everywhere	1												
Seed Collection	In House & Volunteers	As required for revegetation	2												
Finalise Planting areas for two seasons	In House & Volunteers	Operational Plan	1												
Fauna Management	**Various**														
Bush Bird Box Inspections	In House	As per map	1												
Bat Box Inspections	In House	As per map	1												
Duck Box Inspections	In house	As per map	1												
Duck Floating Nest Installation	Volunteers	In lake bed	1												
Bird Counts	Volunteers	Everywhere	4												
Feral Animal Monitoring	In House	Everywhere	52												
Update seasonal Signage	In House	Swans, Turtles, Snakes, etc	4												
General Management	**Various**														
Update Noticeboard	In House	Lapsley Road Playground & Cresswell Park	12												
Prepare Reports	In House	Office	4												
Prepare Agenda	In House	Office	6												
Preparing Volunteer Work Program	In House	Office	2												
Updating FOLC Communication Book	In House & Volunteers	FOLC Shed	26												
Fungi Identification	In house	Everywhere	7												
Quill item	In house	Office	8												
Update Chemical Quantities Database	Inhouse	Office	after each service												
Suitable Plant Species Liaison for Planting Areas	Inhouse & Volunteers	Office	2												
Preparation of Procedures	Inhouse	Office	2												
Preparation of Task list for Field Officer	Inhouse	Office	12												
Spot checks on Contractors- PPE/ Signage/Conditions	Inhouse	Everywhere	4												
Training	Inhouse	Office	2												
Capital Works Program	**Various**														
Revegetation fencing	Contractor	Planting Sites	1												
Limestone Path Repairs (as required)	Contractor	As per map	2												
Tamarix Removals and preparation for Revegetation	Contractor	FOLC Shed	1												

7. FRIENDS OF LAKE CLAREMONT

ATTACHMENT 1 –
FRIENDS OF LAKE CLAREMONT REPORT
(JULY 2019)

Pages 2

Friends of Lake Claremont Ltd. Quarterly Update: July 2019

Progress - Current Grant Projects

Current grant relates to manual weed control (SALP grant $14,400). Contractor has been engaged by FOLC and commenced work on 19th July. GreenSkills will provide a team of 3, 1 day a week for 15 weeks. FOLC and TOC will monitor works weekly.

FOLC Board has approved expenditure of $9,894 to purchase 5000 native tube stock for the 2019 planting site. These funds have been raised by FOLC independent of any grants. Planting has commenced with 2500 plants installed. 2500 to be planted in July on National Tree Day. We are expecting over 100 volunteers for this event.

FOLC have recently been offered a $2000 grant from Planet Ark to purchase plants for our National Tree Day event. These funds will purchase an additional 944 native tube stock as well as an allowance for the purchase of planting tools. These additional plants have been approved by TOC Administration.

FOLC will have CVA volunteers onsite for 2 days in August. 1 day is the last of the RealEstate.com grant, the second day is a free day sponsored by CVA.

FOLC sponsored Native Bee survey

FOLC have engaged the services of Native Bee scientist Kit Prendergast to do a survey of the Native Bee population at Lake Claremont. Kit is a Native Bee scientist, conservation Biologist and Zoologist. She is a PhD researcher at Curtin University and a Forrest Scholar. The survey will cost approximately $2400. This cost will be met by FOLC, the funds are not related to any grant funding.

Grant Applications

FOLC have applied for a $20,000 grant from SALP for plants in 2020.

Recurring Projects on the Ground

FOLC Busy Bee – 2nd Sunday of the Month: Attendance approx. 20
Year 10 Community Service Program: Most Friday afternoons Feb. – Oct. with Scotch College and Christ Church Grammar School. Bird nesting platforms (as requested via LCAC) are complete and installed in Lake. Students have done a great job of preparing our planting site. Students have built and installed 4 bird nesting platforms.
Adopt a Spot: Individuals adopt a kitchen sized plot of the park to keep rubbish and weed free all year. The program continues to attract new recruits
Friday Morning Weeding Group: Continuing manual weed control. The Bushy Starwort on the lake bed appears to be under control this year after significant efforts over recent years. Weeds are now emerging after solid rains.
Planting; volunteers planted 10 x flooded gum and 10 x paper bark in the lake bed as approved by TOC.
FOLC/TOC collaboration; FOLC and TOC continue to discuss framework for future collaboration.

Current membership number: 181+

FOLC Events

July 31 Perth NRM Corporate Day- Bankwest; FOLC will run this event for approx. 15-20 volunteers. The volunteers will do hand weeding and bushfire fuel load reduction work. Iva Hayward-Jackson will be giving a Welcome to Country.

August 1 VWA Corporate Day- Woodside Petroleum; FOLC will run this event for approx.. 20 volunteers. The volunteers will do hand weeding and bushfire fuel load reduction work.

Night Chats at the Lake – Monthly talks (4th Tuesday every month). The event is proving popular. Calibre of speakers has been very good. Due to increasing popularity we have had to move to a larger venue. We are now at the Claremont Tennis Club.

Guided Walks:

National Volunteer Week; Folc held a lunch in the park with approx. 50 volunteers attending. This was funded by a $1000 grant with FOLC funding the balance.

Publicity

FOLC Newsletter: Circulated to Committee members
Newspaper Articles:
Website: www.friendsoflakeclaremont.org Recently upgraded to handle online membership renewals.
FaceBook: 1020+ followers

Fundraising

Other Business

Celebrate Lake Claremont Day- FOLC have had a planning meeting with TOC Administration

Meetings with TOC: operational meetings between TOC and FOLC will now be twice yearly.

Changes to FOLC Board; Claire Brittain has retired. Lance Bannister Jones has joined the Board and acts as Treasurer and Company Secretary. Nick Cook has been elected Chairman and Zac Hardisty deputy Chairman. Jenni Bannister Jones has taken on the role of Grants Officer.

Approach from UWA students- FOLC have been approached by 2 students from UWA. (1 Masters, 1 PhD) their area of expertise is water quality. FOLC reps had a site meeting with the students mid-July. We believe there is a possibility of collaboration between FOLC, TOC and UWA. I hope to introduce them to the committee for an informal discussion.

Public Art at Lake Claremont- We have had discussions with Liz Ledger regarding the installation of a mural at the FOLC shed.