## **KNOX CITY COUNCIL**

# ELECTRIC LINE CLEARANCE

## **MANAGEMENT PLAN**

2024 - 2025

(In accordance with Electric Line Clearance Regulations 2020)

Version: 8.0

KX Reference:

Authorised By: Grant Thorne - Director of Engineering and Infrastructure

Signature:

Date Amended: 1st April 2024



### **Table of Contents**

Table of Contents	
9 (2)	
9(3)(a)	
9(3)(b)	
9(3)(c) Error! Bookma	
9(3)(d)	
9(3)(e)	
9(3)(f)	
9(3)(g)	
9(3)(h)	
9(3)(j)	
9(3)(k)	
9(3)(l)(i)	
9(3)(m)	
9(3)(n)	
9(3)(0)	
9(3)(p)	
9(3)(q)	
9(4)	
10(5)(a)	
10(5)(b)	
11(6)(a)	
11(6)(b)	
(4)	
(5)	
(6)	
(7)	
(8)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(19)	
(20)	
(31)	
(32)	
APPENDIX A	
APPENDIX B	
APPENDIX C	
APPENDIX D	
	36
APPENDIX F	
APPENDIX G	
APPENDIX H	
APPENDIX I	
APPENDIX J	
APPENDIX K	
APPENDIX L	
APPENDIX M	
APPENDIX N	
APPENDIX O	
APPENDIX P	
APPENDIX Q	60

#### 9 (2)

### Electric Line Clearance Management Plan 2021/2022 Submitted By:

Name: Knox City Council

Date: March 2024

The current plan will be available on the Knox City Council website on the 1<sup>st</sup> April every year. In addition, a hard copy is available by contacting Council's Customer Service Team on 9298 8000, the plan will be sent within 14 days of the request.

The following sections are as per Regulation 9(3) (Management Plans) of the Electricity Safety (Electric Line Clearance) Regulations 2020.

#### 9(3) (a)

#### Name, address and Telephone Number of the Responsible Person

Name: Knox City Council

Address: 511 Burwood Highway, Wantirna South, 3152

Telephone No. (03) 9298 8000

Facsimile No.: (03) 9800 3096

Chief Executive Officer Bruce Dobson

#### 9(3) (b)

Name, Position, Address and Telephone Number of the Person who was responsible for the Preparation of the Plan.

Name: Grant Thorne

Position: Director of Engineering and Infrastructure

Business Address: 511 Burwood Highway, Wantirna South, 3152

Telephone No.: (03) 9298 8100

Facsimile No: (03) 9800 3096

Email Address: Grant.thorne@knox.vic.gov.au

9(3) (c)

Name, position, address and telephone number of the persons who are responsible for carrying out the plan.

Name: Sam Jones

Position: Coordinator Urban Forest and City Presentation

Business Address: 102 Lewis Road, Wantirna South 3152

Telephone No.: (03) 9298 8430

Facsimile No.: (03) 9800 3214

Email Address: Sam.Jones@knox.vic.gov.au

9(3) (d)

The telephone number of a person who can be contacted in an emergency that requires clearance of an electric line that the responsible person is required to keep clear of trees or parts of trees.

#### **Business Hours**

Name: **Teri Hawke** (Project Officer - Trees)

EMERGENCY TELEPHONE No: 9298 8013 or 0419887822

After hours

Name: After Hours Duty Officer

EMERGENCY TELEPHONE No: 9298 8000 or 041880516

9(3) (e)

#### The objectives of the management plan

The following are identified as the key objectives of this plan in fulfilling our stated mission and the duties set out in the Electricity Safety (Electric Line Clearance) Regulations 2020.

- 1 Compliance with the Electricity Safety (Electric Line Clearance) Regulations 2020. This is achieved by preparing a management plan relating to compliance with the Regulations for the next financial year on or before 31 March each year. This would include supplying a copy of the management plan to ESV on request within 14 days.
- 2 Ensure Electrical Safety of the public and those undertaking any work associated with vegetation clearance of overhead electric lines by continually improving safe working practices and procedures, with a view to reducing staff exposure to related risks.
- 3 Minimise potential fire starts as a result of vegetation contact with powerlines by maintaining statutory clearances as per Electric Line Clearance Regulations 2020.
- 4 Ensuring that vegetation does not adversely affect the reasonable continuity of electricity supply provided to the community, by conducting biennial inspections of all trees close to power lines within the declared area and annual inspections of all trees close to power lines within the HBRA declared area.
- 5 Provision of a safe working place for employees and contractors.
- 6 Management of vegetation to maximise the environment, biodiversity and amenity value of the Council's trees.
- 7 Protection of areas with important vegetation which may be deemed as such on the basis of those areas containing botanically, historically or culturally important vegetation or vegetation of outstanding aesthetic or ecological significance, and/or the habitat of rare or endangered species; achieved by managing the tree population in accordance with Knox City Council Policy and procedure.
- 8 Community satisfaction with the manner in which the necessary works area carried out.

#### Implementation of the plan objectives:

Objective 1 – 8 will be implemented (i.e. KPI's) as per the tender conditions in Contract 2967 – Pruning and General Arboriculture Services. In addition, Council have a proactive and reactive inspection program as described in Council's <u>Street Tree Assessment Management Plan</u> – available on the Knox City Council website.

#### 9(3) (f)

## The land to which the management plan applies by the inclusion of a map:

This Management Plan applies to all trees on land managed by Knox City Council (Appendix A). The Predominant category of trees subject to the plan is suburban street trees of a mixture of indigenous, native and exotic.

- There are approximately 72,000 street trees.
- These trees are located in 2460 streets covering 770 kilometres.

This plan is not applicable to trees located on private property and State or Federal Government land. The area of Knox to be included in this year's contract pruning program 2024-2025 can be seen in appendix D.

High Bushfire Risk Areas (HBRA) sites within Knox can be seen in appendix A. This GIS layer is updated/checked annually by council's GIS Department in conjunction with the CFA.

The GIS layer in appendix A can be accessed on Councils GIS system and is available to all Council staff.

### 9(3) (g)

The location of each area that the responsible person knows contains a tree that the responsible person may need to cut or remove to ensure compliance with the Code and that is:

#### (i) Native

The tree population within the area to which the plan applies is a mixture of street trees planted on nature strips and parks/reserves with a variety of native, indigenous and exotic species. For the purpose of this plan the origin of these species are defined as follows:

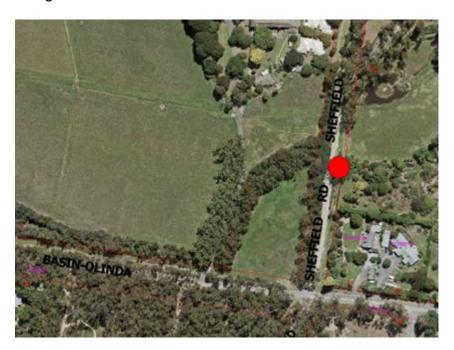
- Exotic, the tree originates from outside Australia
- Native, the tree originates from within Australia
- Indigenous, the tree originates from within the boundary of the City of Knox

With regard to the street tree population, Council has a GIS street tree layer containing attributes such as Genus and Species – the fields required to determine the origin of a species. The layer has also been provided to Active Tree Services ("ATS") – Council's line clearance contractors, to store on their database. In addition to Council's Tree Planting Palette, which contains a list of trees with indigenous origin.

With regard to road reserve and parklands, the location of trees of indigenous origin and significance has been identified in Council's 'Sites of Significance in Knox' publication, which has also been made available to Council's line clearing contractors.

## (ii) Listed in a planning scheme to be of ecological, historical or aesthetic significance.

There is currently one significant (State) tree that is in proximity to powerlines (low voltage). The tree (*Quercus robur*) is located in a road reserve in Sheffield Road, The Basin (see Appendix F) - the tree is listed on <u>National Trust Register</u>. This tree will be stored in the contractor's database as a tree of significance.



#### (iii) A tree of cultural or environmental significance

Trees of environmental signification have been addressed in (i) in the context of indigenous trees. With regard to cultural significance there are a number of aboriginal sites throughout the municipality. The actual locations of individual trees cannot be identified due to cultural awareness of the aboriginal community; however, the general location is corner of Wellington Road and Stud Road, Rowville. This information is also stored on ATS database to aid in identification.

#### 9(3) (h)

The means which the responsible person is required to use to identify a tree specified in paragraph (g);

Primarily trees referred to in 9(3)(g) that are affected by the Plan are identified via the methods above – shared street tree GIS layer in conjunction with Council's Green Streets Policy, Site of Biological Significance publication and planning scheme overlays within the Knox City Council Planning Scheme.

With regard to tree identification the following is noted:

- Indigenous trees via GIS layer in conjunction with Council's Tree Planting Palette and Site of Biological Significance publication;
- Planning Scheme overlays provided to ATS via GIS layer see Appendix B;
- Culturally significant trees are classed in accord with the <u>Aboriginal</u> <u>Heritage Register</u> which can accessed by members of the public via an application process;
- Historical, cultural, aesthetic significant trees via the <u>National Trust</u> website, accessible to member of the public;
- Flora or a habitat of fauna listed as threatened in accordance with section 10 of the Flora and Fauna Guarantee Act 1988; or
- Flora listed in the Threatened Flora List with a conservation status in Victoria of "endangered" or "vulnerable"; or
- A habitat of fauna which is listed in the Threatened Invertebrate Fauna List with a conservation status in Victoria of "vulnerable", "endangered" or "critically endangered".

The trees identified in the above Acts, Lists or Registers are reviewed at least once every 12 months by Council to ensure their accuracy.

Additionally, Council will identify the location of further vegetation as specified in section (g) of the Plan through review of the Heritage Register, Victorian Aboriginal Heritage Register, Threatened Flora List, Threatened Invertebrate Fauna List and Threatened Vertebrate Fauna List.

With regard to identifying habitat trees, Council's contractor inspects each tree for signs of active habitation. If there are signs of habitation, the tree is identified as a habitat tree in the contractor's database. Given that trees within the declared area are mostly in residential streets it is unlikely that there will be a large number of spans falling into this category.

Once spans over 45m are identified, the inspector will inspect these sites separately and apply the following rules:

Non-Significant Vegetation
 Council will apply the maximum additional clearance for the specified
 voltage and fire risk area.

#### 2. Significant Vegetation

Where significant vegetation exists Council may choose to use the calculations specified in the 2020 Electrical Line Clearance Regulations.

The additional clearance requirements for each tree will be identifiable by the job type. Works falling into this category are to be logged as "Wire Clearance – 45m+ Span" by the inspector. This will identify the additional pruning requirements to pruning teams on a case by case basis. In these instances, the Sag and Sway Table located in Appendix G shall be used to calculate the appropriate distance for lines greater than 45m and up to 100m.

If there are issues with the above process or clearance cannot be maintained or the line exceeds 100m the DB's and or Railway suppliers will be contacted to ensure specific sag and sway allowances are made.

The relevant contacts are as follows:

#### **UNITED ENERGY**

Contact Name: Jason Craig

Position: Vegetation Liaison Officer
Phone Number: 0402386940 or (03) 8846 9709
Email: JCraig@powercor.com.au

#### **AUSNET**

Contact Name: Spencer Few

Position: ORP Liaison Officer

Phone Number: 0439 563 262 or (03) 9238 6353 Email: spencer.few@ausnetservices.com.au

#### **METRO TRAINS**

Contact Name: Katrina Lewis

Position: Tree Clearing & Conformance Officer

Phone Number: 1800 800 007

Email: metrocustomer.feedback@metrotrains.com.au

Appendix C highlights the Distributions Companies areas throughout Knox.

9(3) (j)

The procedures to be adopted if it is not practicable to comply with the requirements of AS 4373 while cutting a tree in accordance with the code;

To ensure the latest version of *AS4373 - 2007 Pruning of amenity Trees* is being referenced, Council has a subscriptions to the SAI Global standard association. Notifications of new or amended standards are forwarded to the organisations when they are released.

Council's objective is that both internal and external staff prune in accord with AS4373 - 2007 Pruning of amenity Trees as far a reasonably practicable when undertaking pruning activities to clear vegetation from electrical assets.

'Reasonably practicably' in relation to AS4373 - 2007 Pruning of amenity Trees means that which is, or was at a particular time, reasonably able to be done in relation to ensuring continued tree health and future tree safety, taking into account and weighing up all relevant matters including:

- (a) The likelihood of the hazard or the risk concerned occurring will the action create a defect, hazard, loss of tree health or aesthetic value in the present or future.
- (b) The degree of harm that might result from the hazard or the risk what will the impact be on the tree or future safety of the public.
- (c) What the person concerned knows, or ought reasonably to know about:
  - (i) The hazard or the risk must have adequate knowledge to determine the hazards risks
  - (ii) Ways of eliminating or minimising the risk must have adequate knowledge in relation to alternative measures.
- (d) The availability and suitability of ways to eliminate or minimise the risk – are other resources or techniques available to complete works to the standard.
- (e) After assessing the extent of the risk and the available ways of eliminating or minimising the risk, the cost associated with available ways of eliminating or minimising the risk, including whether the cost is grossly disproportionate to the risk – does the cost required to complete works to the standard grossly outweigh the value of the tree.

Contractors completing pruning works are required to follow Pruning procedure guidelines outlined in AS 4373- 2007 Pruning of amenity Trees section 5.

- 1.1 Equipment Contractors completing pruning works are required to select the appropriate plant and equipment in order to complete works
- 1.2 Disinfection Where there is a risk of the spread of disease from one tree to another, pruning tools shall be disinfected between trees.
- 1.3 Pre-cutting To avoid splitting or tearing of the branch collar or trunk, branches should be pre-cut or undercut.
- 1.4 Final Cuts
  - a. Final cut shall be made as close as possible to the branch collar without cutting into the branch collar or leaving protruding stub.
  - b. In the absence of a visible collar, the branch bark ridge shall be used to determine the angle of the cut when removing a branch.
  - c. When removing codominant stem, the stem bark ridge shall be used to determine the angle of cut.
  - d. When making reduction cuts, the branch bark ridge shall be used as a guide to the angle & position of the final cut.
  - e. Bark at the edge of all final cuts shall remain firmly attached.

Contractors when completing pruning works must remove the minimum necessary to achieve the aim of the pruning as far as reasonably practicable, which includes removing no more than 30% of foliage & not removing large structural branches.

Where this cannot be achieved, the site or trees are to be referred to Council's Proactive Arborist or Project Officer-Trees to make an assessment on whether or not it is reasonably practicable to deviate from *AS4373 – 2007 Pruning of amenity trees*.

Council ensures staff are appropriately trained and are aware of the principles of AS4373 – 2007 Pruning of amenity trees by:

- Providing access to the document at the worksite.
- Referencing the standard in its internal procedures.
- Referencing the standard in tender documents for contractors.
- Ensuring internal staff and contractors are trained or are supervised by persons with Arboriculture or ESI certificate level training.

Where pruning to achieve clearance will not allow compliance with AS - 4373 2007 Pruning of amenity trees or Councils Road Management Plan, Knox may elect to:

- Increase the pruning frequency to minimise the required pruning.
- Remove scaffold/ parent limbs initially to minimise future required pruning.
- Remove trees where the resulting pruning would leave trees unsuitable for retention.

Where the above situations occur, the Proactive Arborist is notified. Where trees are to be removed, the affected resident is contacted either in person or by a written notification card.

To verify that appropriate cutting standards are being achieved, Council has implemented a quality auditing process. The audit has both a numerical measure as well as comments about specific issues. The following is considered: quality of cuts, appropriateness of pruning, clearance requirements and post site clean-up are reviewed (see Appendix H for the audit template). Audits are undertaken by Council arborists during the course of and after completion of set works on both internal teams and contractors.

Where pruning does not meet the requirements teams may be required to return to sites to rectify works or be provided instruction about future improvements this is also provided to the contractor in the form of a reworks audit. The reworks audit is issued once the Proactive Arborist has inspected all trees within the allocated zone for compliance.

All decisions made will have due regard to the Knox City Council Sustainable City Plan, the Significant Vegetation to Road Sites Strategy and Council's Streetscape Policy, these can be found at <a href="https://www.knox.vic.gov.au">www.knox.vic.gov.au</a>

9(3)(k)

A description of each alternative compliance mechanism in respect of which the responsible person has applied, or proposes to apply, for approval under clause 31 of the code

Knox City Council has not applied for any alternative compliance mechanisms from Energy Safe Victoria to date. Where required, Council may investigate the use of alternative compliance mechanisms to protect mature vegetation that is unable to be pruned to comply with the Code of Practice.

Alternative compliance mechanisms that may be considered may include but are not limited to:

- Aerial Bundling of cable.
- Redirection of existing powerlines.
- Installation of spreaders.
- Undergrounding of existing powerlines.

Any tree identified as requiring an alternative compliance mechanism will be managed with a clear, documented and sound justification to support the application to Energy Safe Victoria. Mechanisms will only be requested following a full investigation of all options that may be available to ensure compliance.

9(3) (l)

### The details of each approval for an alternative compliance mechanism that

- (i) The responsible person holds; and
- (ii) is in effect.

At present Knox Council has not applied for any alternative compliance mechanisms.

#### 9(3) (m)

## A description of the measures that must be used to assess the performance of the responsible person under the management plan;

Knox Council has a number of internal systems in place to monitor the progress of inspection and clearance schedules including:

- Mapping the inspection and pruning program against the zone maintenance progress.
- 100% post works auditing and issuing of reworks upon zone completion.
- Customer feedback and levels of customer requests relating to powerlines.

External systems such as audits from local DB's in relation to non-compliance sites and outages are not regularly received however are now tracked and entered into Council internal database system.

Utilising historical data, a range of benchmarks for intervention of non-compliance has been established.

For internal audits, the supervising officer undertakes an audit of all streets within the submitted completed zone. This audit covers both powerline clearance and quality of works to AS4373 – 2007 Pruning of amenity trees and ensures all trees are pruned to Council specifications. Trees identified as not meeting council specifications are logged on Council's asset management system and shared with ATS for rectification as reworks. See appendix J

Performance procedures relating to keeping vegetation clear of powerlines are identified in sections (e) to (i) of this Management Plan.

#### 9(3)(n)

## Details of the audit processes that must be used to determine the responsible person's compliance with the Code

Knox City Council undertakes regular audits of ATS as well as a final 100% compliance audit at the completion of the nominated zones. ATS also undertakes its own internal auditing during pruning as well as at completion of the nominated zones.

The Project Officer-Trees oversees the auditing cycle with the Proactive Arborist. The Proactive Arborist conducts monthly audits of ATS during pruning and is also responsible for the final end of zone completion audit.

There are 3 types of audits currently utilised by Knox City Council.

- Safety Audits Are used to ensure correct OH&S onsite and to ensure correct traffic/pedestrian control is being used as well as appropriate controls are in place for powerline tree trimming – see Appendix I.
- Quality Audits Are used to ensure tree trimming is performed as per AS -4373 2007 Pruning of amenity trees as well as items such as site clean-up - see Appendix H.
- End of Zone Compliance Audits Are used to record quality at the completion of the nominated zone. Council arborists inspects the entire zone and log any works not undertaken to be completed as reworks - see Appendix J.

Items identified during auditing are actioned as follows:

- 1. Non-compliance identified.
- 2. Reworks plotted onto Council Asset system.
- **3.** Reworks occur within 14 days.
- **4.** Project Officer-Trees & Proactive Arborist follows up with ATS staff for progress/tracking. Updates are also provided and logged during monthly meetings and monthly reports completed by ATS.
- **5.** Closure occurs when notification from ATS confirms all jobs have been done. Another compliance audit is then undertaken by the Proactive Arborist to confirm works have been completed.

The Project Officer-Trees oversees the auditing undertaken by the team and discusses any noncompliance or improvement with ATS. All audits are saved in Knox City Councils contract database. Results from these auditing categories are used to improve safety of team and quality of works completed. Audit results are discussed at team meetings and monthly meetings with internal staff and contractors.

#### 9(3) (o)

The qualifications and experience that the responsible person must require of the persons who are to carry out the cutting or removal of trees.

Employees conducting inspections, cutting or removal of trees are required to hold or provide proof that they are enrolled in an approved course for the following qualifications but not limited too:

#### **Grounds Person**

Certificate 2 - ESI in Powerline Vegetation Control.

#### Tree Cutter / Pruner

- Certificate 2 ESI in Powerline Vegetation Control.
- Minimum Certificate 3 Horticulture / Arboriculture.

#### Inspector

- Certificate II ESI in Powerline Vegetation Control.
- Minimum Certificate III Horticulture / Arboriculture inc. perform a groundbased tree defect evaluation unit of competency, or an equivalent qualification.
- UETTDRVC24A Assess vegetation and recommend control measures in an ESI environment or equivalent if not included in the above.
- 5 years industry experience.

The Certificate 2 ESI covers many aspects of the required training such as Chainsaw use, OH&S principles, First Aid, pruning techniques and EWP licences. Additional staff may be required to hold training in:

- Traffic management.
- Chipper operation/induction.
- Chemical application (A.C.U.P or similar).
- Tree Climbing.

All electrical Line Clearance crews are acting as "Authorised persons" as indicated in the Electrical Safety Regulations 2009r. 318 and r.319. An Authorised Person has undertaken appropriate Safe approach distance training and is aware of limitations when working around powerlines as per the Blue Book.

### 9(3) (p)

Notification and consultation procedures, including the form of the notice to be given in accordance with Division 3 of Part 2 of the Code:

Covered in schedules 15, 16, 17 &18 of the Code

For an example of social media article, please see - Appendix O.

#### 9(3)(q)

#### **Dispute resolution procedures**

If a dispute arises during the process of consultation/negotiation between affected land owners and the Council, regarding proposed clearing/pruning/alternative construction activities, it shall be resolved in accordance with <a href="Council's Complaint Procedure">Council's Complaint Procedure</a> and council's internal Customer Complaint Handling Procedure (see Appendix P).

The person responsible for resolving official disputes between Council and members of the public relating to the issues discussed in the Plan is:

Teri Hawke, Phone (03) 9298 8013 Project Officer – Trees, Knox City Council, 102 Lewis Road Wantirna South 3152

If the dispute cannot be resolved directly with Council the person making the complaint will be referred to the Ombudsman's Office for further information and advice <a href="https://www.ombudsman.vic.gov.au">www.ombudsman.vic.gov.au</a>. WATER AND ENERGY OMBUDSMAN DETAIL

Notwithstanding the nature of the dispute and the need to resolve the dispute in accordance with Council's Complaint Procedure, Council's duty to maintain the clearance space in accordance with the Plan shall not be compromised.

#### 9(4)

A method for determining an additional distance that allows for cable sag and sway may provide for different additional distances to be determined for different parts of a span of an electric line.

Covered under regulation 9(3)(i)(ii)

#### 10(5) (a)

A responsible person must ensure that a copy of the management plan is: published on the responsible person's Internet site

This ELCMP will be published on the public notices page on the Knox website www.knox.vic.gov.au .

The process to which the ELCMP will be updated on the website each year is listed below:

- 1. Draft of the new plan completed.
- 2. Draft sent to Coordinator Urban Forest and City Presentation.
- 3. Amendments made as required.
- 4. Draft sent to Director of Engineering & Infrastructure and Manager Operations for review.
- 5. Amendments made as required.
- 6. Send amended plan to Director for approval.
- 7. After plan is approved, send to Public Relations department for publication to website, 5 working days before end of March.

The Project Officer-Trees is responsible for the process of drafting, submitting to the Coordinator Urban Forest and City Presentation who will then submit to the Director and coordinating publishing on the website. The website publication will be initiated at the time of making hard copies.

#### 10(5) (b)

A responsible person must ensure that a copy of the management plan is: Available for inspection at the responsible person's principal office in the State during normal business hours

The plan is available for viewing at Knox City Council Operations centre, 14 Henderson Road Scoresby between the hours of 7am – 4pm.

To view the plan an appointment should be made by contacting the Project Officer Trees via customer service BH 9298-8000. After an appointment is made, a meeting room can be booked for viewing the plan.

To ensure that the most up to date copy is available, the following controls are put in place:

- 1. After approval to publish the plan is given, all existing hard copies are destroyed keeping the electronic copies for 5 years.
- 2. A hard copy of the new plan is then created and filed.
- 3. The updated plan has currency and revision dates printed on the cover.

After approval to publish the plan is given by the director, all publications are then initiated by the Project Officer - Trees and stored ready for viewing.

#### 11(6) (a)

A responsible person who receives an exemption must ensure that a copy of the exemption is- published on the responsible person's internet site.

To date Knox has not applied for or received an exemption.

### 11(6) (b)

A responsible person who receives an exemption must ensure that a copy of the exemption is - available for inspection at the responsible person's principal office in the State during normal business hours.

To date Knox City Council has not applied for or received an exemption

#### PART 2

#### **Clearance Responsibilities**

#### Division 1 - Roles of responsible person

**(4)** 

Exception to minimum clearance space for structural branches around insulated low voltage eclectic lines.

Council plans to apply exceptions on certain trees under this section of the management plan. It is to be used in situations where existing tree branches meeting the criteria are within the clearance space and it is not reasonably practical to prune these branches. The branches in this situation pose an acceptable level of risk, within set criteria.

This process is to be managed by the Project Officer-Trees and involves information and input from the inspector contracted to provide the planned electric Line clearance program (ATS). As previously stated, Knox has committed to annual inspection of all tree assets within the vicinity of HV electrical conductors or located in HBRA areas and biennial inspection of all tree assets within the vicinity of LV electrical conductors through its Electric Line Clearance program. Records of these inspections are recorded within ATS' electronic database and on councils Lifecycle System. The inspection shall identify trees meeting the aforementioned exception by the following process.

- 1. Inspection completed by appropriately qualified inspector.
- 2. The tree is assessed to see if the works require removal of branches greater than 300mm to achieve required clearances.
- 3. The tree is assessed to consider weather removal of these limbs would affect the structure, health or amenity of the tree.
- 4. If removal of limbs meeting these criteria is not achievable then the tree shall be recorded in the database. This is completed by selecting "YES" in the field named "Structural branches within clearance space". Trees not meeting these criteria in this field defaults to "NO".
- 5. The voltage or cable type is recorded in the "WIRES" field.
- 6. A health & risk assessment is complete on the tree along with any additional comments and recorded within the database.

Collection of this information allows specific trees to be identified, by species and location. The qualifying branch size, reduced clearance and risk assessment identifies trees which don't meet the required clearances however pose a low or acceptable level of risk given:

• Branches greater than 300mm typically have low or no movement and can represent a large proportion of an existing tree.

 Cables are insulated which reduces the risk of issues associated with contact with vegetation.

It should be noted that where branches greater than 300mm exist however can be pruned or removed to code without adversely affecting tree health or structure or amenity value then this option should override the exception.

**(5)** 

### Exception to minimum clearance space for small branches around insulated low voltage electric lines.

Knox City Council does not currently wish to apply exceptions to this section of the plan. Small branches <10mm found to be within the clearance space during inspection or where raised reactively shall be pruned to regulation clearances.

Knox City Council may apply exceptions on certain trees under this section of the management plan. It is to be used in situations where tree species, age or pruning technique make unacceptable growth within clearance space unlikely within the pruning timeframes.

This process is to be managed by the Project Officer-Trees and involves information and input from the inspector contracted to provide the planned electric line clearance program (ATS). As previously stated, Knox has committed to annual inspection of all tree assets within the vicinity of HV electrical conductors or located in HBRA areas and bi-annual inspection of all tree assets within the vicinity of LV electrical through its Electric Line Clearance program. The following processes are implemented: Records of inspections are recorded within an ATS' electronic database and Councils Lifecycle Program. The inspection shall identify trees meeting the aforementioned exception by the following process.

**(6)** 

## Exception to minimum clearance for structural branches around uninsulated low voltage electric lines in low bushfire risk areas

Knox City Council plans to apply exceptions on certain trees under this section of the management plan. It is to be used in situations where existing tree branches meeting the criteria are within the clearance space and it is not reasonably practical to prune these branches. The branches in this situation pose an acceptable level of risk, within set criteria.

This process is to be managed by the Project Officer-Trees and involves information and input from the inspector contracted to provide the planned electric line clearance program (ATS). As previously stated, Knox has committed to annual inspection of all tree assets within the vicinity of HV electrical conductors or located in HBRA areas and bi-annual inspection of all

tree assets within the vicinity of LV electrical through its Electric Line Clearance program. The following processes are implemented: Records of inspections are recorded within an ATS' electronic database and Councils Lifecycle Program. The inspection shall identify trees meeting the aforementioned exception by the following process.

- 1. Inspection completed by appropriately qualified inspector.
- 2. The tree is assessed to see if the works require removal of branches greater than 300mm, where the resulting clearance from uninsulated LV is no more than 500mm inside the minimum clearance space.
- 3. The tree is also assessed to consider weather removal of these limbs would affect the structure, health or amenity of the tree.
- 4. If removal of limbs meeting these criteria is not achievable then the tree shall be recorded in the database. This is completed by selecting "YES" in the field named "Structural branches within clearance space". Trees not meeting these criteria in this field defaults to "NO".
- 5. The voltage or cable type is recorded in the "WIRES" field.
- The number of spreaders in the span is to be listed in the comments field of the database to ensure the correct amount of spreaders are fitted to the span.
- 7. A health & risk assessment is complete on the tree along with any additional comments and recorded within the database.

Note: The vast majority of the declared area is identified as LBRA and the sections of HBRA are audited on a specific program. As these exceptions do not apply in HBRA areas it is assumed that all trees identified to have branches within the clearance space are within the LBRA area.

Collection of this information allows specific trees to be identified, by species, size and location. The qualifying branch size, reduced clearance and risk assessment identifies trees which don't meet the required clearances however pose a low or acceptable level of risk given:

- Branches greater than 300mm typically have low or no movement and can represent a large proportion of an existing tree.
- Low voltage electric lines have a lower risk of issues associated with contact with vegetation especially where spreaders are installed.

**(7)** 

#### A responsible person who owns or operates a transmission line must:

Knox City Council does not currently maintain any transmission lines as these are maintained by the power company. Power Companies are to notify Council's Responsible Officer of all pruning works within the City of Knox.

**(8)** 

#### Responsible person may cut or remove hazard tree

If through routine inspection of the cyclic program or otherwise a person identifies a tree under Council's management within the declared area is:

- Likely to fall onto or otherwise come into contact with an electric line.
- Regrowth into the clearance space before the next scheduled visit.
- Vegetation in a HBRA area found to be within clearance after declaration of the fire season.

Council will arrange for an assessment to be undertaken by a suitably qualified arborist who has:

- The qualification of Certificate Level III in Arboriculture, including the "Assess Trees" module, or an equivalent qualification; and
- At least 3 years of field experience in assessing trees.

This may be conducted by an internal or external resource. The assessment will confirm the likelihood of contact with an electric line having regard to foreseeable local conditions. Factors such as: tree health, defects, size of failure, target potential, significance, fauna and habitat are considered in the assessment. The details of the assessment will be recorded on the contractor's database or by a written inspection report which is saved to Council's Lifecycle system. Once completed, this report is to be submitted to the Project Officer-Trees for review within 48 hours.

Where Hazard trees are identified as requiring pruning or removal, affected persons are notified as soon as practical. This is completed either in person or using council's works notification card. Refer Appendix K.

If line clearance works on trees are completed under the Urgent conditions listed in Schedules (13) & (14), trees will not be cut further than 1 metre from the minimum clearance space around the electric line except where an unsafe situation cannot be made safe. Where this is the case, pruning will be undertaken further than 1 metre from the minimum clearance space to the extent that safety is restored. Vegetation management personnel will be instructed to cut to no more than 1m greater than the specified minimum clearances when the works are issued.

As the asset owner the trees covered under this plan, council reserves the right to remove hazard trees where they cannot be made safe or be retained as useful assets.

Once works are completed the works are logged onto the contractor's database, or within internal daily work lists. Tree pruning personnel are to

provide confirmation of completion of the work to the issuing officer. Outcomes of the works are then provided to third parties including local authorities, distribution businesses or general public who raised the case.

Should Council or contractors working on behalf of Council in the course of works identify a hazard tree belonging to another party, Council will notify the owner and the distribution business of the tree via telephone, e-mail or card with 48 hours to make them aware of the risk and their obligations under these regulations.

A responsible person cutting a tree must, as far as practicable cut the tree in accordance with AS4373 as published or amended from time to time.

Covered in regulation 9(3)(i)

SCHEDULE 1- Code of practice for electric line clearance PART 2- Clearance responsibilities DIVISION 2 – Manner of cutting and removing tree(9)

A responsible person cutting a tree to achieve compliance must, as far as practicable, cut the tree in accordance with AS 4373 as published or amended at the time.

This information is covered in Regulation 9(3)(j).

**(10)** 

#### **Cutting or removal of:**

- Native Trees
- Trees listed in a planning scheme to be ecological, historical or aesthetic significance.
- Trees of cultural or environmental significance

Areas containing native trees, trees listed in a planning scheme to be of ecological, historical or aesthetic significant and trees of cultural or environmental significance within Knox are identified in regulation **9(3)(g)(i)** - **9(3)(g)(iii)** of this plan. ATS will be made aware of these areas through inclusion of this information on their databases, and changes or additions will be addressed and documentation provided in monthly meetings.

Trees within the vicinity of electrical conductors in these areas are assessed by the ATS Arborist prior to zone pruning or reactively buy a Council Arborist following a request from a third party using the following procedure.

- The site/s are assessed by an appropriately qualified inspector nominated by the Project Officer-Trees. This may be an internal or external resource.
- The present situation is documented including: number and type of trees requiring cutting, and removal. This may include photos and aerial maps as well as entry into the Contractors database or Knox lifecycle program.
- Scope of works required make the vegetation compliant with the current specifications is outlined. If the pruning of tree to compliance results in the tree being unhealthy or unviable the tree will be programmed for removal.
- 4. Recorded information is reviewed by the Project Officer-Trees, and Coordinator Active Open Space to assess potential impacts to the vegetation. Depending on the type of significance, other internal & external stake holders such as Council's Planning department, Heritage Victoria, etc. may also be engaged to provide feedback about management options.
- 5. Strategies to minimise impacts to this vegetation are considered and may include: increased pruning frequency, altered timing of pruning, equipment used for access, and consideration of an engineering solution.
- 6. A strategy is confirmed and recorded works plan which is approved the Coordinator Active Open Space.
- 7. The approved works plan is then forwarded to the internal or external resource allocated to perform the works.
- 8. The Project Officer-Trees is notified upon completion and the works plan closed out and stored in councils document management system.

If vegetation in these areas identified is found to be unsafe, that is:

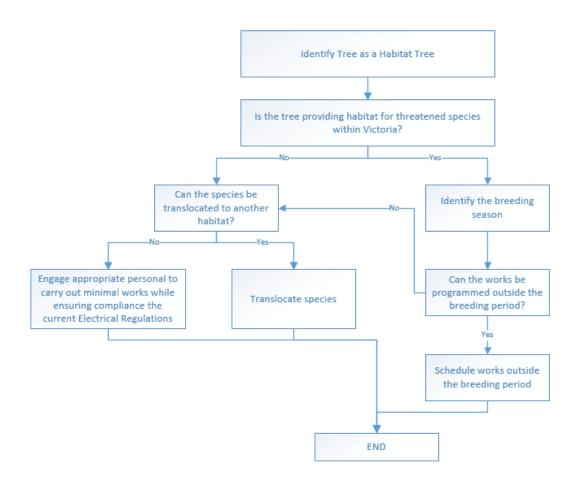
- Hazard tree
- Regrowth into clearance space before the next scheduled visit
- Vegetation in HBRA found to be in clearance after declaration.

The above process may be expedited in lieu of a site visit by the Project Officer-Trees and the nominated inspector. Works are identified, recorded and issued immediately to a works crew. Identified works should aim to make the situation safe in the first instance and be subject to further review of future management strategies. Notification to relevant stakeholders should occur within 48hrs of issue of works.

(11)

#### Cutting or removing habitat for threatened fauna

As stated in regulation 9(3)(iii) Knox does not currently have records of any threatened fauna which may be affected by the implementation of this plan. Should threatened fauna be identified, the following process shall be followed:



(12)

#### Restriction on timing of cutting or removal if notification is required

This has been covered in Schedule 15 & 16

(13)

#### Restriction on urgent cutting of trees

This has been covered in Schedule 8

**(14)** 

#### Restriction on urgent cutting of trees

This has been covered in Schedule 8

# SCHEDULE 1- Code of practice for electrical line clearance PART 2- Clearance Responsibilities Division 3 Notification, Consultation and Dispute Resolution

(15)

### Responsible person must provide notification before cutting or removing certain trees.

Knox City Council will notify all affected parties including private residents of any tree maintenance undertaken which may affect the land holder or change the streetscape within that area. The notification take the form of a postcard delivered a minimum 14 days before and no more than 60 days prior to works being undertaken.

In addition to the postcard, Council will update the community via the social media platforms Facebook & Twitter. – refer to Appendix O for Council's social media plan.

Knox City Council will notify all affected parties including private residents of any tree maintenance proposed to be undertaken on a tree of cultural or environmental significance which may affect the land holder or change the streetscape within that area. The notification would be in a letter form delivered before works are undertaken identifying all actions taken to minimise the impact of these works on any tree of cultural or environmental significance. In addition to this Council staff will liaise with land holders to ensure they have an understanding of the works to be completed and implications if any.

**(16)** 

### Responsible person must publish notice before cutting or removing certain trees

To ensure notification of persons who may be affected by cutting or removing trees for the purposes of clearance of the electric lines Knox has implemented a range of methods including:

- A notification card (Appendix K) is placed in letter boxes for unscheduled works and removals. It is issued by the persons completing the works (internal staff or contractors).
- Every household within each upcoming zone is to be letter dropped by the current contractor notifying the residents of the upcoming pruning. (Appendix L) This gives the ability to provide weekly updates and maps of the areas currently being worked in.
- Regular monthly posts through Councils social media forums Facebook
   Twitter, will inform the public of the location of proactive tree pruning within the municipality. Refer Appendix O

The use of social media to inform the public regarding upcoming Electric Line Clearance works is in line with the Council Communication engagement policy. Refer Appendix Q

• The pruning schedule is available on Council's website knox.vic.gov.au/

This range of notification allows general notification as well as more accurate and timely notification for changes in planned works and emergencies. Unless specified by a notification card, the works to be notified are tree cutting works to Australian standards so that regulation clearances can be achieved.

These mechanisms satisfy Schedule (12) notification of tree pruning to be provided to all residents at least 14 days but no more than 60 days prior to the planned day that pruning or removal is to occur. It also allows for updates to be posted in the case that schedules have been delayed or placed on hold.

**(19)** 

#### **Dispute resolution**

This is covered in Regulation 9(3)(q)

# Schedule 1- Code of practice for electric line clearance PART 2- Clearance responsibilities Division 4- Additional duties of responsible persons

(20)

#### Duty relating to the safety of cutting or removal of trees close to an electric line

All Contractors completing line clearance works for Council shall hold the qualification of Cert II ESI – Power line Vegetation Control. This training instructs operators to follow safety guidelines and limits set within either;

- ESV Electrical Safety Rules for Vegetation Work near Overhead Powerlines by Non-electrical workers (Electrical Safety Rules)
- Greater clearances or rules set by the asset owner.

If operators have concern with the cutting or removal of a tree for which council has the cutting responsibility, then it shall cease work and consult with the relevant asset owner. This shall be identified onsite, during the site or hazard assessment for the tree/ span in question.

The contact details for the relevant assets within Knox's Declared Area are listed below.

#### **UNITED ENERGY**

Contact Name: Leo Hourigan

Position: Vegetation Liaison Officer

Phone Number: 0429 219 839 or (03) 8846 9550 Email: LHourigan@powercor.com.au

#### <u>Ausnet</u>

Contact Name: Spencer Few

Position: ORP Liaison Officer

Phone Number: 0439 563 262

Email: spencer.few@ausnetservices.com.au

#### METRO TRAINS

Contact Name: Katrina Lewis

Position: Tree Clearing & Conformance Officer

Phone Number: 1800 800 007

Email: metrocustomer.feedback@metrotrains.com.au

#### SCHEDULE 1- Code of practice for electric line clearance PART 3- Minimum clearance spaces Division 2- Alternative compliance mechanisms

**(31)** 

#### Application for approval of alternative compliance mechanisms.

Where an alternative compliance mechanism is required Council will apply to Energy Safe Victoria for approval. The application will include the procedures to be adopted for the commissioning, installation, operating, maintaining, and decommissioning an alternative compliance mechanism.

This application will take into consideration published standards, location, minimum clearance space, and a copy of a written argument.

(32)

#### Formal safety assessment of alternative compliance mechanism.

If Council decides to apply for an alternative compliance mechanism a formal safety assessment will be undertaken to identify any hazards associated with the requirements of Energy Safe Victoria.

**Knox City Council** 

Legend

Declared Tree Pruning Boundary CFA Fire Hazard - High CFA Fire Hazard - Low

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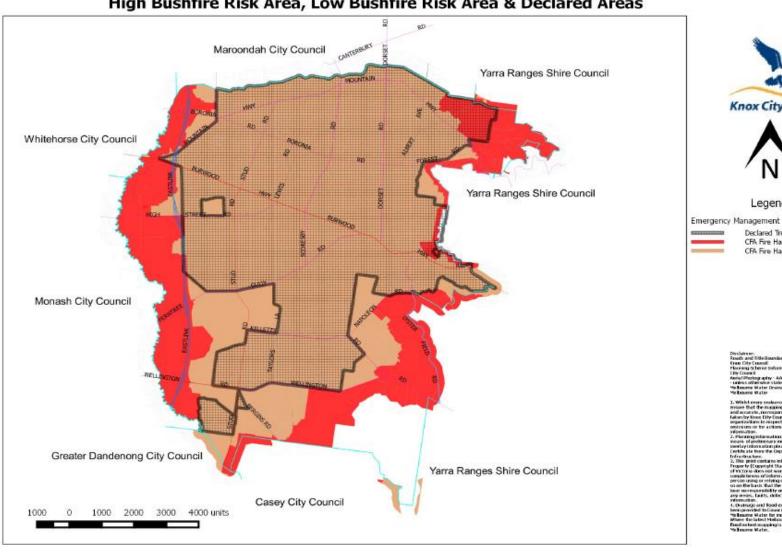
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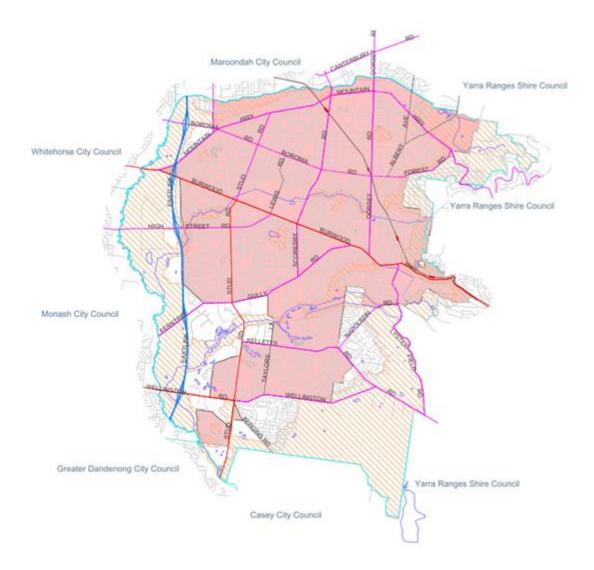
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#### **Knox Declared Area Including HBRA & LBRA sites**

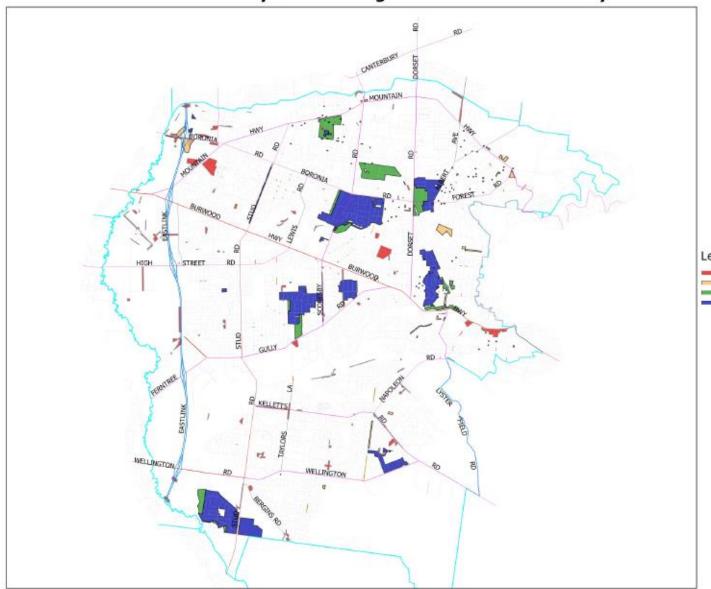
#### High Bushfire Risk Area, Low Bushfire Risk Area & Declared Areas





- Declared Bushfire Current
- ✓ ☐ Declared Tree Pruning Boundary

APPENDIX B **Knox City Council - Vegetation Protection Overlays** 











Vegetation Protection Overlay 1 (VPO1) Vegetation Protection Overlay 2 (VPO2) Vegetation Protection Overlay 3 (VPO3) Vegetation Protection Overlay 4 (VPO4)

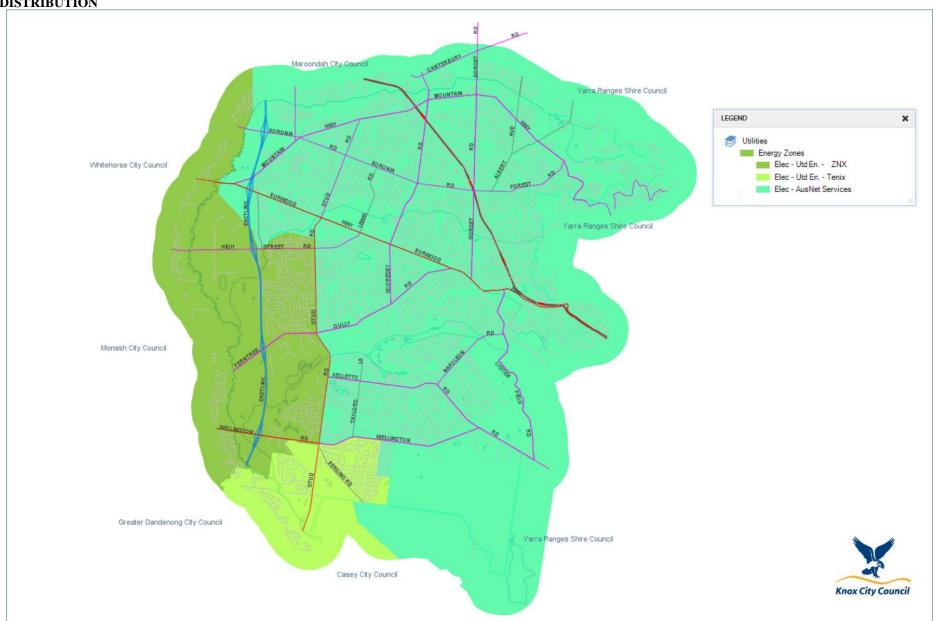
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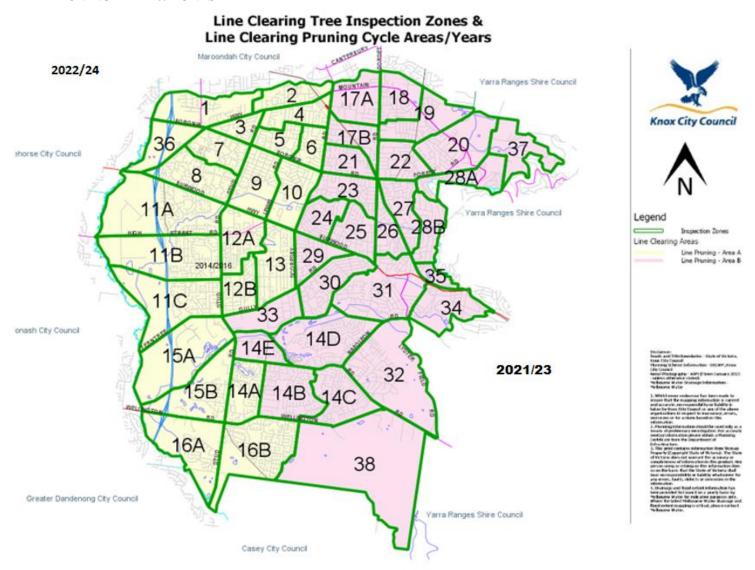
#### APPENDIX C

#### POWER DISTRIBUTION



#### APPENDIX D

#### YEARLY PRUNING AREA & ZONES



#### APPENDIX D

#### YEARLY PRUNING AREA & ZONES

Zone Pruning by contractor						
Zone	Prune Date	Year	Zone	Prune Date	Year	
1	July	2021	14B	July	2022	
2	July	2021	14C	July	2022	
3	July	2021	14D	August	2022	
4	August	2021	32	August	2022	
5	August	2021	38	September	2022	
6	September	2021	20	September	2022	
7	September	2021	26	September	2022	
8	October	2021	27	October	2022	
36	October	2021	28A	October	2022	
9	November	2021	28B	October	2022	
10	November	2021	35	October	2022	
11A	December	2021	34	November	2022	
11B	December	2021	31	November	2022	
11C	January	2021	37	November	2022	
12A	January	2022	17A	December	2022	
12B	February	2022	17B	December	2022	
13	February	2022	18	December	2022	
14A	March	2022	19	January	2023	
15A	March	2022	21	January	2023	
15B	April	2022	22	February	2023	
16A	April	2022	23	February	2023	
16B	May	2022	24	March	2023	
HBRA	August	2022	25	March	2023	
Blackwood Park Road	June	2022	14E	April	2021	
			29	April	2021	
			30	May	2021	
			33	May	2021	
			HBRA	August	2021	
			Blackwood Park Road	June	2021	

### APPENDIX E

### $KNOX\ DECLARED\ HBRA\ STREETS\ (incl.\ streets\ without\ overhead\ power lines)$

Street	Suburb
ACACIA ROAD	FERNTREE GULLY, UPPER
	FTG
ACADEMY DRIVE	THE BASIN
AGORA BOULEVARD	FERNTREE GULLY
ALANA COURT	WANTIRNA SOUTH
ALANDOWN CLOSE	KNOXFIELD
ALBATROSS DRIVE	ROWVILLE
ALBERT STREET	UPPER FERNTREE GULLY
ALEXANDER CRESCENT	FERNTREE GULLY
ALIDA COURT	FERNTREE GULLY
ALISON AVENUE	BORONIA
ALLORA AVENUE	FERNTREE GULLY
AMERSHAM DRIVE	WANTIRNA
ANGUS CLOSE	WANTIRNA
APPLE GROVE	BAYSWATER
APPLEWOOD DRIVE	KNOXFIELD
ARCADIA AVENUE	BORONIA
ARCADIA AVENUE	THE BASIN
ARMSTRONG ROAD	BAYSWATER
ARMY ROAD	BORONIA
AUBREY GROVE	BORONIA
AUGUSTA ROAD	THE BASIN
AVINGTON CRESCENT	BORONIA
AVOCA WAY	WANTIRNA SOUTH
AVON COURT	FERNTREE GULLY
BAMBIL COURT	BORONIA
BARCLAY AVENUE	UPPER FERNTREE GULLY
BARRETT STREET	UPPER FERNTREE GULLY
BARTON AVENUE	FERNTREE GULLY
BASIN-OLINDA ROAD	THE BASIN
BAYSWATER ROAD	BAYSWATER
BEECH CLOSE	FERNTREE GULLY
BELLAIR AVENUE	UPPER FERNTREE GULLY
BELLRISE COURT	BORONIA
BEMBOKA COURT	WANTIRNA SOUTH
BENBOW CRESCENT	BORONIA
BERESFORD DRIVE	BORONIA
BERGINS ROAD	ROWVILLE
BIRCH CRESCENT	WANTIRNA SOUTH
BIRDWOOD AVENUE	FERNTREE GULLY
BLACKWOOD PARK	FERNTREE GULLY

Street	Suburb	
KILCUNDA DRIVE	ROWVILLE	
KING STREET	BAYSWATER	
LADYS WALK	FERNTREE GULLY	
LADYS WALK	TREMONT	
LAKEWOOD DRIVE	KNOXFIELD	
LEAMON COURT	FERNTREE GULLY	
LITTLE JEAN STREET	UPPER FERNTREE GULLY	
LITTLE OPIE STREET	FERNTREE GULLY	
LIVERPOOL ROAD	BORONIA	
LIVERPOOL ROAD	KILSYTH SOUTH	
LOCKSLEY PLACE	THE BASIN	
LOWAN COURT	FERNTREE GULLY	
LUCAS CLOSE	BORONIA	
LYDFORD ROAD	FERNTREE GULLY	
LYONES PARADE	UPPER FERNTREE GULLY	
LYRIC COURT	THE BASIN	
LYSTERFIELD ROAD	LYSTERFIELD	
MAIDA AVENUE	BAYSWATER	
MANUKA DRIVE	FERNTREE GULLY	
MARKET STREET	BORONIA	
MARLBOROUGH ROAD	BAYSWATER	
MARONG COURT	BORONIA	
MATTHEWS COURT	FERNTREE GULLY	
MAYFAIR DRIVE	FERNTREE GULLY	
MCMAHONS ROAD	FERNTREE GULLY	
MELANIE CLOSE	WANTIRNA SOUTH	
MELROSE COURT	BORONIA	
MERRICKS CLOSE	FERNTREE GULLY	
MICHELLAN COURT	BAYSWATER	
MILAN STREET	WANTIRNA	
MILBREY CLOSE	WANTIRNA SOUTH	
MILLER ROAD	THE BASIN	
MINDARA AVENUE	ROWVILLE	
MISTHILLS COURT	FERNTREE GULLY	
MOAMA PLACE	ROWVILLE	
MONCOE STREET	BORONIA	
MONICA COURT	FERNTREE GULLY	
MONT ALBERT ROAD	FERNTREE GULLY	
MORLEY COURT	BORONIA	
MOUNT DANDENONG TOURIST ROAD	UPPER FERNTREE GULLY	
MOUNT VIEW ROAD	BORONIA	

BOGAN COURT	WANTIRNA SOUTH BORONIA		
	ROPONIA		
BORONIA ROAD	BORONIA		
-	BORONIA		
BOTANY COURT	WANTIRNA		
BOWER COURT	FERNTREE GULLY		
BRADMAN COURT	BORONIA		
BRETT PLACE	FERNTREE GULLY		
BUCHANAN STREET	BORONIA		
BUNJIL WAY	KNOXFIELD		
BURKE ROAD	FERNTREE GULLY		
BURSTON ROAD	BORONIA		
RURW()()I) HI(¬HWAY I	FTG, UPPER FERNTREE GULLY, WANTIRNA		
BURWOOD-EASTLINK IN	,		
RAMP ON	WANTIRNA		
BUTLERS ROAD	FERNTREE GULLY		
CAITLYN COURT	WANTIRNA SOUTH		
CALDER WAY	WANTIRNA SOUTH		
CANDLEBARK	DOM // / / / E		
QUADRANT	ROWVILLE		
CANTER STREET	ROWVILLE		
CARMEL AVENUE	FERNTREE GULLY		
CARNARVON AVENUE	THE BASIN		
CARRARA ROAD	ROWVILLE		
CASEY COURT	WANTIRNA		
CASSINIA CLOSE	KNOXFIELD		
CASTLEWOOD DRIVE	BORONIA		
CASTRICUM PLACE	FERNTREE GULLY		
CASUARINA AVENUE	BORONIA		
CATHAY STREET	FERNTREE GULLY		
CATHIES LANE	WANTIRNA SOUTH		
CHALMERS GROVE	FERNTREE GULLY		
CHARLES COURT	WANTIRNA SOUTH		
CHERRY AVENUE	BAYSWATER		
CHESTNUT AVENUE	FERNTREE GULLY		
CHURCH STREET	THE BASIN		
CLEMATIS AVENUE	FERNTREE GULLY		
CLONDARA DRIVE	ROWVILLE		
CLOVER COURT	BORONIA		
CLOW AVENUE	UPPER FERNTREE GULLY		
CONDOS COURT	WANTIRNA SOUTH		
CONYERS STREET	THE BASIN		
COPPELIA STREET	WANTIRNA SOUTH		
COPPICE COURT	BORONIA		
CREST COURT	THE BASIN		
CROXTETH WAY	WANTIRNA		

MOUNT VIEW ROAD	THE BASIN			
MOUNTAIN GATE DRIVE	FTG, BAYSWATER, BORONIA, THE BASIN, WANTIRNA			
MUSK GROVE	UPPER FERNTREE GULLY			
MYRTLE CRESCENT	FERNTREE GULLY			
NAPOLEON ROAD	FERNTREE GULLY, LYSTERFIELD			
NARAMBI CLOSE	FERNTREE GULLY			
NARCISSUS AVENUE	BORONIA			
NEAL COURT	BAYSWATER			
NEAL STREET	BAYSWATER			
NELSON STREET	FERNTREE GULLY			
NORTHAM ROAD	WANTIRNA			
NORVEL ROAD	FERNTREE GULLY			
OAKMONT CLOSE	ROWVILLE			
OLD BELGRAVE ROAD	UPPER FERNTREE GULLY			
OLD FOREST ROAD	THE BASIN			
OLD ORCHARD DRIVE	WANTIRNA SOUTH			
OLIVEBANK ROAD	FERNTREE GULLY			
OLIVER COURT	FERNTREE GULLY			
OPIE STREET	FERNTREE GULLY			
ORCHID CLOSE	FERNTREE GULLY			
ORMONDE ROAD	FERNTREE GULLY			
PALOMA COURT	BORONIA			
PAPERBARK PLACE	KNOXFIELD			
PARK BOULEVARD	FERNTREE GULLY			
PAVITT LANE	THE BASIN			
PEAK CRESCENT	WANTIRNA			
PEPPERMINT GROVE	KNOXFIELD			
PERRA STREET	FERNTREE GULLY			
PERRA STREET	FERNTREE GULLY			
PINEHILL DRIVE	ROWVILLE			
PLEASANT ROAD	FERNTREE GULLY			
POLICE ROAD	ROWVILLE			
QUARRY ROAD	FERNTREE GULLY, UPPER FTG			
ROWY	UPPER FERNTREE GULLY			
RACHELLE DRIVE	WANTIRNA			
RAILWAY AVENUE	UPPER FERNTREE GULLY			
RAILWAY ROAD	FERNTREE GULLY			
RALPH COURT	FERNTREE GULLY			
RAMONA COURT	BORONIA			
RANKIN ROAD	BORONIA			
RANKIN ROAD	FERNTREE GULLY			
RAWDON COURT	BORONIA			
REDFERN COURT	BORONIA			

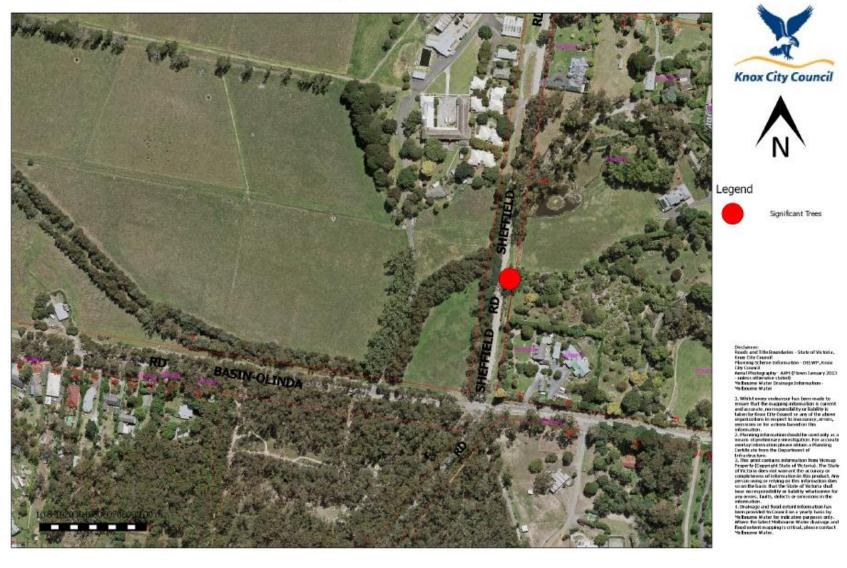
CUMBERLAND AVENUE	BAYSWATER		
DAFFODIL ROAD	BORONIA		
DALY COURT	ROWVILLE		
DANDENONG CREEK	BAYSWATER		
TRAIL	DATSWATER		
DANDENONG CREEK TRAIL	WANTIRNA		
DAVA COURT	FERNTREE GULLY		
DAWSON STREET	UPPER FERNTREE GULLY		
DAYAN DRIVE	WANTIRNA SOUTH		
DEAN COURT	WANTIRNA		
DEBRA STREET	ROWVILLE		
DEBSON CLOSE	BORONIA		
DERWENT DRIVE	BAYSWATER		
DOBSON LANE	THE BASIN		
DORCAS STREET	BORONIA		
DORIAN AVENUE	FERNTREE GULLY		
DORRIGO DRIVE	BORONIA		
DORSET ROAD	BAYSWATER		
EASTON COURT	FERNTREE GULLY		
EDWARD STREET	UPPER FERNTREE GULLY		
ELDALE COURT	WANTIRNA		
ELDER GROVE	BORONIA		
EMICA PARADE	KNOXFIELD		
ESTHER COURT	BORONIA		
FAIRWAY DRIVE	ROWVILLE		
FAITH STREET	FERNTREE GULLY		
FALDO COURT	ROWVILLE		
FERN ROAD	UPPER FERNTREE GULLY		
FERNDALE ROAD	UPPER FERNTREE GULLY		
FERNY CREEK AVENUE	UPPER FERNTREE GULLY		
FINMERE CRESCENT	UPPER FERNTREE GULLY		
FLORIDA DRIVE	FERNTREE GULLY		
FOREST OAK DRIVE	UPPER FERNTREE GULLY		
FOREST ROAD	BORONIA, FTG, THE BASIN		
FORMBY CLOSE	WANTIRNA		
GARSTON COURT	WANTIRNA		
GEORDY CLOSE	WANTIRNA SOUTH		
GEORGE KNOX DRIVE	ROWVILLE		
GEORGE STREET	WANTIRNA SOUTH		
GLASS BOAD	BORONIA		
GLASS ROAD	UPPER FERNTREE GULLY		
GLENBURN ROAD	BORONIA		
GLENFERN ROAD	FERNTREE GULLY		
GLENFERN ROAD	UPPER FERNTREE GULLY		
GLENWOOD GROVE	KNOXFIELD		
GRAMMAR PARADE	WANTIRNA		
GREENVIEW COURT	ROWVILLE		

RICDANIC DRIVE	BAYSWATER
RIPARIAN WAY	FERNTREE GULLY
ROLLINGS ROAD	UPPER FERNTREE GULLY
RONA STREET	FERNTREE GULLY
ROSALIE COURT	WANTIRNA SOUTH
ROSE STREET	UPPER FERNTREE GULLY
RUSTIC DRIVE	BORONIA
RYAN COURT	FERNTREE GULLY
SALLY CLOSE	WANTIRNA SOUTH
SASSAFRAS COURT	BORONIA
SAXONWOOD COURT	FERNTREE GULLY
SCHNEIDER STREET	FERNTREE GULLY
SCHOOL ROAD	TREMONT
SCORESBY ROAD	BAYSWATER
SEABY AVENUE	UPPER FERNTREE GULLY
SEASCAPE CLOSE	FERNTREE GULLY
SEGARTA CIRCUIT	FERNTREE GULLY
SELKIRK AVENUE	WANTIRNA
SHARNA COURT	FERNTREE GULLY
SHEFFIELD ROAD	THE BASIN
SHIRLEY COURT	BORONIA
SOLWAY CLOSE	FERNTREE GULLY
SPRINGFIELD ROAD	BORONIA
ST DAVIDS DRIVE	WANTIRNA
ST ELMO AVENUE	FERNTREE GULLY
ST THOMAS AVENUE	WANTIRNA
STEPHANIE CLOSE	FERNTREE GULLY
STEPHENSON COURT	ROWVILLE
STEWART STREET	BORONIA
STIRLING STREET	FERNTREE GULLY
STOCKTON AVENUE	FERNTREE GULLY
STRAUGHAN CLOSE	LYSTERFIELD
STRINGYBARK DRIVE	FERNTREE GULLY
STUART STREET	THE BASIN
STUD ROAD	ROWVILLE
SUGAR GUM COURT	UPPER FERNTREE GULLY
SUNSHINE STREET	ROWVILLE
TABILK COURT	WANTIRNA
TALASKIA ROAD	UPPER FERNTREE GULLY
TALDRA DRIVE	FERNTREE GULLY
TANGLEWOOD ROAD	ROWVILLE
TARA COURT	WANTIRNA
TATHRA COURT	BORONIA
TECOMA STREET	FERNTREE GULLY
TETOORA CLOSE	ROWVILLE
THE CROFT	LYSTERFIELD
THE CROFT	LYSTERFIELD

GYMEA AVENUE	ROWVILLE
HAMPDEN COURT	ROWVILLE
HANCOCK DRIVE	FERNTREE GULLY
HANSEN ROAD	BORONIA
HARCOURT ROAD	BORONIA
HAROLD STREET	WANTIRNA
HARRISON STREET	THE BASIN
HATHERLY GROVE	FERNTREE GULLY
HAVELOCK ROAD	BAYSWATER
HAZELWOOD ROAD	BORONIA
HEDGELEY CLOSE	WANTIRNA SOUTH
HENDERSON ROAD	KNOXFIELD
HIGH STREET ROAD	WANTIRNA SOUTH
HILLTOP ROAD	UPPER FERNTREE GULLY
HIMALAYA ROAD	FERNTREE GULLY
HOLLYOAK COURT	FERNTREE GULLY
HOLSTEIN COURT	ROWVILLE
HOSKIN STREET	BAYSWATER
HOVEA COURT	BORONIA
HUGHES ROAD	UPPER FERNTREE GULLY
HUNTINGDALE COURT	ROWVILLE
HUTTON AVENUE	FERNTREE GULLY
IDEAL COURT	ROWVILLE
IDEAL COURT ILLAWARRA AVENUE	ROWVILLE ROWVILLE
	_
ILLAWARRA AVENUE	ROWVILLE
ILLAWARRA AVENUE INCHCAPE AVENUE	ROWVILLE WANTIRNA
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK	ROWVILLE WANTIRNA FERNTREE GULLY
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET JONATHON COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY WANTIRNA SOUTH
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET JONATHON COURT JULIE CLOSE	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET JONATHON COURT JULIE CLOSE KAREN COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET JONATHON COURT JULIE CLOSE KAREN COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA BORONIA
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET JONATHON COURT JULIE CLOSE KAREN COURT KARRI COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA BORONIA BORONIA
ILLAWARRA AVENUE INCHCAPE AVENUE JACOBUS WALK JARRAH COURT JEAN STREET JEANBART COURT JENOLA PARADE JIM ABERNETHY MEMORIAL DRIVE JOAN AVENUE JOHNS STREET JONATHON COURT JULIE CLOSE KAREN COURT KARRI COURT KAY COURT	ROWVILLE WANTIRNA FERNTREE GULLY BORONIA UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH BAYSWATER FERNTREE GULLY UPPER FERNTREE GULLY WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA SOUTH WANTIRNA BORONIA BORONIA BORONIA

THE GLEN	FERNTREE GULLY
THE LOOKOUT	LYSTERFIELD
THE STRAND	LYSTERFIELD
THE TERRACE	LYSTERFIELD
TIMMOTHY DRIVE	WANTIRNA SOUTH
TI-TREE AVENUE	BAYSWATER
TOLHURST AVENUE	BORONIA
TORRESDALE DRIVE	BORONIA
TOWNLEY PLACE	UPPER FERNTREE GULLY
TREFOIL STREET	FERNTREE GULLY
UNDERWOOD ROAD	FERNTREE GULLY
UNIVERSITY ROAD	BAYSWATER
VAN HAASTER COURT	ROWVILLE
VANDEVEN COURT	FERNTREE GULLY
VARLEY COURT	FERNTREE GULLY
VAUGHAN ROAD	FERNTREE GULLY
VERBENA AVENUE	THE BASIN
WADI STREET	BORONIA
WAKLEY CRESCENT	WANTIRNA SOUTH
WALBUNDRY AVENUE	FERNTREE GULLY
WANTIRNA ROAD	WANTIRNA
WARRENWOOD CLOSE	FERNTREE GULLY
WATERFORD PARK	KNOXEIELD
	KNOXFIELD
WATERFORD PARK	KNOXFIELD  UPPER FERNTREE GULLY
WATERFORD PARK AVENUE	-
WATERFORD PARK AVENUE WATERS AVENUE	UPPER FERNTREE GULLY
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE	UPPER FERNTREE GULLY KNOXFIELD
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD WELLS AVENUE	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE BORONIA
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE BORONIA UPPER FERNTREE GULLY
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD WELLS AVENUE WILLIAM STREET WILLOW ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE BORONIA UPPER FERNTREE GULLY UPPER FERNTREE GULLY
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD WELLS AVENUE WILLIAM STREET WILLOW ROAD WINDSOR CLOSE	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE BORONIA UPPER FERNTREE GULLY UPPER FERNTREE GULLY BORONIA
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD WELLS AVENUE WILLIAM STREET WILLOW ROAD WINDSOR CLOSE WOODLEA PLACE	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE BORONIA UPPER FERNTREE GULLY UPPER FERNTREE GULLY BORONIA FERNTREE GULLY
WATERFORD PARK AVENUE WATERS AVENUE WATERSEDGE CLOSE WATKINS COURT WATTLETREE ROAD WAYNE AVENUE WEBB COURT WEBSTER COURT WEDMORE ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD WELLINGTON ROAD WILLIAM STREET WILLOW ROAD WINDSOR CLOSE WOODLEA PLACE WOODVALE ROAD	UPPER FERNTREE GULLY KNOXFIELD FERNTREE GULLY BORONIA, FTG BORONIA ROWVILLE BAYSWATER BORONIA LYSTERFIELD ROWVILLE BORONIA UPPER FERNTREE GULLY UPPER FERNTREE GULLY BORONIA FERNTREE GULLY BORONIA

# APPENDIX F Significant Tree Location - The Basin Melways Reference: 65 J7



#### APPENDIX G

#### Sag & Sway table supplied by Ausnet

G 000 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Spans 0-99m in length Addition	onal clearance for Sag & Sway is not required
Spans 100m or greater in length Addition	onal clearance for Sag & Sway required; refer to Sag & Sway Clearance Chart, table 1.

- Additional Clearance for Sag & Sway is applicable to the middle two thirds of the span only.
- Additional Clearance for Sag & Sway is applicable to <u>uninsulated</u> LV, HV & 66kV electric lines only.

HBRA – Additional Clearance for Sag & Sway Requirements		
Spans of any length	Additional clearance for Sag & Sway required; refer to Sag & Sway Clearance Chart, table 1.	

- Additional Clearance for Sag & Sway is applicable to the middle two thirds of the span only.
- Additional Clearance for Sag & Sway is applicable to <u>uninsulated</u> LV, HV & 66kV electric lines only.

Table 1; Sag & Sway Clearance Chart

SPAN LENGTH	LV, 6.6kV, 11kV, 22kV & SWER			66kV				
METRES	LV ABC	AAC		R, ACSR ICU	STEEL	AAC	ACSR	
	A-	- REQUIRED	CLEARAN	CE WITHIN	20m OF POL	E (metres)	1901	
0-40	0.3	1.5	1	.5	1.5	2.25	2.25	
	B -	REQUIRED	CLEARANC	E BEYON	20m OF PO	20m OF POLE (metres)		
40 – 70	0.6	2		2	2	3.5	3,5	
70 – 120	0.9	4 .		3	3.5	5	4	
120 – 160		5	3	.5	5	7	7	
160 - 200		. 7		5	6	9	9	
200 - 250		11		7	6	13	11	
250 - 300			٦ ٢	0	6		13	
300 350			1	3	6	190	18	
350 - 400	3		1	16			24	
application of the second			ACSR	CdCu			85	
400 – 500			20	30	10		37	
500 <b>–</b> 600			23	38	13	4	52	
600 – 750					19		23	
750 & OVER				į.	25			

LEGEND: LV ABC	Low Voltage Aerial Bundled Cable All Aluminium Conductor	ACSR CdCu	Aluminium Conductor Steel Reinforced Cadmium Copper Conductor
	Copper Conductor	STEEL	Steel Conductor, Galvanised or Aluminium Clad

- If the conductor type cannot be determined then the greatest clearance applied to each span length and voltage shall apply.
- The clearances stated in the Sag & Sway Clearance Chart are inclusive of the minimum clearance distance in accordance with the Electricity
  Safety (Electric Line Clearance) Regulations. When using this chart to extend the minimum clearance space to allow for conductor sag and
  sway please be aware that the minimum clearance distance is included in the stated chart distances.

#### **APPENDIX H**

#### **Knox Quality Control Audit Sheet**

#### **Knox Quality Control Audit**



Location	
Assessor	
Date	
Number of Trees	
Contractor	

	Targets	Rating	Max Score	Score
1	Tidy site (no debris left)	Yes+5 No-0	5	
2	No Pruning undertaken but required	Yes (Pruned)+15 or No Pruning -15	15	
3	Footpath Clearance Maintained	Yes(or not applicable)+15 Insufficient+5 No Works -10	15	
4	Road Clearance Maintained	Yes(or not applicable)+15 Insufficient+5 No Works -10	15	
5	Wires - Compliance to ELCP	Yes(or not applicable)+15 Insufficient+5 No Works -10	15	
6	Deadwood Removed	Yes or <20mm +10 No -10	10	
7	Formative Pruned	Yes(or not applicable)+15 Insufficient+5 No Works -10	15	
8	Pruning to AS 4373	Yes +15 No(minor) -5 No(major) -10	15	
9	Early formative Pruning (small trees only)	Yes(or not applicable)+15 Insufficient+5 No Works -10	15	
10	Co-dominant stems removed/suppressed	Yes(or not applicable)+15 Insufficient+5 No Works -10	15	
11	Street signs-Clear	Yes (or NA) +10 No 0	10	
12	Street lights-Clear	Yes (or NA) +10 No 0	10	
13	Stakes removed as required	Yes (or NA) +5 No 0	5	
14	Site left as found (no damage)	Yes +10 No -10	10	
15	Hazardous tree not actioned/reported	NA 0 Yes -45	0	
		Total	170	

Acceptable 155-170
Improvement Required 130-154
Unacceptable <130

Rectification Location	Comments

#### **APPENDIX I**

#### **Knox Safety Audit Sheet**

#### **Worksite OHS Assessment – Trees**

(This form is to be used when conducting Operations' Worksite OHS Assessment on Employee[s] and Contractor[s])

Part A: Assessment	у орогиноно то		Employee[5] and contractor[5])
Operations		Contractor(s)	
	Parks Passive Ishland	Name of Contractor(s) (if a	oplicable, under Unit):
Officer(s) Assessing Worksite:			
Project / Works Detail(s):		Process(es) / Task(s) Assess	sed:
Order Nos.:			
Date: Time:		Worksite / Location / Addre	ess:
Worksite Employee(s) / Contractor(s) involved Supervisor Name(s):  Worker Name(s):	with this Assessmen	nt:	
High Risk Construction Work (HRCW) Identified	d on Worksite – Safe	Work Method Statement (SV	NMS) required. 🛛 if applicable
Risk of person falling > than 2 m	Worksite with mobile plant	any movement of powered	On or adjacent to roadways or railways used by road or rail traffic
<ul> <li>On / near:</li> <li>Energised electrical installations or services;</li> <li>Pressurised gas distribution mains or piping;</li> <li>Chemical, fuel or refrigerant lines; or</li> <li>Telecommunications towers</li> </ul>	Involving: - A trench, shaft 1·5 m; or - A tunnel.	t if the excavated depth is >	<ul> <li>Involving:</li> <li>Removal or Disturbance of Asbestos (Asbestos Control Plan);</li> <li>A Confined space;</li> <li>An area that may have a contaminated or flammable atmosphere; or</li> <li>Use of explosives.</li> </ul>
<ul> <li>Involving:</li> <li>Structural alterations that require temporary support to prevent collapse;</li> <li>Demolition; or</li> <li>Tilt-up or precast concrete</li> </ul>	liquids where	acent to water or other there is a risk of drowning; there are artificial emperature.	Other(s), Please Specify:

Comment(s):

<sup>\*</sup>Note: If SWMS is not required, ensure there are Safe Work Procedures (SWPs) in place before work starts

Nonconformity and Corrective Action documented as result of this Assessment (Part B)	Yes 🗌	No 🗌
If yes, Supervising Officer to complete Corrective Actions by (Date):		
Supervising Officer Responsible:		

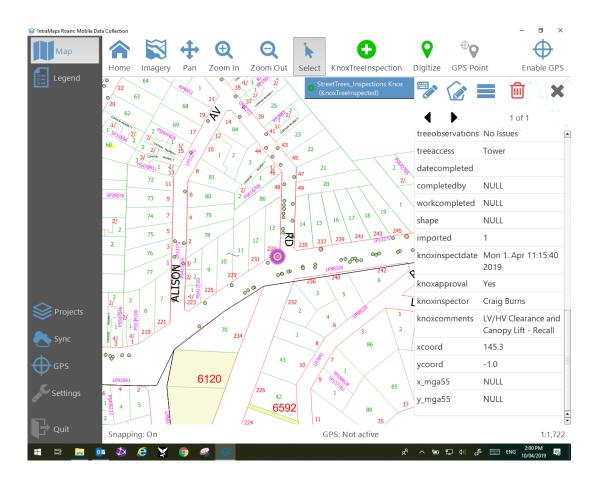
Part B	Control(s) Identified    Select - Knox Employee(s) OR Contractor(s)			ed) tor d)	Comment(s)	
	Select – Knox Employee(s) <u>OR</u> Contractor(s)		l	l		
	Appropriate – Y / N / NA	Y	N	NR		
1.0	OHS Management					
1.1	Supervision – Personnel Supervised / Inducted?					
1.2	Toolbox for activities today conducted / documented?					
1.3	SWMS / SWP / JSA / for task(s) available / signed?					
1.4	Records of Inspections and/ or Audits available?			Х	NA	
1.5	**Contractor(s) – Liability / WorkCover Insurance available?			Х	Submitted annually – see KX	
2.0	Plant / Equipment / Tool					
2.1	Plant Pre-start Checklist completed?					
2.2	Current Competencies, Licences (Including High Risk Work), Certificates, Tickets to tasks?					
2.3	Licenced Dogman onsite for any crane activities?			Х	NA	
2.4	Electrical Safety - RCD for Portable Power Boards / Circuits checked by LE? - Equipment, leads Test / Tag current by LE? - Extension leads on stands?			х	NA	
2.5	Plant (Working Near Overhead Powerlines)  - Current evidence of Cert II ESI Powerline Vegetation Control?  - Registered Energy Safe Victoria (ESV) Spotter (Dogman / Rigger)  - No Go Zones adhered to or PTW from Asset Owner obtained (if required)  - Ausnet – Extec Services Pty Ltd to be contacted on (03) 59417333					
2.6	<ul> <li>Plant (Digging Near Underground Assets)</li> <li>Clear and Safe access around Excavation / Trench?</li> <li>Trenches and/or Manholes Shored, Unattended – Barricaded / Covered?</li> <li>Dial Before You Dig (&gt; 300 mm)? Clearance for No Go Zone?</li> <li>Excavation (&gt; 1500 mm) – WorkSafe Notification (3 days prior), Ladder for safe ingress / egress, Shoring / Batters / Steps in place for Trenches / Drainage Pits?</li> <li>Spoil Stockpile &gt;500 mm from edge of trench?</li> <li>Spotter provided?</li> <li>Personnel trained on the Emergency Rescue Procedure</li> </ul>					
3.0	Prevention of Falls					
3.1	Unsafe Areas sign posted and barricaded?			Х	NA	
3.2	Ladder(s) —  - Marked Industrial Grade (AS 1892 – Portable Ladders Series)?  - Fibreglass ladders for Electrical Work?  - Maintained, clean and in good condition?  - Used on solid and stable surface  - Extension ladder places at 4:1 slope, Secured both top and bottom or held by a second worker / Stepladder fully opened with spreader engaged			х	NA	
2.2	Scaffold (> 4m) erected, altered, checked (periodically) or dismantled by			v	NA	
3.3	Licensed Scaffolder			Х	NA	
4.0	Incident Notification / Emergency Preparedness and Response					
4.1	<ul> <li>Incident Notification Procedure in place?</li> <li>Emergency Response Procedure / Contact List</li> <li>Personnel aware?</li> </ul>					
L	1 Crsoniici aware:	I	1	1		

Part B	Control(s) Identified  ☑ Select – Knox Employee(s) <u>OR</u> Contractor(s)	Unit (Assessed) Contractor (Sighted)			Comment(s)	
	Appropriate – Y / N / NA	Υ	N	NR		
4.2	First Aider / Kit (Contents adequate) onsite?					
4.3	Fire Extinguishers – Available and inspected (6 <sup>th</sup> monthly)?					
5.0	Traffic Management Plan – Council Roads					
5.1	TMP available and site set up correctly?					
5.2	VicRoads Approved Memorandum of Authorisation (MOA) available, (if applicable)?					
6.0	Hazardous Substances / Dangerous Goods					
6.1	<ul> <li>MSDS available and current (&lt; 5yr expiry?)</li> <li>Application in accordance to SWP / SDS (e.g. nozzle type, no off target damage, correct spraying conditions, not too calm not too windy)?</li> <li>Containers labelled?</li> <li>Spill Control Kits available?</li> </ul>					
7.0	Personal Protection					
7.1	<ul> <li>Minimum: Hi-vis Vests / Long Sleeved Shirts and Pants, Safety Boots, Safety Glasses / Visor</li> <li>Additional PPE in accordance to SWMS / SWP / JSA / TGS (e.g. Head / Hearing Protection / Gloves), if applicable</li> <li>Heat and UV Protection (Aug – May)?</li> </ul>					
8.0	Environment					
8.1	Dust control measures in place?					
8.2	Housekeeping - Worksite free from obstruction, accumulation of rubbish? - Stockpiled material confined to nominated area? - Plant / Equipment cleaned and maintained, HSDG stored safely, Slips / Trips / Falls Hazards removed?					
8.3	Noise Management - Quieter Plant, Noise Suppressors fitted / or works carried out between agreed times and Council requirements / by-laws - Noise and Vibration levels kept to minimum and monitored?					
8.4	Waste Management - What is the Waste procedure onsite? - Are there designated bins or returned to depot?			x	NA	
9.0	Fire Danger Rating (Nov – Apr) and Total Fire Ban					
9.1	<ul> <li>Fire Danger Rating (Nov-April)? – Not allowed if Total Fire Ban is in force</li> <li>Generating HEAT and/or SPARK? Chainsaw, Trimmer, Mower, Welding, Grinding, Soldering, Gas Cutting, Heating Bitumen? If yes, risk controls are in place as per SWMS / SWP?</li> <li>9L water filled Knapsack or charged Fire Extinguisher?</li> <li>Permit to Work documented (if applicable)?</li> </ul>					
10.0	Hazardous Manual Handling					

10.1	Mechanical Means available / Assistance provided / Correct Manual Handling Techniques followed, adherence to Task SWP?			
11.0	No Smoking Policy			
11.1	KCC Smoking policy and procedures adhered to		Χ	NA
12.0	**Contractor Process(es) / Task(s) NOT performed by Operations			
12.1	Confined Space - SWMS available and signed by all on-site Personnel? - All Personnel for task qualified, certificates sighted / available? - Atmospheric Testing Devices available and calibrated? - Rescue Equipment available, Drill conducted? - Confined Space Entry Permit implemented?		X	NA
12.2	Elevated Work Platform (EWP) – Powerline Clearance  - SWMS available and signed by all on-site Personnel?  - Licenced Operator with Full body Harness?  - Pre-start check completed?  - Registered Energy Safe Victoria (ESV) Spotter (Dogman / Rigger)  - Limits of approached determined by Team?  - Used on level ground?			
12.3	High Risk Construction Work - SWMS available and signed by all on-site Personnel? - High Risk Work Licence(s) available?		х	NA
12.4	Traffic Management Plan – VicRoads  Site specific traffic management plan selected / Traffic Management Company engaged?  All Traffic Controllers qualified?  VicRoads Approved Memorandum of Authorisation (MOA) and consent available?			
12.5	Removal or Disturbance of Asbestos - Licensed Asbestos Removalist (AAH – Contact Operations, Site Controller) - Asbestos Control Plan (can be taken as preparation of a SWMS) available?		Х	NA
12.6	Other High Risk Construction Work(s) – Please Specify SWMS / HRW Licence		х	NA
12.7	Health and Safety Coordination Plan for Construction Project (≥ \$350,000)		х	NA

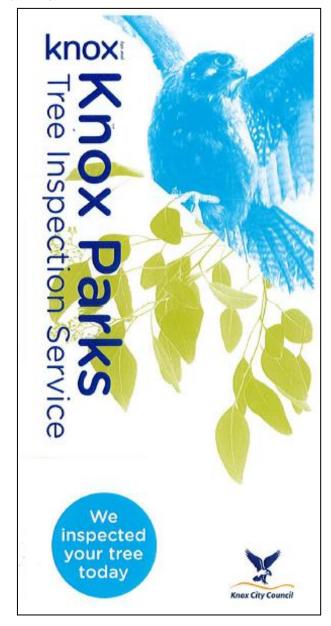
#### APPENDIX J

#### **Knox End of Zone captured rework**



#### APPENDIX K

#### **Knox Notification Card's (Adhoc)**



	ne is	
Your re	ference number is	
I found		
☐ No w	works are needed because	
	t	
We will	arrange for the following works:	
☐ Tree	removal - species	
beca	**************************************	
	nps are removed within 4 weeks of tree remo	ova
	erty clearance pruning	
Gene dying	eral prune (involves the removal of deac g, defective or diseased branches)	ď,
Cano	py lift	
Othe	r	
weeks. I prioritise extreme	to complete tree works within 4-12 However, please be aware that works a ed in consideration of public safety and weather events may delay completion or low risk works.	d n
		00.
	Knox City Council 511 Burwood Highway	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152 knox.vic.gov.au	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152 knox.vic.gov.au T 9298 8000	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152 knox.vic.gov.au T 9298 8000 E knoxcc@knox.vic.gov.au	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152 knox.vic.gov.au T 9298 8000 E knoxcc@knox.vic.gov.au	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152 knox.vic.gov.au T 9298 8000 E knoxcc@knox.vic.gov.au K knoxcouncil	
	Knox City Council 511 Burwood Highway Wantirna South, VIC 3152 knox.vic.gov.au T 9298 8000 E knoxcc@knox.vic.gov.au II knoxcouncil W knoxcc	POCKHRIGHT.

#### APPENDIX L

**Knox Pruning Notification Cards Delivered to all households prior to pruning the zone.** 

## Street tree pruning notification



Dear resident, on behalf of Council, Citywide service solutions will soon be undertaking street tree pruning works in your area.

Street trees will be pruned so that;

- Powerlines are kept clear of vegetation as specified in Electricity Safety (Electric Line Clearance) Regulations
- Roads and footpaths are trafficable and road signage is visible
- Dead branches greater than 20mm are removed
- Young trees are shaped to ensure an optimal future form

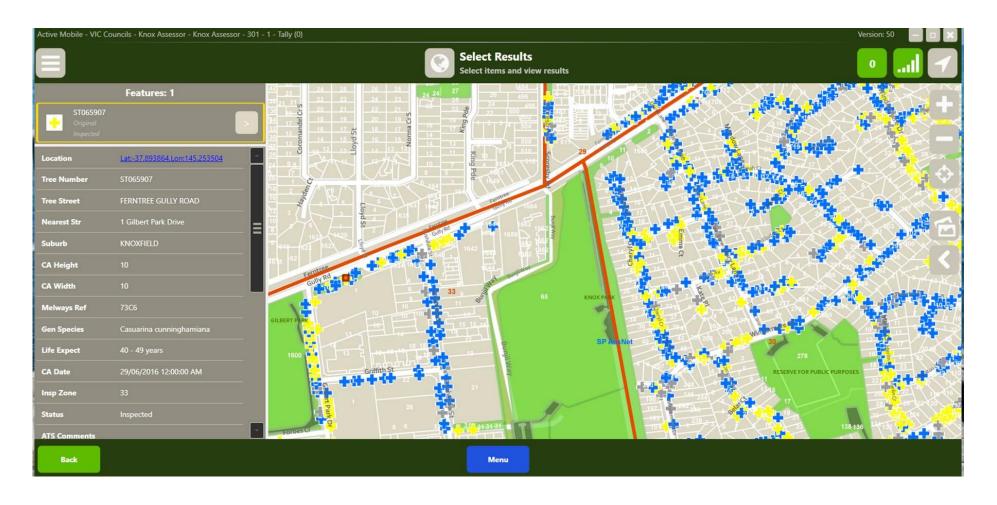
Street tree pruning will occur no sooner than 14 days and no later than 60 days after issue of this notice. (16 June 2017)

For more information on our street tree pruning program or to learn more about street trees please visit our website knox.vic.gov.au/trees or contact Council on 9298 8000.

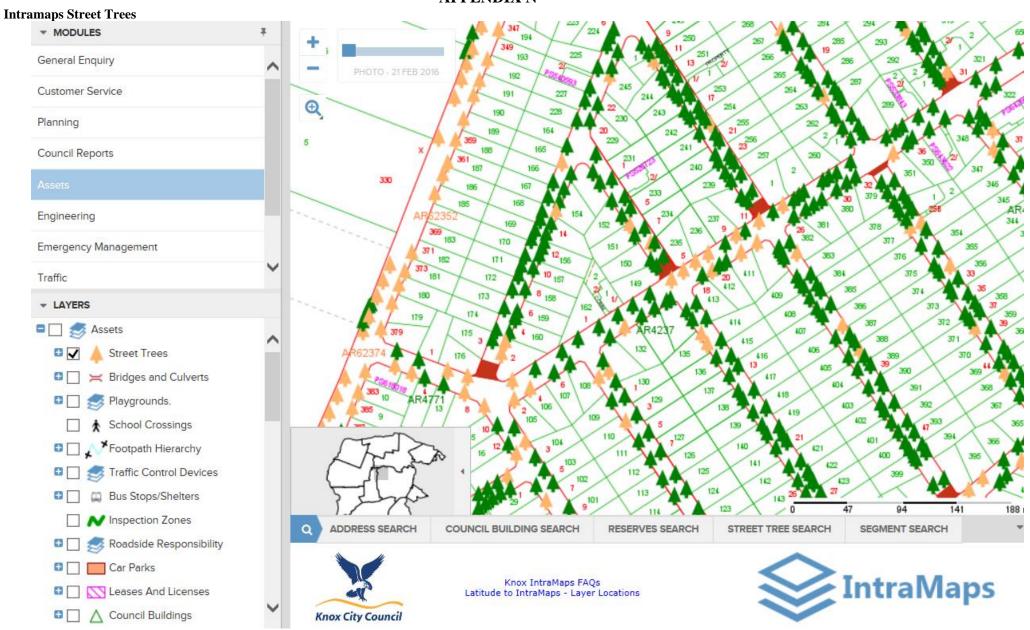


#### APPENDIX M

#### **ATS Data Capture**



#### APPENDIX N



#### **APPENDIX O**



## **Tree Pruning – Social Media Content Plan**

Date/Time	Channel	Content	Image	Link
29/05/2017 (two weeks	Facebook	**COMMUNITY NOTICE**	n/a	https://www.knox.vic.gov. au/treepruning
before first notification)		Tree inspection and pruning are continuing to happen across our city to make sure vegetation is healthy and complies with Electrical Line Clearance Regulations.		
11am		As part of our efforts to notify residents we continue to letterbox drop, as well as keep you informed across social media, and via information on our website.  You can read more online, (LINK), or contact our Customer Service Team on 9298 8000.		
29/05/2017 11am	Twitter	Tree pruning is happening across our city, keeping trees healthy and powerlines clear of vegetation.  More info via ow.ly/OtDe30bPfPp		https://www.knox.vic.gov. au/treepruning
Ongoing (14 days prior to new zone)	Facebook	**COMMUNITY NOTICE**  Tree pruning works are happening in zone XXX (eg. Wantirna) in (month) to make sure vegetation is healthy and complies with Electrical Line Clearance Regulations. More info via ow.ly/OtDe30bPfPp	n/a	https://www.knox.vic.gov. au/treepruning
Ongoing (14 days prior to new zone)	Twitter	Tree pruning is happening in zone XXX (eg. Wantirna Sth) in (month), keeping powerlines clear of vegetation. Info via: ow.ly/OtDe30bPfPp	n/a	https://www.knox.vic.gov. au/treepruning

Ongoing	Facebook	**COMMUNITY NOTICE**	n/a	https://www.knox.vic.gov. au/treepruning
(14 days prior to HBRA pruning)		In preparation for summer, annual tree pruning is happening in Ferntree Gully, Lysterfield, Rowville, The Basin, Upper Gully, Wantirna & Wantirna South in accordance with Electrical Line Clearance Regulations. Info via: ow.ly/OtDe30bPfPp		
Ongoing (14 days prior to HBRA pruning)	Twitter	Annual tree pruning keeps powerlines clear of vegetation in preparation for summer. Info via: ow.ly/OtDe30bPfPp	n/a	https://www.knox.vic.gov. au/treepruning

#### APPENDIX P

#### **CUSTOMER COMPLAINT HANDLING**



#### **PROCEDURE**

Developed by:	Coordinator Customer Service	Directorate:	Corporate Development
Approved by:	EMT	Responsible Officer:	Kath Oakley
Approval Date:	22/07/2010	Version Number:	Version 1 Draft
Review Date:			

#### 1. PURPOSE

At Knox City Council we are committed to encouraging and listening to customer feedback, remain connected to the community and deliver high quality services for those who live, work or visit the City of Knox.

Knox City Council aims to achieve service excellence across all Council services and provide personalised, responsive service by listening to customers, acting on what they tell us and recording feedback for continuous improvement.

The purpose of this procedure is to provide staff with the 'tools' for managing complaints successfully and includes:

- 1. A step by step process (flow chart) for managing complaints.
- 2. Guidelines for how best to resolve complaints at first point of contact.
- Two brochures are available: Customer Service at Knox and a Customer Feedback form for staff to use when customers ask about the complaint process at Knox.

#### 2. SCOPE

This procedure applies to all Council staff, however some Departments will have supplementary processes due to the nature of the service or regulatory issues.

Customers and staff complaining about improper conduct by Council Officers or Council and requesting coverage under the Whistleblowers Protection Act will be referred to the Director – Corporate Development and the issue managed according to Council's adopted guidelines and procedures.

#### 3. DEFINITION

#### Who is a customer?

A customer is any individual or organisation having dealings with Knox City Council.

#### What is a complaint?

A complaint is an expression of dissatisfaction with a decision, service experience or behavior of a Council employee.

#### A customer complaint occurs when a customer considers:

- 1. The service experience provided by the council officer or contractor has been unsatisfactory.
- **2.** The Council service is being delivered in an unsatisfactory manner.
- 3. The communication process has been unsatisfactory.
- **4.** The policy deployment of Council is unacceptable or unsatisfactory.
- A staff member's behaviour or attitude has been inappropriate or unprofessional.

#### What is not a complaint?

- **1.** A request for service (unless there has been no response to a first request for service).
- **2.** A request for information or an explanation of a policy or procedure.
- 3. Disagreement with a policy and/or decision of the Council.
- **4.** Reports of damaged or faulty infrastructure.

Many issues are called 'complaints' because a customer is unhappy about a situation and is requesting something to be done.

Actions taken to resolve many 'complaints' are an everyday part of organisational life and will be followed-up outside the formal complaints handling process.

#### 4. COMPLAINTS HANDLING PROCESS

Council's complaint handling procedure is made available to assist with the resolution of complaints in a positive and fair manner. This is based on the premise that:

- Customers have a right to raise concerns and complaints.
- Customers will be provided with information on the complaint handling process.
- Staff are passionate about service excellence and will encourage customer feedback about products, service experiences and communication.
- Staff acknowledges every complaint as an opportunity to build on the confidence and trust of customers in Council's processes, people, communication and services.
- Staff will be treated fairly, and provided with feedback and training as part of the compliant handling process.

Complaints will be managed confidentially, in accordance with Privacy Legislation, and in a fair and open manner for all concerned parties - staff and customers.

In-person and telephone complaints will be recorded in the Customer Request System (CRS) and written complaints will be recorded in Dataworks and assigned to Council's Customer Request System (CRS). Complaints regarding staff service behavior will be managed fairly and sensitively by using a confidential code in CRS with restricted access. In areas where CRS is not accessible, an alternative approach will be implemented to record complaints.

Council will be supportive when staff have experienced distressing customer behaviour and will also make the People Assist Program available.

In situations where a customer has become abusive and been requested more than once to cease the offensive behaviour, then staff can confidently terminate the telephone call or request the customer leave the service area.

#### 4.1 Guidelines for Managing Complaints at First Point of Contact

#### Listen without interrupting

- Listening without interruption will assist in diffusing the customer's emotions.
- Listen for vital information and take notes.
- Let the customer conclude their explanation then ask questions to clarify the situation but avoid denying or arguing.

#### Welcome the feedback

- Communicate with empathy and welcome the feedback "I appreciate you bringing this to our attention, I'm sorry for the inconvenience this has caused".
- Later, if the problem is our mistake, then an apology may be necessary.

#### **Express empathy**

- Further calm the customer by communicating empathy an understanding of the customer's anger, frustration or disappointment.
- Once you have communicated that you appreciate the customer's problem and acknowledge their feelings, the more willing they will be to participate calmly in working on a solution to the problem.

#### Confirm understanding

 Once the customer has calmed down, summarise the information you have obtained, ask any additional questions and confirm understanding of the problem. Record the notes in CRS (or alternative location).

#### Explain what you can do and explore alternatives

- Explain to the customer what you can do.
- Discuss alternative courses of action and the benefits or drawbacks for the customer of the alternatives.
- Reach an agreement on a course of action.
- Give the customer confidence that something will be done by explaining to them who will do what, by when and how

#### Take action immediately and follow up

- Take action immediately and implement the solution
- If there are any delays or changes to the information provided keep the customer informed
- Keep your commitments to the customer
- If required follow up with the customer and express appreciation for bringing the issue to your attention

#### Referring a complaint to next level of management

Complaints may need to be referred upwards in the following circumstances:

- 1. If the customer requests to deal with the Manager after refusing your offer to assist.
- You have been unsuccessful in negotiating a successful solution with the customer.
- 3. The customer's request is outside your delegated authority.
- 4. In order to diffuse the customer's emotional state you have decided to refer the customer to a member of the Management Group.
- 5. A complaint about individual staff behavior has been received.

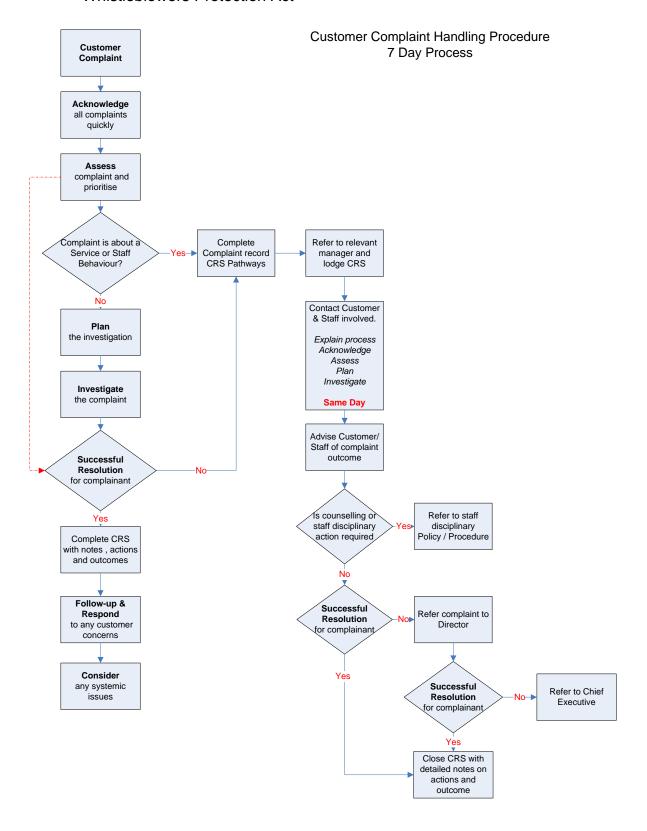
Remember if the customer asks to speak with the Manager, explain you would like a chance to help them first; promising that if you can't handle the issue to their satisfaction you will then refer them to the Manager.

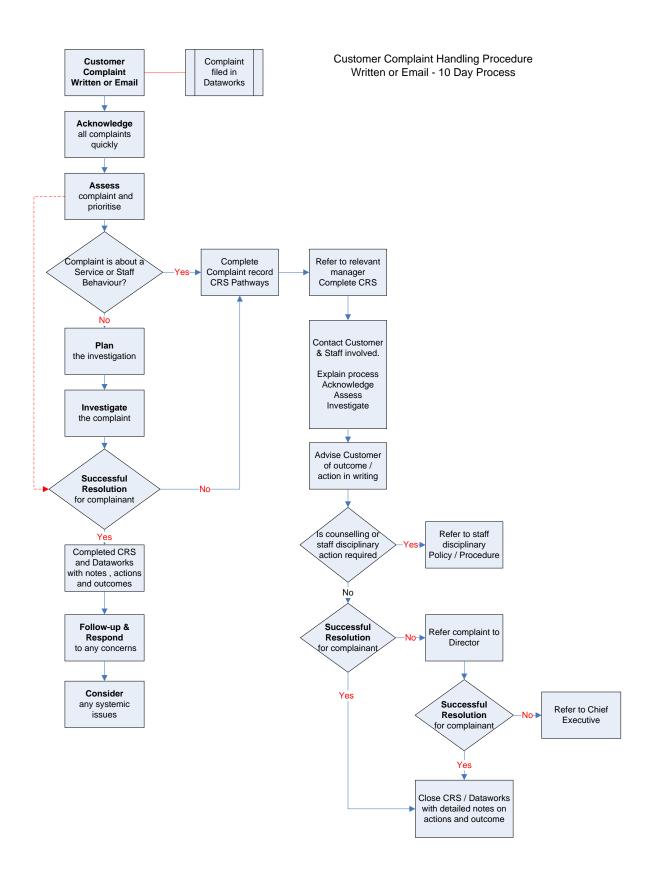
Where a Manager/Director cannot resolve a complaint it will be referred to the Chief Executive for resolution. The Chief Executive Officer also has the discretion to appoint an independent Ombudsman to mediate the process from within the Office of the Commonwealth Ombudsman. Alternatively complainants can contact the Ombudsman's office for further information and advice.

#### 4.2 RELATED DOCUMENTS

- Staff code of conduct
- Staff Disciplinary Policy & Procedures
- Customer Service Standards

- Customer Service at Knox brochure
- Customer Feedback Form brochure
- Whistleblowers Protection Act





#### APPENDIX Q

#### Community Engagement Policy

Policy Number:	2007/10	Directorate:	Office of CEO
Approval by:	Council	Responsible Officer:	Strategy & Business Intelligence
Approval Date:	22/2/2021	Version Number:	3
Review Date:	23/9/2023		

#### 1. Purpose

The purpose of this Policy is to define and direct a considered, fit for purpose Council approach to community engagement. Our Policy aims to establish principles to guide engagement practices that results in improved decisions and services for the community. This includes good governance and transparency in decision making.

Community engagement values and acknowledges the skills, views and expertise in the community. This leads to strengthened local democracy, better community outcomes and an increase in community trust.

The Policy is designed to support compliance with the Local Government Act 2020 requirements for community engagement.

#### 2. Context

Knox City Council is committed to effective, fit for purpose and open community engagement. Having the opportunity to have a say and be listened to tells us we are valued. It gives us a sense of ownership of processes and outcomes and adds to our sense of feeling that we are part of our community.

Our community is shifting and evolving. The Knox community is represented by a diverse group of people with their own values and community connections. Figures from the 2016 Census show that in the Knox community:

- people are getting older
- cultural diversity is increasing
- there is more variety in the types of housing we are living in
- people are becoming more educated
- people are working closer to home.

The changing nature of the Knox community emphasises the importance of an ongoing dialogue between community and Council. Councillors play an important role in engaging with the community through all stages of the decision making process.

The Local Government Act 2020 requires all Councils to adopt and maintain a community engagement policy developed in consultation with the municipal community. The policy must be capable of being applied to Council's local laws, budget and policy development. The policy is required to describe the type and form of community engagement, include a process for informing the community of the outcome of the engagement and include deliberative engagement practices capable of being applied to the development of the Community Vision, Council Plan, Financial Plan and Asset Plan.

The Act also outlines the need for all Councils to have a community engagement process with the following principles:

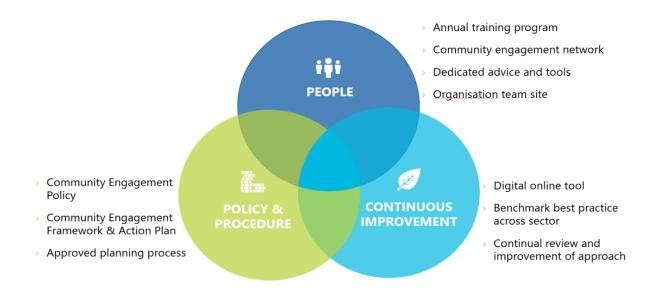
- a community engagement process must have a clearly defined objectives and scope
- participants in community engagement must have access to objective, relevant and timely information to inform their participation
- participants in community engagement must be representative of the persons and groups affected by the matter that is the subject of the community engagement

- participants in community engagement are entitled to reasonable support to enable meaningful and informed engagement
- participants in community engagement are informed of the ways the community's input will influence Council decision making.

The Community Engagement Policy aims to support the strategies included in the Community and Council Plans, with a strong focus on strategies relating to increased transparency and confidence in decision making across all levels of government and increased engagement participation from across all sectors of the community.

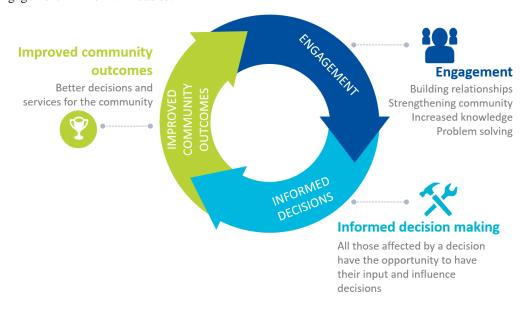
#### Scope and responsibilities

Knox City Council's community engagement approach links our people, policy and continuous improvement together to achieve the best outcomes for our community. This is shown as follows:



Community engagement takes place for many different reasons. Some community engagement involves opportunities for the community to contribute to the decision making process. Other opportunities arise when Council facilitates relationship building between and with stakeholders such as community groups. Community engagement also aims to strengthen the capacity of Council and the community to increase our knowledge, problem solve, support each other or change behaviours.

Community engagement in Knox will lead to:



This Policy applies to all Council Staff & Councillors who undertake community engagement on behalf of Council. This includes:

buncillors	esponsible for endorsing a community engagement policy every four years. Involved throughout all ages of the decision making process. Ensure that matters under consideration are informed by the anned level of community engagement. Balance the range of stakeholder views and concerns on issue when making a decision.	
ouncil Management	ncil Management lampion better practice community engagement through policy, process and leadersh onitor implementation and compliance with this policy	
mmunity	sponsible for preparing and engaging with staff and the community on the Policy and related	
ngagement Team	amework and Action Plan. This includes the implementation of the Action Plan.	
ficers	sponsible for adhering to this Policy to ensure good engagement practices and continual provement of decisions for our community.	
onsultants and	sponsible for adhering to this Policy to ensure good engagement practices and continual	
olunteers	provement of decisions for our community	

#### 4. Definitions

Council	Means Knox City Council, whether constituted before or after the commencement of this Policy.		
Councillor/s	An elected representative of the municipality.		
Council Staff	Employee - Any permanent, part-time, temporary or casual employee of Council.  Contractor/Agency/Labour Hire Worker - Any contractor/agency/labour hire worker who provides services or undertakes work on behalf of Council.  Volunteer/s A member of the public when contributing directly to a Council program/service/event and who: is registered as a Council volunteer; or is part of any count with regard to volunteer hours contributed to Council programs/services/events. For the purposes of this Policy a volunteer also includes students on work/student placement.		
Community	Broadly defined as those who have an interest in or are affected by the business of Council and the way it operates and includes: residents and landowners, businesses, workers, organisations and visitors.		
Community Engagement	Any process that values and facilitates community input to help Council make better-informed decisions. It recognises that if the community is going to be affected by a decision, it needs to be engaged in the decision-making process in some way.		
Community Engagement Advocates	A cross organisation peer support group comprising Council staff trained and certified in IAP2, fostering best practice and facilitating a whole of Council approach to community engagement.		
Community Engagement Framework	The Community Engagement Framework outlines the community engagement activities Council will undertake within its community engagement program.		
Community Engagement Plan	A Plan that is developed in conjunction with a project plan, which outlines the community engagement stages, level of community participation in decision making, objectives, techniques, stakeholders and deliverables.		
Community Engagement Spectrum	A tool designed to assist with the selection of the level of participation from less active to more active involvement. The spectrum includes the levels: inform, consult, involve, collaborate and empower. It defines the community's role and the formulation of the community engagement goal and promise which drives the engagement process. It is based on the IAP2 Spectrum.		
Deliberative Engagement			
IAP2	The International Association for Public Participation is a world-wide association of members who seek to promote and improve the practice of public participation.		

### 5. Council Policy

#### 5.1 Objectives

- To support informed decision making, governance and active civic participation and democracy by ensuring that all community engagement activities conducted by Council are in line with the principles outlined in section 5.2.
- To acknowledge the diversity of skills, views and expertise in the community and involve the community, where appropriate, in Council decision-making processes.

#### 5.2 Approach

Council will use the following approach to ensure effective community engagement in line with the principles detailed in the Local Government Act 2020:

Approach	How this will be achieved
We <b>respect</b> people's time, <b>listen</b> in order to understand viewpoints and value community input to inform our decision making.	Council will actively engage and ensure community input is included in decision making.
We are <b>adaptable</b> and <b>flexible</b> to evolving circumstances	Council will respond to newly identified stakeholders and changing community needs throughout the engagement process.
We work with others, integrate across teams and sectors to strengthen outcomes for the community.	<ul> <li>Council will support and train staff on systems and processes to support community engagement. Council to work with consultants to ensure they are aware of the Policy and related procedures.</li> <li>Where possible, Council will work across teams to ensure effective and comprehensive community engagement.</li> <li>Council will foster best practice and facilitate a whole of Council approach by facilitating a cross organisational community of practice.</li> </ul>
We are open, honest and <b>transparent</b> at all times and are clear to what extent the community can influence outcomes.	<ul> <li>Council will design and implement its community engagement processes using the Knox Community engagement approach based on the IAP2 best practice framework.</li> <li>Council will undertake planned community engagement processes and activities to maximise participation of those impacted by a decision.</li> </ul>
We include all stakeholders affected and interested in the decision and seek to engage with those <b>representative</b> of our community.	Engagement Policy and processes to the community.  • Council will engage with those representative of the community to enhance community engagement processes and outcomes.
We are <b>resourceful</b> , engage early and often, have a clear <b>purpose</b> and are sensitive to what has happened in the past.	Council will consider a diverse range of community engagement methods, adopting a prevention and early intervention approach.
We <b>reflect</b> and inform our community of the outcome. We report back indicating how community input has been used.	<ul> <li>Council will review engagement activities to continually improve its practices.</li> <li>Council will report back to our community in a timely manner about how their input was considered within the final outcome.</li> <li>Council will, as far as practicable, collate community engagement output data in the document management system to support integrated planning and service delivery.</li> </ul>

#### 5.3 IAP2 Model

Council will use the IAP2 model of engagement to guide planning and implementation of community engagement activities.

#### Council's engagement level (IAP2 model)

Goal	Style	Examples
Goai	Style	Lampies

Inform	To provide stakeholders with balanced and objective information to assist them in understanding the problem, alternatives and solutions	One way communication 'Here's what's happening'	Ads, factsheets, websites
Consult	To obtain stakeholder feedback on analysis, alternatives and/or decisions	Obtaining feedback 'Here are some options, what you think?'	Surveys, focus groups
Involve	To work directly with stakeholders throughout the process to ensure that their concerns and aspirations are consistently understood	Participatory process to identify issues and views 'Here's a problem, what ideas do you have?'	Advisory committees, workshops
Collaborate	To partner with stakeholders in each aspect of the decision from development to solution	Working together  'Let's work together to solve this problem'	Partnerships, participatory decision making
Empower	Shared leadership of community- led projects with final decision- making at the community level	Building community capacity to be change leaders 'You care about this issue and are leading an initiative, how can we support you?'	Facilitation of networks, campaigns

Source: Adapted from Tamarack Institute and IAP2

#### 5.4 When to engage

Council will determine the need for community engagement considering the following:

Impact level	Description	Criteria (one or more may apply)	Examples
Level 1	High impact LGA wide  Community engagement plan essential  Include deliberative engagement practices	<ul> <li>Legislative requirements (as listed above)</li> <li>Expected high level of interest from the community</li> <li>High level of political interest</li> <li>Potential to impact on regional or state strategies or direction</li> <li>Any changes that impact on the health, safety and wellbeing of the broader community (not including immediate risk)</li> <li>Significant environmental changes or impacts</li> <li>Need to understand community values and priorities to inform policies, planning or service</li> </ul>	<ul> <li>Strategic plans</li> <li>Significant Council policies, plans or by-laws</li> <li>Major changes to city-wide services e.g. waste services or childcare</li> <li>Masterplans</li> <li>Customer facing IT solutions</li> </ul>
Level 2	High impact in a local area  Community engagement plan essential	<ul> <li>Removal or significant changes to a facility or service to a local community/user group</li> <li>High level of community or sectional interest</li> <li>Potential for impact on property values</li> </ul>	<ul> <li>Upgrades to Reserves and Open Space</li> <li>Playground upgrades</li> <li>Major local road work</li> <li>Significant changes to car parking</li> <li>Change of use and major upgrades to buildings and</li> </ul>

Impact level	Description	Criteria (one or more may apply)	Examples
			<ul><li>infrastructure</li><li>Involves heritage</li><li>Naming/re-naming of parks or buildings</li></ul>
Level 3	Lower impact LGA wide  Community engagement plan desirable	<ul> <li>Potential for some community or sectional interest.</li> <li>Potential for some, although not significant impact on regional/state strategies or direction</li> <li>Minor changes to recurring large scale programs</li> <li>Need to build community action around an issue</li> <li>Potential opportunity to establish partnerships to address an issue</li> <li>More information is needed to reach a decision</li> </ul>	<ul> <li>Minor changes to processes</li> <li>Minor changes to services e.g. events such as Knox Festival or Sorry Day</li> <li>Minor impacts vulnerable groups</li> <li>Non-contentious changes to fees and charges</li> </ul>
Level 4	Lower impact in a local area  Community engagement plan optional	<ul> <li>Minor changes to facility or services at a local level</li> <li>Minor works</li> </ul>	<ul> <li>Normal road works</li> <li>Development of local programs</li> <li>Landscaping</li> </ul>

#### 5.6 When community engagement activities may not occur

There may be times when community engagement activities do not occur. An example of this is when the health, safety and wellbeing of the community is affected and Council needs to respond quickly, such as in an emergency. Other examples include legislative requirements, situations where Council has no jurisdiction over the decision or when confidentiality and privacy issues limits meaningful discussion.

#### 5.7 Community Engagement Plan endorsement

Council staff completing Community Engagement Plans will seek endorsement from their Director for Level 1 plans. All Councillors will be advised of Level 1 plans. All plans will be developed in consultation with the Community Engagement Team and Senior Managers. Ward Councillors will be engaged, for Ward specific projects.

#### 5.8 How we will engage

The community engagement process at Knox City Council involves five steps:

- 1. Define the impact, objectives and engagement level for the project.
- 2. Select which parts of the community Council will engage with.
- 3. Plan the engagement tools to be used.
- 4. Manage the risk and approvals required for community engagement activities (see 6.6 of Policy).
- 5. *Report* review the engagement activity.

Knox City Council's Community Engagement Planning Toolkit provides more detail on each step.

#### 5.9 Evaluation and review of the community engagement process

Reporting back to the community on decisions and evaluating and reviewing the community engagement approach will be key responsibilities of those managing the community engagement process. Evaluation of the community engagement process will include assessment of robustness, inclusiveness and level of information and transparency.

#### 6. References

#### 6.1 Knox City Council Community & Council Plan 2017-2021

• Goal 8: We have confidence in decision making

#### 6.2 **Relevant Legislation**

- Local Government Act 2020 Part 3 Council decision making
- Privacy and Data Protection Act 2014
- Equal Opportunity Act 2010
- Public Health and Wellbeing Act 2008
- Planning and Environment Act 1987

#### 6.3 Charter of Human Rights

This policy has been assessed against the rights contained within the *Charter of Human Rights and Responsibilities Act 2006* and is deemed compatible with the Charter.

#### 6.4 UN Rights of the Child

• Standard 7 – Child Safe Standards. Article 12 – Right to engage as active citizens.

#### 6.5 Related Council Policies

- Councillor Code of Conduct
- Staff Media Policy
- Councillor Media Policy
- Staff Social Media Policy

#### 6.6 Related Council Documents and Procedures

- Community Engagement Framework & Action Plan
- Community Engagement Planning Process
- Communications Planning Procedure

#### 7. Administrative Updates

From time to time, circumstances may change leading to the need for minor administrative changes to this policy. Where an update does not materially alter this policy, such a change may be made administratively. Examples of minor administrative changes include changes to names of Council departments or positions, change to names of Federal or State Government departments or a minor amendment to legislation that does not have material impact. Where any change or update may materially change the intent of this policy, it must be considered by Council.