




Lifestyle Capital of Victoria

Frankston City Council

Electric Line Clearance Management Plan

2023/24

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Signature: 

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This Electric Line Clearance Management Plan has been formatted to align to the structure of the Electrical Safety (Electric Line Clearance) Regulations 2020.

REGULATION 9 - PREPARATION OF A MANAGEMENT PLAN

The following sections describes Frankston City Council compliance regarding the Electricity Safety (Electric Line Clearance) Regulations 2020.

9(2) Preparation of a Management Plan by 31 March each year

Before 31 March in each year, a responsible person must ensure that a management plan relating to compliance with the Code for the next financial year is prepared. The responsible person name in 9.3(b) will ensure that Council's ELCMP is prepared before 31 March each year and submitted to ESV within 14 days of request. The ELCMP will be internally reviewed, amended and authorised before 31 March each year

9(4)(a) Name position address and telephone number of the responsible person.

Name:	Phil Cantillon
Position:	Chief Executive Officer - Frankston City Council
Business Address	Civic Centre, 30 Davey Street, Frankston, PO Box 490 Frankston VIC 3199
Telephone	1300 322 322
E-mail	info@frankston.vic.gov.au

9(4)(b) Name position address and telephone number of the individual who was responsible for the preparation of the management plan.

Name:	Brad Hurren
Position:	Manager Operations - Frankston City Council
Business Address	Civic Centre, 30 Davey Street, Frankston, PO Box 490 Frankston VIC 3199
Telephone	1300 322 322
E-mail	info@frankston.vic.gov.au

9(4)(c) Name position address and telephone number of the persons who are responsible for carrying out the management plan.

Name:	Aaron Richardson
Position:	Section Leader Tree Maintenance - Frankston City Council
Business Address	Civic Centre, 30 Davey Street, Frankston, PO Box 490 Frankston VIC 3199
Telephone	1300 322 322
E-mail	info@frankston.vic.gov.au

9(4)(d) Telephone Number of a Person who can be contacted in an Emergency that requires Clearance of a tree from an Electric Line

Name:	Frankston City Council, Emergency After Hours (All Hours)
Telephone	1300 322 322

9(4)(e) Objectives of the Management Plan

The following objectives and commitments are identified Frankston City Council in this ELCMP to fulfil the duties as set out under the Electrical Safety (Electric Lines Clearance) Regulation 2020 and the Code of Practice for Electrical Lines.

- **Compliance to this plan and the Electrical Line Clearance Regulations 2020** will maintain a safer environment for the public, community and electricity distribution within Frankston City Council FCC. This will be achieved by the ongoing management and performance measurement of works undertaken on trees near power lines to meet this regulation.
- **To provide a safer working environment for FCC employees and contractors** by the adherence to all regulations, codes, practices and training requirements of Electrical Line Clearance Regulations 2020.
- **To ensure electricity companies can provide a reliable supply.** Frankston City Council will maintain ongoing dialog, audits, mapping and system reviews with delegates from United Energy UE Country Fire Authority CFA and Energy Safe Victoria ESV.
- **To maintain, protect and minimise impact to significant vegetation,** of historical aesthetic and ecological value, tree health and habitat of threatened species where it may be affected by electric lines.
- **To improve the communities understanding** of electric line clearance and vegetation needs by providing community information and consultation.
- **To minimise potential fire risk** by complying with Council's Municipal Fire Management Plan.

The commitment by Frankston City Council's managers, Arborists and its contractors to this ELCMP is to adhere to the regulations. Evidence of this will be measured by line clearing contractor KPIs, contractor audits, and post work inspections verified by FCC officers.

9(4)(f) The Land to Which the Management Plan Applies by Inclusion of a map.

Within the municipal boundaries of Frankston City Council are Energy Safe Victoria ESV declared areas, these generally being the limit of urban growth in 1983. This plan includes all trees located on Council managed land and road reserves within these declared areas that grow in the vicinity of electric lines. GIS tree survey data shows there are 63,060 trees within FCC streets and 34,000 of these are within the declared areas. GIS data shows FCC has some 8000 trees which require electric line clearance or approximately 4000 trees per annum under this plans two year cycle. Council will correspond and meet. Maps of the Frankston City Council Municipal boundaries and Declared Urban Area are included in [Appendix 1 - Declared Urban Area of Frankston City Council](#)

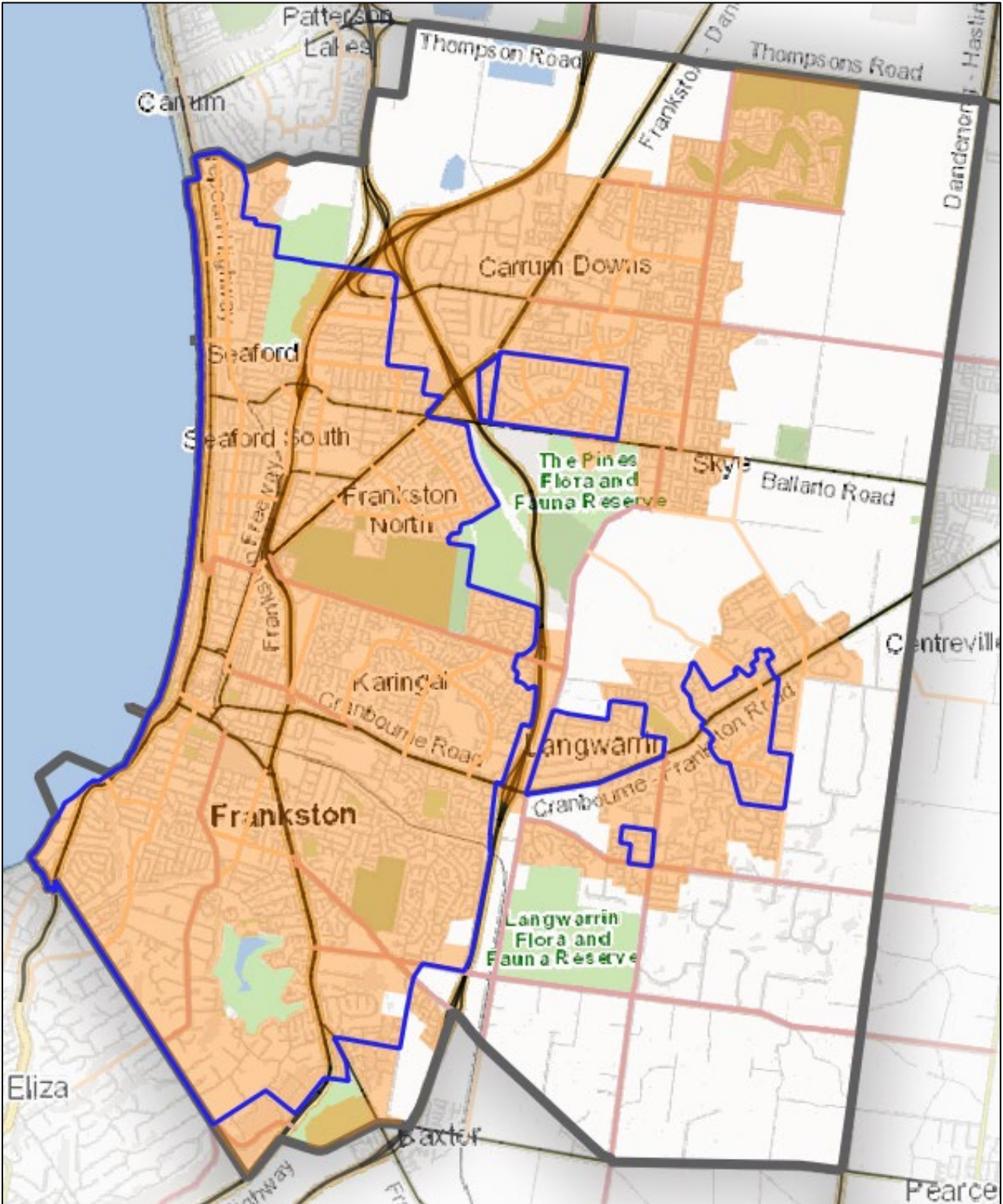
9(4)(g) Any hazardous bushfire risk areas and low bushfire risk areas in the land referred to in paragraph 9(4)(f) (as indicated on the map)

Council will annually review map data updates and changes to the Low Bushfire Risk Areas (LBRA) and High Bushfire Risk Areas (HBRA) within the declared are of Frankston Council.

[Appendix 2a – Low Bushfire Risk Area \(LBRA\)](#)

The Low Bushfire Risk Area (LBRA) is shown as orange shaded area.

The ESV Declared Urban Areas on this map are shown as blue outline. All areas outside this outline are managed by the Distribution Business, United Energy.



Appendix 2b - High Bushfire Risk Area (HBRA) within the FCC declared urban area

9(4)(h) 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) Indigenous to Victoria

For the purpose of this plan, Frankston City Council considers trees and shrubs *indigenous* to the area. Frankston City Council has a mix of indigenous species throughout the Declared Urban areas as described in the 2006 vegetation study. Frankston City Council tree maintenance contractors have access to councils GIS database where all relevant tree attribute data is stored including species origin (indigenous, native, exotic).

<https://www.frankston.vic.gov.au/Environment-and-Waste/Environment/Biodiversity/Native-Flora>

(ii) Listed in the Planning Scheme to be of Ecological, Historical or Aesthetic Significance.

There are various areas within Frankston City protected under the Frankston Planning Scheme for their ecological, historical or aesthetic value. These are detailed in the Planning Scheme under the Significant Landscape Overlay (SLO), Environmental Significance Overlay (ESO) or Heritage Overlay (HO), and their respective schedules. Details of these can be found in the Planning Scheme documents on the public record. Sites of significant roadside vegetation are also identified by installed signage. Frankston City Council tree maintenance contractors have access to councils GIS database where all relevant tree attribute data is stored, including relevant planning overlays. If further clarity is required Council Arborists will provide further information to contractors on a case by case basis.

http://www.frankston.vic.gov.au/Planning_and_Building/Planning

<https://www.frankston.vic.gov.au/Environment-and-Waste/Environment/Trees/Trees-Register-on-Public-Land>

(iii) Trees of Cultural or Environmental Significance.

Trees on Council lands roads or public land maybe protected under a Local Law or Planning controls.

<https://www.frankston.vic.gov.au/Environment-and-Waste/Environment/Trees/Local-Laws-for-Trees>

<https://www.frankston.vic.gov.au/Planning-and-Building/Planning/Request-a-planning-enforcement-investigation>

In addition to this Council maintains Register of Significant roadsides vegetation. Frankston City Council tree maintenance contractors have access to councils GIS database where all relevant tree attribute data is stored, including councils significant tree register. *Appendix 3: Register of Significant Trees on Public Land – Current*

There are no known sites where threatened fauna occur in Council trees affected by electric line clearance. Any future sites identified with threatened species as listed below will be documented in the GIS database.

<https://www.environment.vic.gov.au/conserving-threatened-species/threatened-list>

9(4)(i) The means which the Responsible Person is required to identify a Tree specified in paragraph 9(4)(h)

Council and its contractors can identify trees referred to in section (g) of the Plan that are; (i) indigenous, (ii) listed in a planning scheme to be of Ecological, Historical or Aesthetic Significance or (iii) of Cultural or Environmental Significance by checking & verifying their inclusion in;

- Council planning scheme overlay for historical, cultural, environmental or aesthetic significance see:
<http://planning-schemes.delwp.vic.gov.au/schemes/frankston/maps>
- The Victorian Aboriginal Heritage Register established under the Aboriginal Heritage Act 2006 see:
<https://www.firstpeoplesrelations.vic.gov.au/victorian-aboriginal-heritage-register>
- Flora or habitat of fauna listed as threatened in accordance with section 10 of the Flora and Fauna Guarantee Act 1988 & The Flora and Fauna Guarantee Amendment Act 2019 see:
<https://www.environment.vic.gov.au/conserving-threatened-species/victorias-framework-for-conserving-threatened-species>
- Flora listed in the Threatened Flora List with a conservation status in Victoria of 'endangered' or 'vulnerable' or 'critically endangered' and 2022 amendments see:
<https://www.environment.vic.gov.au/conserving-threatened-species/threatened-list>

Council routinely reviews these overlays and registers. Prior to this ELCMP annual submission they will be checked to ensure they are current and accurate. Frankston City Council staff, contractors, local authorities and distribution businesses will be informed of these overlays, registers and associated updates so they have current and clear understanding of the location of these trees and vegetation. Frankston City Council Operation Department manages and monitors areas of high value vegetation and reports on noncompliance to the above Acts and Regulations to Frankston City Council Planning and Environment department.

9(4)(j) The management procedures that the Responsible person is required to adopt to ensure compliance with the Code which -

- (i) **Must include details of the methods to be adopted for managing trees and maintaining a minimum clearance space as required by the Code;**

Managing Trees

Frankston City Council has adopted a formal approach to managing trees within the Declared Urban Area requiring all trees to be assessed and pruned to provide adequate power line clearance for species regrowth over a two year cycle.

See [Appendix 4 - Two Year Cyclic Pruning Schedule](#) and [Appendix 5 - Map of 24 Road Management Plan \(RMP\) zones update](#).

Data collected over a 17 year span show Frankston City Council has 34,000 trees within the declared areas. From this data it's also known that some 8000 trees require line clearance or 4000 trees per annum under the 2 year cycle. Frankston City Council has divided its region into 24 Roads Management Plan (RMP) Zones and each zone is GIS pre audited for required tree clearance works. Using the minimum clearance space for two years regrowth, as per *Appendix 6 - Maintaining a minimum clearance space*. Observed line clearance work are logged & preserved in the GIS data base and from this a work zone pack is extracted and issued to Power line Vegetation Control ESI trained contractors. During each month regular and random zone site inspections are undertaken by a Council Arborist and Council Contract Supervisor to ensure correctly trained and qualified personal are undertaking the pruning work. Frankston City Council Officers meet and liaise regularly with the United Energy vegetation representative. On a needs basis Council will liaise with Metro Trains (1800 800 007, PO Box 1880 Melbourne VIC 3000) as a rail corridor runs though Frankston. The minutes of these meetings and outcomes are filed and preserved in our records management system.

Managing and recording regrowth

Additional RMP zone tree inspections continually occur throughout Frankston City Council as some species of trees are known to regrow beyond predicted or accepted rates. Please see table *Appendix 6 - Predominate FCC tree species regrowth pruning guidance chart*. Trees identified with high regrowth rate will be reactively pruned to maintain correct clearance and trees that habitually trespass line clearance space will be considered for removal and replacement. Any notification of non-compliant trespass by tree limbs will be inspected within two days and rectified to secure or clear by ESI trained personnel within 14 days.

Each year prior to summer fire declaration Frankston City Council Arborist will inspect audit and report upon the compliance of vegetation in its areas of HBRA. This filed report with dated photographs is supplied to ELCMP managers and the Distribution Business (DB), United Energy (UE) to confirm these areas have been observed and works undertaken to ensure line clearance compliance.

Council street scape & tree planting strategy

The removal of inappropriate species and planting of suitable street trees species within the vicinity of overhead electric lines is drawn from Council's approved Street Tree Master Plan 2006. This Plan can be found on Council's website at the link below.

[Frankston City Council - Street Tree Master Plan & Urban Forest Action Plan](#)

https://www.frankston.vic.gov.au/files/assets/public/environment-and-waste/environment/trees/pdfs/street_tree_master_plan_report_jan_2007.pdf

<https://www.frankston.vic.gov.au/Community-and-Health/Environment/Trees-and-vegetation/Urban-Forest-Action-Plan>

- ii) **For the purposes of determining a minimum clearance space in accordance with Division 1 of Part 3 of the code – A) Must specify the method for determining an additional distance that allows for conductor sag and sway; and B) May provide for additional distances to be determined for different parts of an electric line span:**

Generally the overall distance of power line bays within the declared areas of Frankston City Council will not require sag or sway estimation as per 2020 regulations. There are four bays of high voltage 66kv spans over 45m distance and these have been identified as having high sag and sway potential in conditions of heat and/or wind. This can be found outside Monash University in LBRA where a 66kv line runs south along Moorooduc Rd to Golf links road. With this knowledge, the vegetation clearance of these line bays shall be kept greater and the determination will be via [Appendix 6 - Maintaining a minimum clearance space – Graph 4](#) formula for sag and sway for uninsulated 66kv electric line in Low Bushfire Risk Area. The minimum clearance distance is determined to be 2250 millimetres.

Frankston City will consult with its United Energy delegate Council Liaison Officer CitiPower, Powercor & United Energy Ph, 9683 4851 to further determine sag and sway clearance requirement. For spans greater than 100 meters within LBRA or spans greater than 45m in HBRA Frankston City Council will consult the distribution company for sag and sway clearance requirements. These sag and sway actions and determination records shall be kept on file for five years. Frankston City Tree Contactors are kept informed of these spans with higher needs and they shall be annually audited as part of Councils pre summer fire season HBRA zone declaration compliance. This audit report is supplied to UE and saved Council correspondence files preserved for over five years.

9(4)(k) 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.

Frankston City tree contractors and internal staff are required to prune to the Australian Standard Pruning of amenity trees AS4373 (2007) utilising current arboricultural education and training for amenity tree pruning techniques and the works quality are regularly inspected. This expertise combined with the use of industry benchmarks, appropriate and compliant tested plant and equipment will as far as practicable ensure proper tree clearing methods and public's safety.

If any case arise where FCC is unable to comply with AS 4373 Arborist will inspect and determine best action for compliance to the regulations while considering the health and safety of the trees concerned. In reference to AS4373 "practicable" means works which is or was at the time reasonable or practicable to be done in relation to securing the trees health and safety. This definition shall be provided to ELC program personal via the contract specification and meetings

9(4)(l) A description of each alternative compliance mechanism in respect of which the responsible person has applied or proposed to apply, for the approval under clause 31 of the code.

No exemptions are applied or expected to be applied for by Frankston City Council. Alternative measures or methods if required to keep these clearance spaces free of vegetation may include undergrounding, installation of Aerial Bundled Conductors (ABC), alternative placement of electric lines, removal and replacement of problem species, adopting higher frequency inspections and pruning maintenance cycles.

9(4)(m) the details of each approval for an alternative compliance mechanism that- (i) the responsible person holds; and (ii) is in effect.

This section is not applicable, no alternative compliance mechanisms are expected to be applied as per section 9(4)(l)

9(4)(n) A description of the Measures that must be used to assess the performance of the Responsible Person under the Management Plan

Performance measures for the implementation of the plan are:

- Preparation of ELCMP by 31 March annually.
- Asset management system generates a post work random audit of 80% of trees completed by Frankston City Councils electrical line clearance contractor every month.
- Audit report and filing of HBRA compliance areas within Frankston by 1st November
- Number of pruning requests from the distribution company to be stable or decreasing
- Number of valid line pruning requests from the community to be stable or decreasing
- Satisfactory audit of Council's Tree Maintenance Contractor's Compliance with the code
- 2022 report by ESV showing FCC classification of inspected spans within its network see [Appendix 7 –](#).
- Adherence to the tree contract specification and measures to audit and meet monthly KPI targets as per [Appendix 10B – Table example outlining contract program KPI's](#)

These records are kept in Council's Customer Service Requests PCS and REM correspondence database and its GIS tree inventory system.

Frankston City Council GIS tree data collection allows its Arborist to interrogate and interpret to individual tree and species level. This technical ability can be used to predict trends and identify areas of improvement or opportunity.

9(4)(o) Details of the Audit processes that must be used to determine the Responsible person's compliance with the Code

Trees within the declared zones of Council are GIS inspected by a qualified Arborist for noncompliance and corrective clearance works orders completed. When each zone is completed a post work audit is then undertaken by the contractor checking trees for compliance and regrowth clearances and this is supplied back to Arborist.

Council utilizes the FAMIS/FieldGo Asset Management software system that generates a random 20 % post zone audit each month, examples are found in [Appendix 8 - Frankston City Council Location and Records of power line audits](#). This illustrates how the data is displayed and the systems requirement to visit each sites and observe correct tree clearance before each unique job is closed, dated and electronically recorded as satisfactory completed.

If any noncompliance of vegetation and power lines is observed within the zone work areas it's then extracted and returned to the contractor with 14 days to rectify.

The audit and work performance results are discussed during monthly contract meetings and saved into Council's Electronic Document Management System. Contractors are required to address any areas of noncompliance identified within 14 working days.

Auditing and inspection of contractor staff OHS is undertaken monthly by the Council's Arborist with qualifications and competency checked and field tested in work site inspections and emergency scenarios. These site inspections are filed into a record system/contract management. See [Appendix 9 - Staff training matrix example](#) and [Appendix 10 – Field Audits and KPI's](#)

Council annually issues customer satisfaction surveys to the public and the response can benefit future work planning and programing.

9(4)(p) The qualifications and experience that the responsible person must require of the persons who are to carry out the inspection, cutting or removal of trees in accordance with the Code and the Electricity Safety (General) Regulations 2019;

The Electrical Safety Rules for Vegetation Management Work Near Overhead Powerlines by Non-Electrical Workers (Energy Safe Victoria) establishes the minimum standards to be used, in addition to other occupational safety and health requirements, to enable safe vegetation management work in the vicinity of or near live overhead powerlines by persons not working for or under the control of an electricity asset owner, but working for another responsible person.

Frankton City Council will ensure that all staff and contractors working around electric lines are working as qualified persons as defined Under Regulation 616(2) of the Electricity Safety (General) Regulations 2019, as “a person who holds a current certificate that is approved by Energy Safe Victoria, specifying satisfactory completion of a training course in tree clearing”. As defined in the Regulations, a “suitably qualified arborist” has:

- As a minimum, a Certificate III in Arboriculture including the 'Perform a ground-based tree defect evaluation' unit or equivalent
- At least three years of experience assessing trees.

Work role and competency required for all qualified persons carrying out vegetation management work near overhead power lines on behalf of Frankston City Council are as follows:

Work Role	Competency	Code
All ELC staff - excluding chipper operators	Certificate 2 in ESI - Powerline Vegetation Control	UET20321
	Comply with environmental requirements	UETDREL002
	Working safely near live electrical apparatus as a non-electrical worker	UETDREL006
	Operate and maintain chainsaws	AHCMOM213
	Apply work health and safety requirements for powerline vegetation control	UETDRVC001
	Monitor vegetation control work in the vicinity of live electrical apparatus	UETDRVC009
EWP Operator and EWP Safety Observer	Apply pruning techniques to vegetation control near live electrical apparatus	UETDRVC33
	Control vegetation using pruning techniques	UETDRVC007
	Licence to operate a boom-type elevating work platform (also equivalent is High risk work licence - WP)	TLILIC0005
Tree Climber and rescue Climber/Safety Observer	Control vegetation in the vicinity of live electrical apparatus from within the tree	UETDRVC006
	Apply pruning techniques to vegetation control near live electrical apparatus	UETDRVC33
	Perform rescue from within a tree in the vicinity of live electrical apparatus	UETDRVC010
	Access trees for inspection	AHCARB322
Tree Inspector	National Certificate Level III in Arboriculture, including the "Perform a ground-based tree defect evaluation" unit or an equivalent qualification	AHCARB408
	At least 3 years field experience in assessing trees	

Frankston City Council requires expertise, quality management, OH&S systems and environmental management systems of its contractors and internal staff to ensure compliance with Council's contract specifications and Industry Standards. All pruning under this Plan will comply with Australian Standard 4373-2007 Pruning of Amenity Trees as a minimum. All persons pruning trees under this Plan must be inducted into the system and kept current by annual refresher training the following:

- Certificate II in ESI Power line Vegetation Control and work role electives.
- Manual Handling. Noise conservation training. First Aid, Chainsaws Operation Elevating Work Platform (EWP) Emergency procedures including (EWP) escape training. Branch Chipper Operation Worksite Traffic Management
- All Contract Supervisors must in addition to the above have successfully completed and kept current a Certificate V in Arboriculture or higher.
- Records of qualifications for all staff undertaking works on Council trees are checked randomly and annually with files kept in Council's Electronic Document Management System. Any deficiency found in compliance to these qualification requirements maybe addressed by direct removal of staff from work site or by the contract performance auditing
- Personnel training details are recorded in a training matrix available upon request. An except exemplar is included in [Appendix 9 - Staff training matrix example](#)

Annual refresher training will be undertaken where required to ensure currency of training. Frankston City Council contractors working as qualified persons will adhere to:

- Electricity Safety (General) Regulations 2019
- Australian Standard AS4373-2007 – Pruning of Amenity Trees,
- The “Blue Book”, and
- Any organisational procedures, safe work method statements and Job Safety Assessments to ensure the work can be completed safely.

Frankston City Council contractors shall apply these rules when carrying out vegetation management work near overhead powerlines. Workers shall only undertake work for which they have been trained, assessed and deemed competent to enable them to safely perform the work. All training and annual refreshers will be undertaken by an approved Registered Training Organisation in accordance with the requirements of the current Regulations and that all new tree pruning personnel are appropriately inducted to Frankston City Council.

The contractor must ensure that an updated training matrix of licenses, training and competency details is provided to the Frankston City Council for each person required to conduct vegetation management work.

Frankston City Council will keep records of training and licenses of all authorized persons.

All electric line clearance personnel who are required to perform vegetation management work must carry all licenses / accreditations on their persons at all times. If any personnel are found to be onsite without the appropriate training or qualifications they must cease works immediately. Affected staff will not be permitted to perform any vegetation management work until such time that the relevant license and/or accreditation is presented. This will be recorded

as a serious non-compliance and communicated to the Frankston City Council and Operations supervisor immediately.

9(4)(q) Notification and consultation procedures, including the form of the notice to be given in accordance with Division 3 of Part 2 of the Code:

Frankston City Council's tree maintenance contractors are required to inform residents affected by tree pruning/removal for electric line clearance by media, advertisement or a notification letter prior to works. In the case of trees of environmental significance that require pruning/removal for the purpose of electric line clearance the tree maintenance contractor is required to notify Council, including the details of the impact the cutting or removal would have and the action taken to minimize impact.

Affected persons will be notified at least 14 days prior and no longer than 60 days before work is to commence via placement of notice into FCC Website , FCC Facebook and letterbox delivery of Contractor notification. See [Appendix 11 - Resident notification letters & tree maintenance web page](#) [Appendix 12 - Web page Tree maintenance program](#)

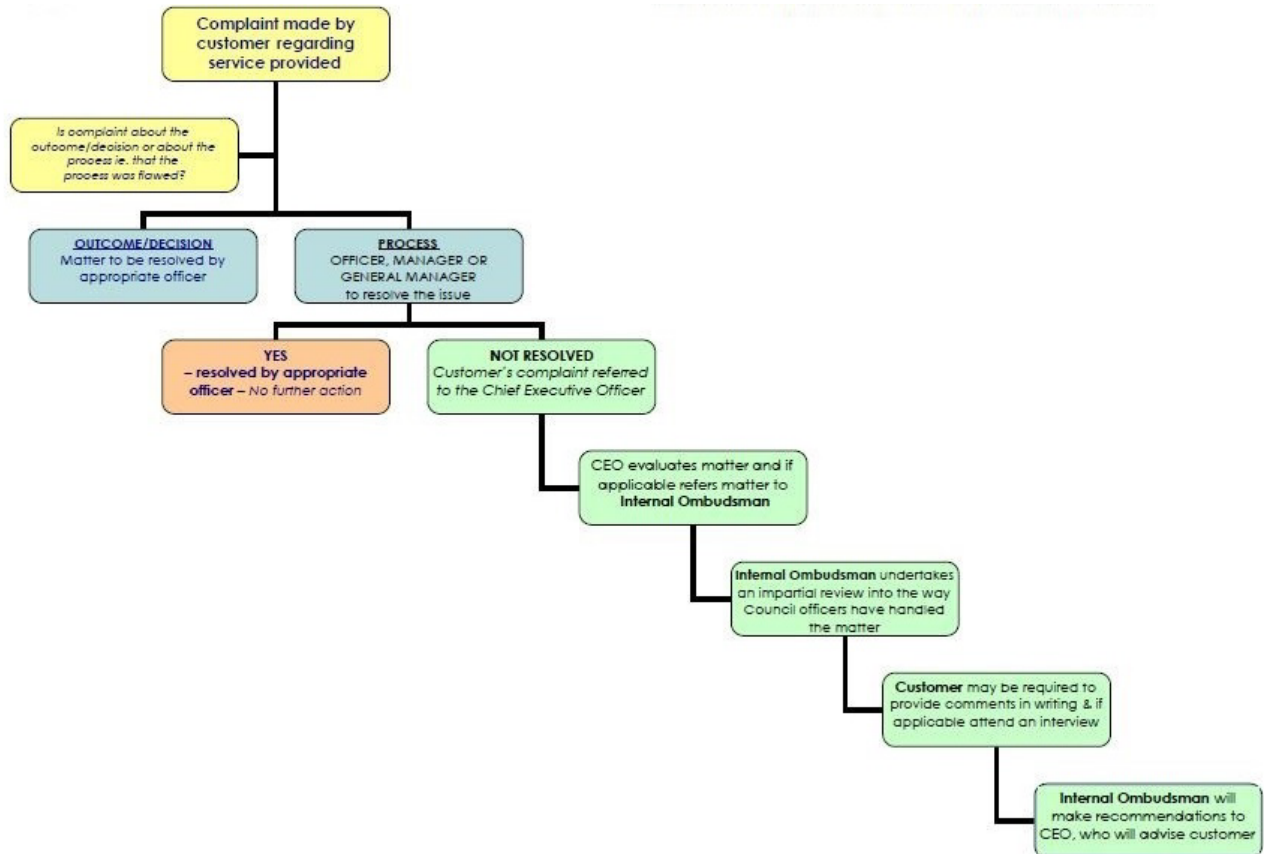
9(4)(r) A procedure for the independent resolution of disputes relating to electric line clearance;

If a member of the public has a concern or dispute with Council over its actions under this Plan they may review the document and its obligations at Frankston City principle office or via electronic copy available on Frankston City Council's website. Applications for dispute will be referred Frankston City Councils Manager of Operations. If the Manager cannot remedy or resolve the complaint it will be escalated through Council's internal dispute resolution system.

Where a dispute cannot be resolved directly between a member of the public and Council, Council will recommend that the person take their concerns to the Energy and Water Ombudsman of Victoria. Council will participate in any investigation or negotiation established by these external parties.

Energy and Water Ombudsman – 1800 500 509, Reply paid 469, Melbourne VIC 8060.

Flow Chart – Dispute resolution Process



9(4)(s) If Energy Safe Victoria has granted an exemption under regulation 11 relating to a requirement of the Code, details of the exemption or a copy of the exemption.

This section is not applicable to Frankston City Council, no exemptions apply.

REGULATION 10 – OBLIGATIONS RELATING TO MANAGEMENT PLANS

10(1) This regulation applies in relation to the management plan that a responsible person is required to prepare under regulation 9.

10(2) The responsible person must provide a copy of the management plan to Energy Safe Victoria within 14 days after a written request from Energy Safe Victoria or such longer period as specified by Energy Safe Victoria in the written request.

10 (3) The responsible person, if requested in writing to do so by Energy Safe Victoria, must provide further information or material in respect of the management plan within 14 days after the written request or such longer period as specified by Energy Safe Victoria in the written request.

10(4) The responsible person must amend the management plan if instructed to do so in writing by Energy Safe Victoria within 14 days after the written instruction or such longer period as specified by Energy Safe Victoria in the written instruction.

10(5) The responsible person must not contravene a requirement of the management plan if the management plan is approved by Energy Safe Victoria.

10(6) The responsible person must ensure that a copy of the current management plan is published on the responsible person's Internet site.

A copy of Council's Electric Line Clearance Plan is available on the Frankston City Council website

[Frankston City Council - Electric Line Clearance Management Plan](#)

REGULATION 11 – EXEMPTIONS

11(1) Energy Safe Victoria May exempt a Responsible person from any of the requirements of these Regulations subject to any conditions specified by Energy Safe Victoria.

11(2) A responsible person who is granted an exemption under this regulation must comply with the conditions (if any) of the exemption.

Frankston City Council has not applied for or been granted any exemptions under regulation 11

SCHEDULE 1 – CODE OF PRACTICE FOR ELECTRIC LINE CLEARANCE

PART 1 - PRELIMINARY

1. Definitions

Aerial bundled cable - means an insulated conductor manufactured in accordance with the specifications set out in any of the following—

- (a) AS/NZS 3560.1 as published or amended from time to time;
- (b) AS/NZS 3560.2 as published or amended from time to time;
- (c) AS/NZS 3599.1 as published or amended from time to time;
- (d) AS/NZS 3599.2 as published or amended from time to time;

Conductor Spreader - means an insulated rod used to maintain distance between uninsulated conductors of an aerial low voltage electric line;

Covered conductor - means an insulated conductor manufactured in accordance with the specifications set out in AS/NZS 3675 as published or amended from time to time;

Electrical cable - means an insulated conductor manufactured in accordance with—

- (a) the specifications set out in AS/NZS 1429.1 as published or amended from time to time;
or
- (b) the specifications set out in AS/NZS 1429.2 as published or amended from time to time;

Electric line span - means the section of the electric line between 2 adjacent supporting structures;

Extra low voltage - means a voltage not exceeding—

- (a) 50 volts alternating current; or
- (b) 120 volts ripple-free direct current;

Insulated cable - means a conductor insulated by a medium other than air and includes any of the following—

- (a) aerial bundled cable;
- (b) covered conductor;
- (c) electric cable;
- (d) a conductor to which an insulating cover has been applied;

Insulating cover - means an insulating pipe or tube that is—

- (a) applied to a conductor to provide a protective barrier; and
- (b) manufactured in accordance with the specifications set out in any of the following—
 - (i) AS IEC 60060.1 as published or amended from time to time;
 - (ii) AS IEC 60060.2 as published or amended from time to time;
 - (iii) AS 4202 as published or amended from time to time;
 - (iv) AS/NZS 3100 as published or amended from time to time;

(v) AS/NZS 3121 as published or amended from time to time;

Insulated Telecommunications Cable – Is a common cable that comes in various configurations and sizes, providing the ability to transmit data and/or other communication to a household. There are no requirements for local government to provide vegetation clearance from overhead NBN or communications cables.

Frankston City Council will undertake reduction pruning only when the tree or tree part is in constant and ongoing contact with the communications cable where there is potential to detrimentally impact cables or tree health.

Low voltage - means a voltage exceeding extra low voltage but not exceeding—

- (a) 1000 volts alternating current; or
- (b) 1500 volts direct current;

Minimum clearance space has the meaning set out in clause 2;

Nominal voltage - means the voltage at which the electric line is designed to operate;

Published technical standard - means a document giving technical information, guidance or advice published by—

- (a) Standards Australia; or
- (b) Standards New Zealand; or
- (c) the British Standards Institution; or
- (d) the International Organisation for Standardisation; or
- (e) the International Electrotechnical Commission; or
- (f) any similar standards organisation within or outside Australia approved by Energy Safe Victoria; or
- (g) Energy Safe Victoria;

Railway supply network - means the supply network of a railway;

Note railway and supply network are defined in section 3 of the Act.

Sag - in relation to a conductor, means the vertical displacement of the conductor below the point at which the conductor is attached to the supporting structure and includes any additional displacement caused by hot weather or high load current;

Span distance - means the distance between the points at which an electric line span is attached to the 2 adjacent supporting structures;

Suitably qualified arborist - means an arborist who has—

- (a) as a minimum, the qualification of National Certificate III in Arboriculture including the "Perform a ground-based tree defect evaluation" unit of competency, or an equivalent qualification; and
- (b) at least 3 years of field experience in assessing trees;

Sway - in relation to a conductor, means the horizontal displacement of the conductor caused by wind;

Tramway supply network - means the supply network of a railway that is a light railway or tramway;

Transmission line - means an electric line—

- (a) with a nominal voltage of more than 66,000 volts; or
- (b) operating at 66 000 volts that is supported on tower structures; or
- (c) operating at 66,000 volts that is adjacent to an electric line that has a nominal voltage greater than 66,000 volts;

Uninsulated cable - means a conductor that is not an insulated cable.

2. Meaning of minimum clearance space

- (1) Except as otherwise provided by this clause, the **minimum clearance space** for an electric line span is the minimum clearance space for the span as determined under Part 3.
- (2) For the purposes of the application of this Code to a responsible person who holds an [approval for an alternative compliance mechanism](#) that is in effect—
 - (a) if the approval applies to a particular electric line span—the **minimum clearance space** for that span is the minimum clearance space specified in the approval under clause 33(3)(d)(i); or
 - (b) if the approval applies to a class of electric line span—the **minimum clearance space** for each span that belongs to that class is the minimum clearance space specified in the approval under clause 33(3)(d)(i).

PART 2—CLEARANCE RESPONSIBILITIES

Division 1—Roles of responsible persons

3. Responsible person must keep minimum clearance space clear of trees

A responsible person must ensure that, at all times, no part of a tree for which the person has clearance responsibilities is within the minimum clearance space for an electric line span.

4, 5, 6 & 7. Exceptions to minimum clearance

No exception is requested or proposed by Frankston City Council for period of this ELCM operation for clause 4, 5, 6 or 7.

8. Responsible person may cut or remove hazard tree

Frankston City Council ensures that all trees are assessed by a suitably qualified Arborist as a minimum, the qualification of National Certificate III in Arboriculture including the "Perform a ground-based tree defect evaluation" unit of competency, or an equivalent qualification and at least 3 years of field experience in assessing trees.

Each assessment takes into consideration all foreseeable environmental and weather conditions and anticipated vegetation regrowth. If that assessment confirms the likelihood of contact with electric lines the tree will be pruned or removed or the threatening parts secured.

Frankston City Council meets its obligations under Section 86B of the Electricity Safety Act 1998 (Vic) by undertaking an annual rural roadside audit. Works identified as high risk are GIS logged and maybe immediately secured or the task passed on to the responsible owner authority or distribution company.

Council Contractors and in-house crews are suitably qualified for assessment and pruning of tree limbs under power lines. After undertaking the urgent work the contractor is responsible for notifying all affected persons. The contractor will record the details of the work undertaken, including why, when, and where the cutting or removal was undertaken. A responsible person that undertakes urgent work must not remove or prune trees further than one meter from the minimum clearance space around electricity lines.

9. Clearance space for Electric lines See 9(4)(j)

See Regulation 9(4)(j) above.

Division 2 – Manner of cutting and removing trees.

10. Cutting of tree to comply with Standard

Frankston City Council will, as far as practicable, restrict cutting or removal of trees to AS 4373 standard to minimum extent to ensure health and safety and compliance with the requirements to the code of practice or to secure an unsafe situation. If required, additional determination of actions can be provided by Councils qualified Arborist prior to pruning or tree removal.

11. Cutting or removal of indigenous or significant trees must be minimised.

The following kinds of tree are specified for the purposes of subclauses (1) and (2)—(a) indigenous trees or (b) trees of environmental significance. Council will, as far as practical, restrict cutting or removal of indigenous trees or trees of cultural or environmental significance, to the minimum extent necessary to meet the requirements of the Code

To achieve this outcome, Council will implement best practice pruning standards (AS 4373-2007), increase pruning and inspection regimes when and as required, or restrict cutting or removal of such vegetation to the minimum extent necessary to make an unsafe situation safe

12. Cutting or removing habitat for threatened fauna

If a tree or vegetation is observed having potential for habitat or threatened fauna, the information will be collected within Frankston City Council Arboricultural GIS and the minimum of works shall be undertaken to maintain compliance to the code and/or the works programmed for outside of breeding seasons where possible and practical.

If it's not practical to undertake cutting or removal of the tree outside of the breeding season the relocation of the fauna will be undertaken by a trained wildlife carer where practical.

ELC personal are advised if unclear to request identification of habitat or threatened fauna by FCC Arborist.

13. Restriction on timing of cutting or removal if notification is required

This clause is not applicable/required for Frankston City Council.

14. Restriction on urgent cutting of trees

This clause is not applicable/required for Frankston City Council

15. Restriction on urgent removal of trees.

This clause is not applicable/required for Frankston City Council

Division 3 – Notification, consultation and dispute resolution

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

Under this plan Frankston City provide a Letter delivered via letterbox notifying affected residents at least 14 days prior and no longer than 60 days before works is to commence.. See [Appendix 11 - Resident notification letters & tree maintenance web page.](#)

This notification and adherence to the tree cutting time frames shall be monitored by Frankston City Councils Arborist and the plans responsible persons.

17. Responsible person must publish notice before cutting or removing certain trees

Under this plan Frankston City shall publish a media notice at least 14 days prior and no longer than 60 days before work is to commence. The placement of notice will be via Frankston City News, Frankston City Council Website, Facebook page. See [Appendix 11 - Resident notification letters & tree maintenance web page.](#) Council's tree maintenance contractor will notify Councils IT helpdesk to update the website prior to commencing pre-maintenance inspections.

This publication and adherence to the tree cutting time frames shall be monitored by Frankston City Communication Department, Arborist and the plans responsible persons.

18. Responsible person must consult with occupier or owner of private property before cutting or removing certain trees

This clause is not applicable/required for Frankston City Council

19. Notification and record keeping requirements for urgent cutting or removal

This clause is not applicable/required for Frankston City Council

Division 4 – Additional duties of responsible persons

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

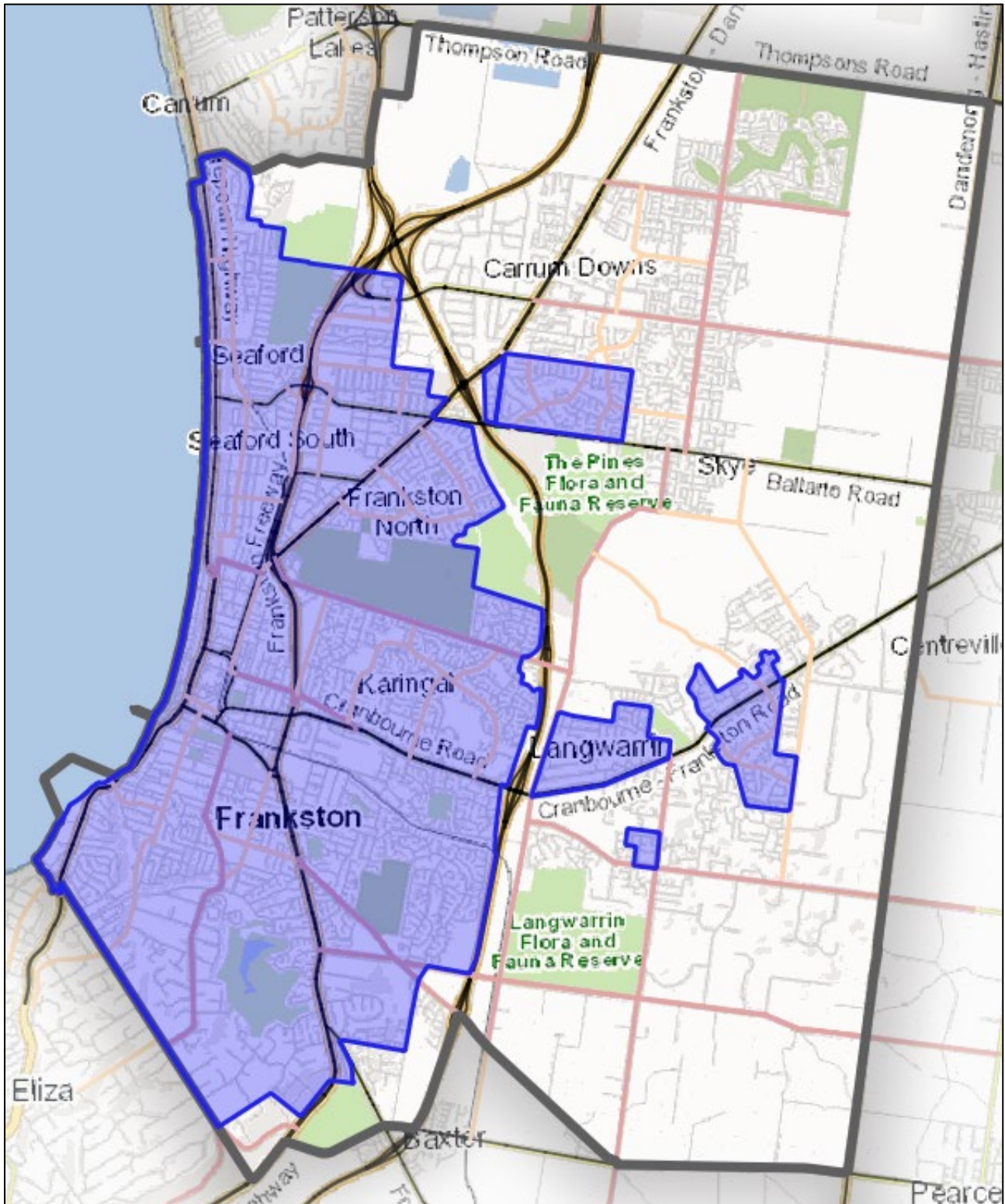
If Frankston City Council has concerns about the safety of cutting or removal of a tree for which the Council has clearance responsibilities, the Council may consult with

- **Metro Trains** - 1800 800 007, PO Box 1880 Melbourne VIC 3000
- **United Energy** - 132 099, PO Box 449 Mount Waverly VIC 3149
- **Country Fire Authority (District 8 Headquarters)** - (03) 9767 1800, Building G Level 2 45 Assembly Drive Dandenong South, VIC 3175.

APPENDICES

Appendix 1 - Declared Urban Area of Frankston City Council

The ESV Declared Urban Areas on this map are shown as blue shaded area. All other unshaded areas are managed by the Distribution Business, United Energy.

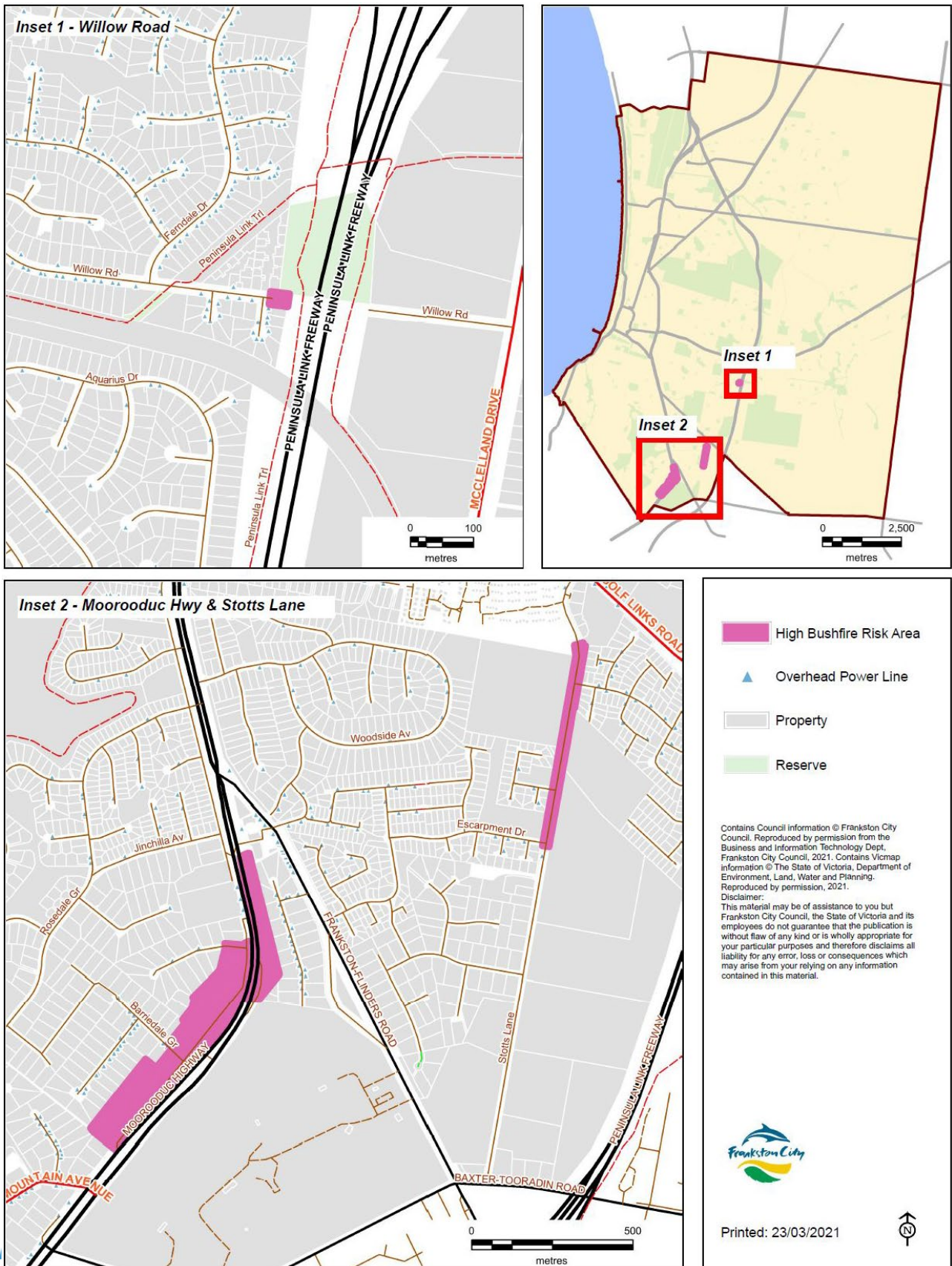


Appendix 2a – Low Bushfire Risk Area (LBRA)

The Low Bushfire Risk Area (LBRA) is shown as orange shaded area.



Appendix 2b - High Bushfire Risk Area (HBRA) within the FCC declared urban area



Appendix 3: Register of Significant Trees on Public Land – Current

Address	Location				Species	Significance Category
48	Airlie	Grove	Seaford	Seaford Wetlands	<i>Eucalyptus camaldulensis</i>	Aboriginal Culture
45	Aqueduct	Road	Langwarrin	Nature Strip	<i>Eucalyptus obliqua</i>	Remnant Outstanding size Outstanding habitat
3/1R	Bentley	Place	Frankston	Montague Park Pre-School	<i>Populus species</i>	Outstanding size
8	Cambridge	Street	Frankston	Nature Strip	<i>Angophora costata</i>	Outstanding size; Aesthetic value
20	Cambridge	Street	Frankston	Nature Strip	<i>Angophora costata</i>	Aesthetic value; Location or Landscape Context
1	Chile	Street	Frankston	Outer Separator	<i>Eucalyptus globulus</i>	Outstanding size; Aesthetic value.
53	Dandenong East	Road	Frankston	Nature Strip	<i>Angophora costata</i>	Outstanding Size; Aesthetic Value
10-18	Davey	Street	Frankston	Nature Strip (7 Trees)	<i>Norfolk Island Pines</i>	Outstanding size; Amenity value
48	Deane	Street	Frankston	Nature Strip	<i>Eucalyptus leucoxylon</i>	Aesthetic value; Outstanding Size
10	Eel Race	Road	Seaford	Outer Separator	<i>Banksia integrifolia</i>	Outstanding size; Aesthetic value
30	Foot	Street	Frankston	Oxford St Car park	<i>Angophora costata</i>	Outstanding size; Aesthetic value; Curious Growth
15	Frome	Avenue	Frankston	Nature Strip	<i>Angophora costata</i>	Outstanding size; Aesthetic value
27	Frome	Avenue	Frankston	Nature Strip	<i>Angophora costata</i>	Outstanding size; Aesthetic value
31	Frome	Avenue	Frankston	Nature Strip	<i>Angophora costata</i>	Outstanding size; Aesthetic value
35	Frome	Avenue	Frankston	Nature Strip	<i>Angophora costata</i>	Aesthetic value; Location or Landscape
43	Frome	Avenue	Frankston	Nature Strip	<i>Angophora costata</i>	Aesthetic value; Location or Landscape
21	Gould	Street	Frankston	Nature Strip (3 Trees)	<i>Leptospermum laevigatum</i>	Curious Growth Form
1	Hayman	Avenue	Frankston	Nature Strip	<i>Arbutus unedo</i>	Rare or Localised; Amenity value
44R	Herbert	Road	Carrum Downs	Herbert Reserve - near playground	<i>Eucalyptus camaldulensis</i>	Aesthetic value; Remnant;
3N	High	Street	Frankston	Nature Strip - Plowman Place (16 Trees)	<i>Monterey Cypress</i>	Location or Landscape context
51N	High	Street	Frankston	Beauty Park (6 Trees)	<i>Populus deltoides</i>	Location or Landscape context
29	Hill	Street	Frankston	Nature Strip	<i>Melaleuca stypholoides</i>	Outstanding Size
83R	Hillcrest	Road	Frankston	Jubilee Park - Hill St	<i>Eucalyptus camaldulensis</i>	Location or Landscape context
83R	Hillcrest	Road	Frankston	Jubilee Park 3 Trees	<i>Banksia integrifolia</i>	Remnant
83R	Hillcrest	Road	Frankston	Jubilee Park - car park	<i>Banksia integrifolia</i>	Outstanding example of a species
	Long Island	Drive	Frankston	Playne St bridge	<i>Phoenix canariensis</i>	Location or Landscape context
47R	Luscumbe	Avenue	Carrum Downs	Banyan Reserve	<i>Eucalyptus camaldulensis</i>	Particularly old; Remnant; Aboriginal culture
14N	Monterey	Boulevard	Frankston North	Monterey Reserve	<i>Corymbia maculata</i>	Aesthetic Value
490	Nepean	Highway	Frankston	Median Strip	<i>Cupressus macrocarpa</i>	Particularly old; Historic value
508	Nepean	Highway	Frankston	Median Strip	<i>Cupressus macrocarpa</i>	Particularly old; Historic value
4	Park	Street	Seaford	Nature Strip	<i>Eucalyptus camaldulensis</i>	Aesthetic Value; Rare or Localised
1N	Plowman	Place	Frankston	Mechanics Hall	<i>Canary Island Palm</i>	Location or Landscape context

Appendix 4 - Two Year Cyclic Pruning Schedule

http://www.frankston.vic.gov.au/Your_Council/Media_and_Publications/Latest_News/Tree_Management_Program

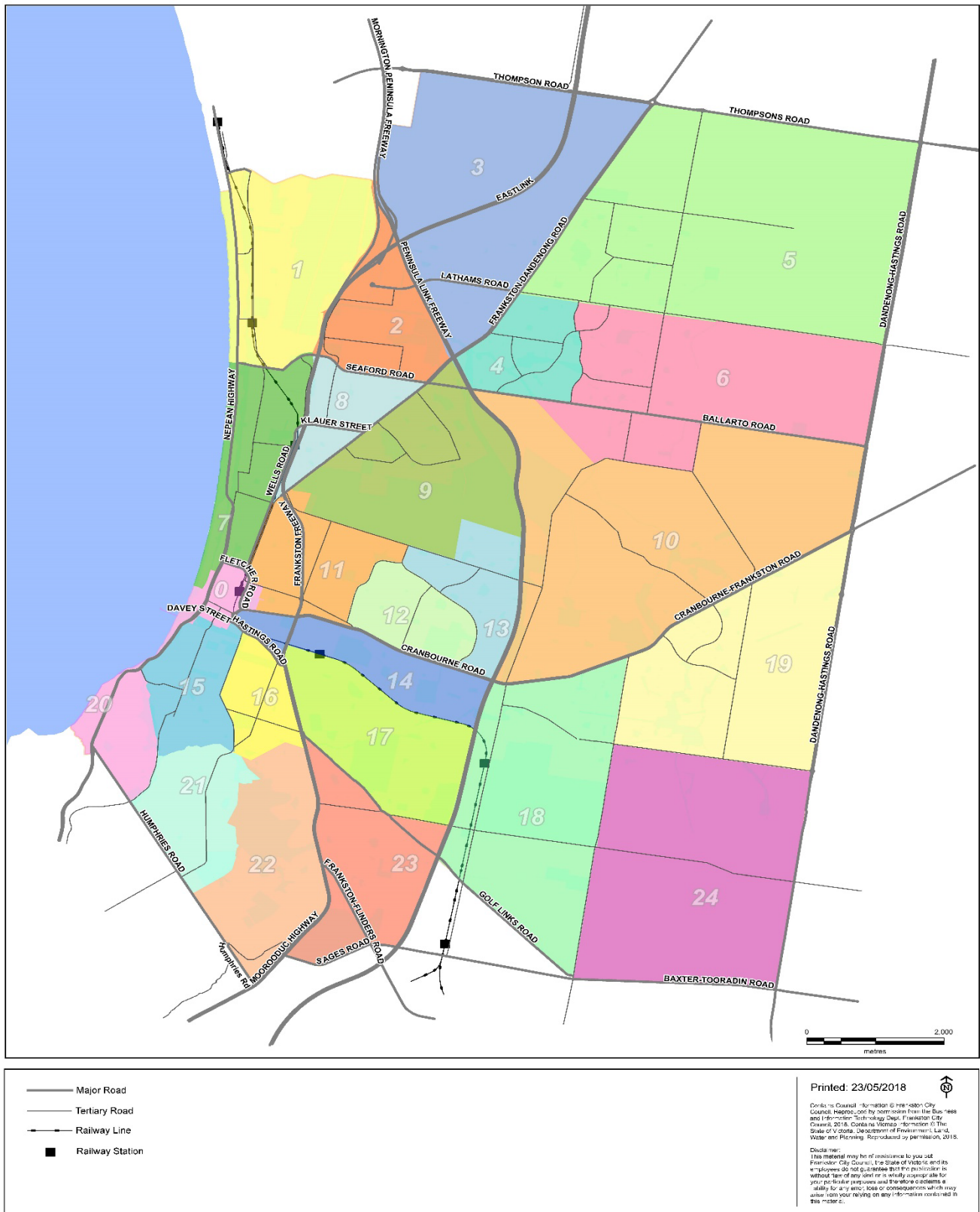
FRANKSTON CITY CYCLE

YEAR CYCLIC PRUNING SCHEDULE

FRANKSTON CITY COUNCIL 2 YEAR CYCLIC PRUNING SCHEDULE

		<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>Years 1 & 2</u>	<u>Years 3 & 4</u>
Section	Year 1	Year 2	Year 3	Year 4	Month/s Scheduled	Month/s Scheduled	
Fleetwood (Frankston Sth)	20	X		X		March '22	March '24
Langwarrin Sth (inc Rural)	24	X		X		April '22	April '24
Langwarrin Sth (inc Rural)	18	X		X		May '22	May '24
East Rd (S'ford East)	2	X		X		June '22	June '24
Rosedale Gve, (F'ton Sth)	22	X		X		July '22	July '24
Lyrebird Dve, C/Downs	4	X		X		August '22	August '24
Stotts Lane, Fton Sth	23	X		X		September '22	September '24
Kars St, Frankston	15	X		X		October '22	October '24
Railway Pde, Seaford Nth	1	X		X		November '22	November '24
Central Business District	0	X		X		December '22	December '24
Carrum Downs/Skye	5	X		X		December '22	December '24
Seaview Rd, F'ton Sth	21	X		X		January '23	January '25
Hadley St, S/Ford East	8	X		X		February '23	February '25
Gamble Rd, C/Downs	6 a&b		X		X	March '23	March '25
Heatherhill, Frankston	17 a&b		X		X	April '23	April '25
Leawarra Pde, Frankston	14		X		X	May '23	May '25
Carramar Dve, Karingal	13		X		X	June '23	June '25
Ashleigh Ave, Karingal	11 a&b		X		X	July '23	July '25
Karingal Dve, Karingal	12		X		X	August '23	August '25
Buna Ave, Seaford	7		X		X	September '23	September '25
Frankston Nth (Pines)	9		X		X	October '23	October '25
Lathams Rd, Seaford East	3		X		X	November '23	November '25
Foot St, Frankston	16		X		X	December '23	December '25
Central Business District	0		X		X	December '23	December '25
Langwarrin Nth	10		X		X	January '24	January '26
Langwarrin Sth	19		X		X	February '24	February '26
Bushfire Hazard Reduction		X	X	X	X	Oct - Nov '22-'24	Oct - Nov '24-'26
Pre Schools (1/4)		X	X	X	X	1st Term Holidays	1st Term Holidays
Pre Schools (1/4)		X	X	X	X	2nd Term Holidays	2nd Term Holidays
Pre Schools (1/4)		X	X	X	X	3rd Term Holidays	3rd Term Holidays
Pre Schools (1/4)		X	X	X	X	4th Term Holidays	4th Term Holidays

Appendix 5 - Map of 24 Road Management Plan (RMP) zones



Appendix 6 - Maintaining a minimum clearance space

Figure 1 – Plan view of Electrical lines in all areas

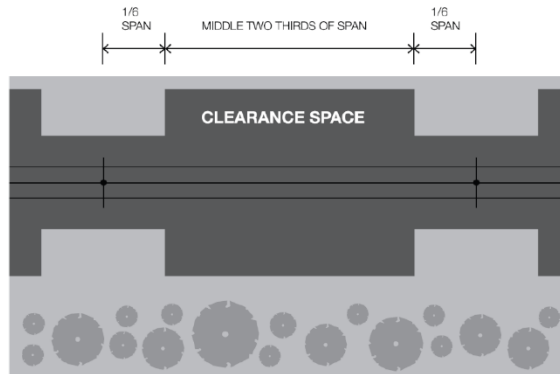


Figure 2 – Insulated Electric lines in all areas

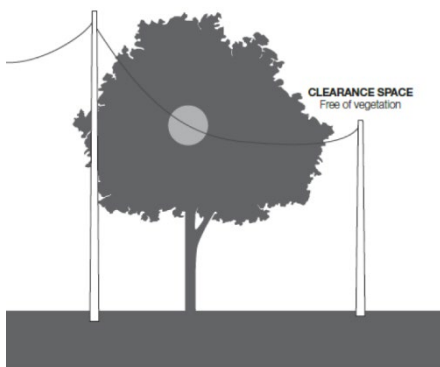
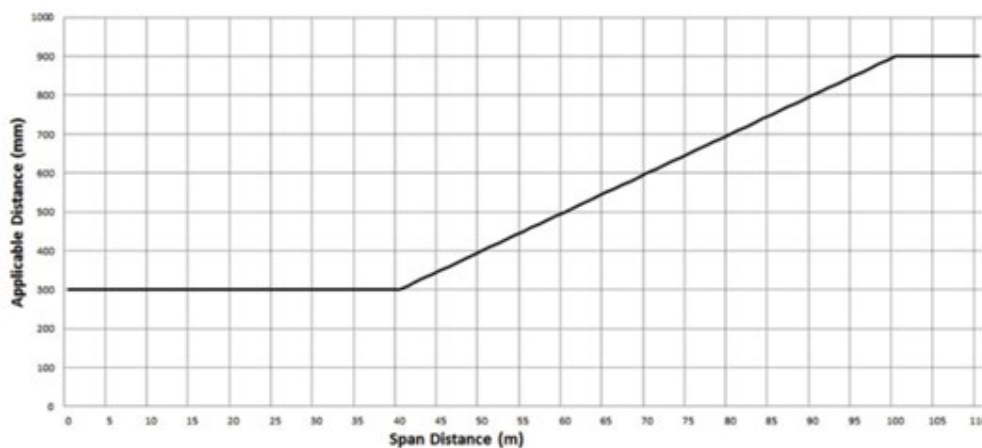
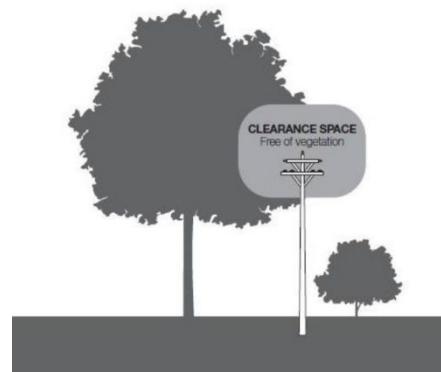


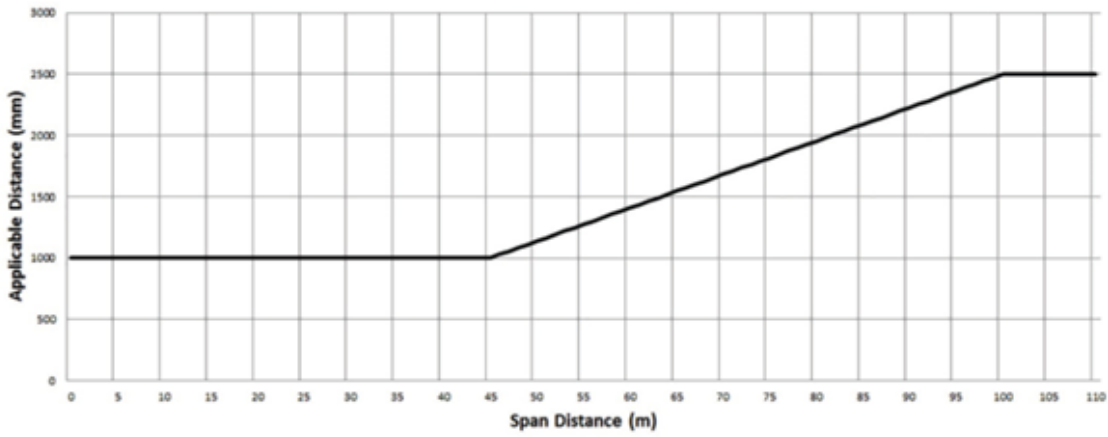
Figure 3 – Insulated Electric lines in all areas and uninsulated high voltage electric lines (other than 66,000 volt electric lines) in Low Bushfire Risk Area



GRAPH 1—INSULATED ELECTRIC LINES IN ALL AREAS
Clauses 3 and 24

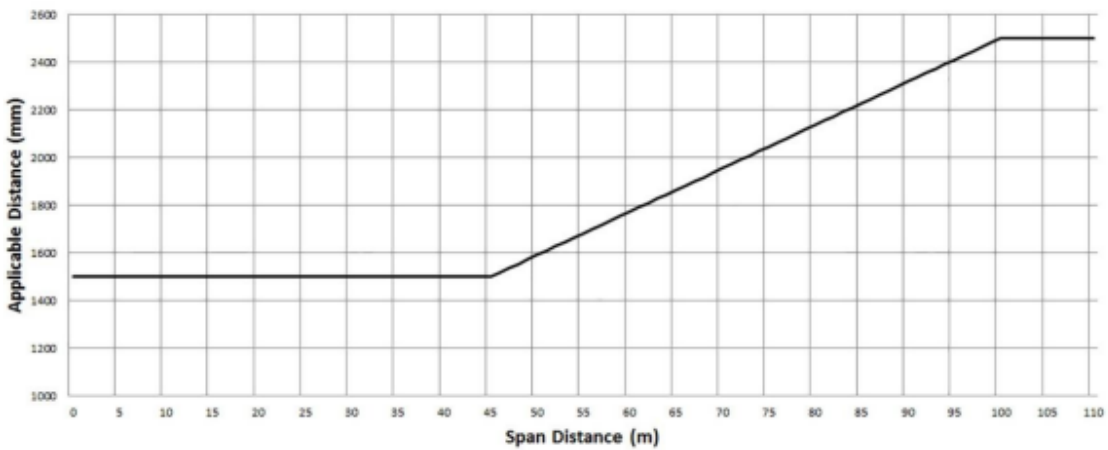
GRAPH 2— UNINSULATED LOW VOLTAGE ELECTRIC LINE IN LOW BUSHFIRE RISK AREA

Clauses 3 and 25



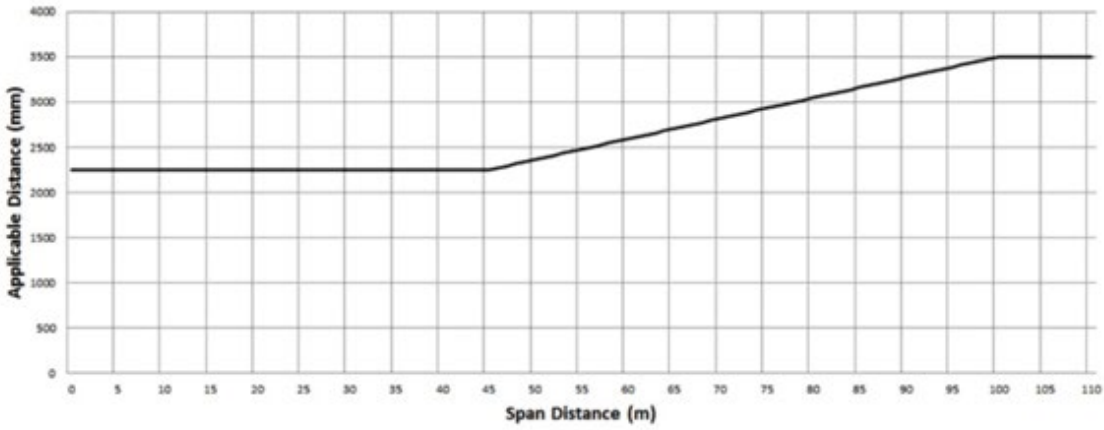
GRAPH 3— UNINSULATED HIGH VOLTAGE ELECTRIC LINE (OTHER THAN A 66 000 VOLT ELECTRIC LINE) IN LOW BUSHFIRE RISK AREA

Clauses 3 and 26



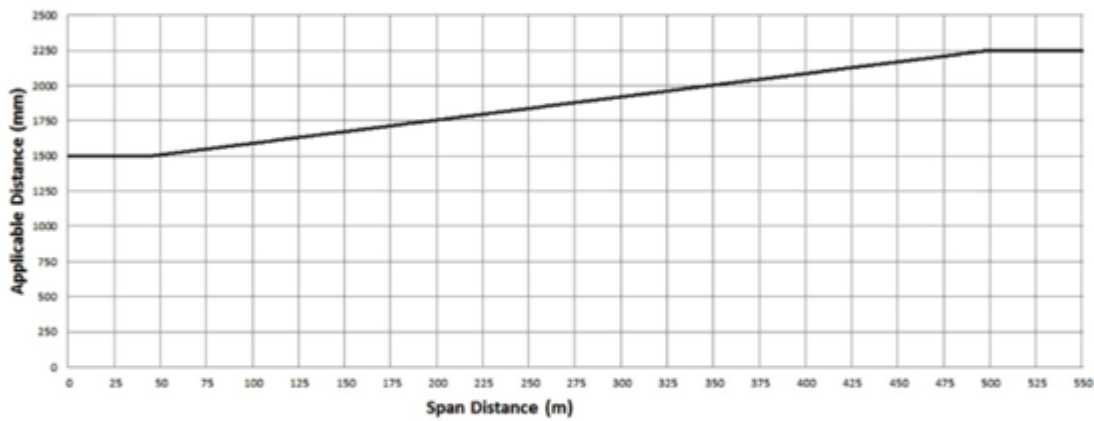
GRAPH 4— UNINSULATED 66 000 VOLT ELECTRIC LINE IN LOW BUSHFIRE RISK AREA

Clauses 3 and 27



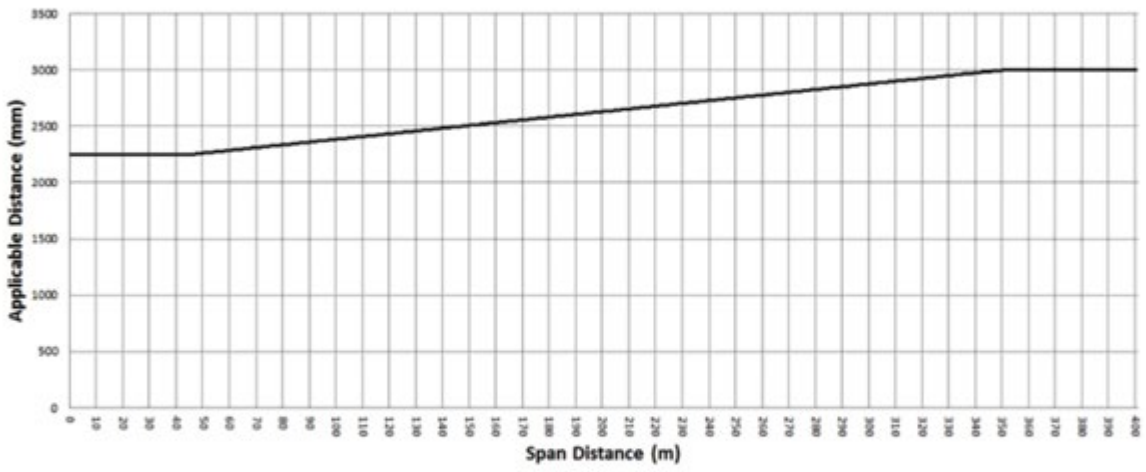
GRAPH 5— UNINSULATED LOW VOLTAGE AND HIGH VOLTAGE ELECTRIC LINE (OTHER THAN A 66 000 VOLT ELECTRIC LINE) IN HAZARDOUS BUSHFIRE RISK AREA

Clauses 3 and 28



**GRAPH 6—UNINSULATED 66 000 VOLT ELECTRIC LINE IN
HAZARDOUS BUSHFIRE RISK AREA**

Clauses 3 and 29



Appendix 6 - Predominate FCC tree species regrowth pruning guidance chart

Species		Tip prune			Valley prune		
		Estimated annual regrowth	Regrowth allowance 1 year cycle	Regrowth allowance 2 year cycle	Estimated annual regrowth	Regrowth allowance 1 year cycle	Regrowth allowance 2 year cycle
<i>Acacia longifolia/sophorae</i>	TO	1	1	2	1	1	2
<i>Acacia melanoxylon</i>		1	1	1.5	1	1	1.5
<i>Agonis flexuosa</i>	TR	1	1	1.5	1	1	2
<i>Angophora costata*</i>		1	1	1.5	1	1	2
<i>Banksia integrifolia</i>	TO	1	1	2	1	1	2
<i>Callistemon sp.</i>	TO	0.5	0.5	1	0.5	0.5	1
<i>Corymbia ficifolia</i>	TO,TR	0.5	0.5	1	1	1	2
<i>Eucalyptus cornuta*</i>	TR	na	na	na	2	1	2
<i>Eucalyptus leucoxydon</i>	TR	na	na	na	1.5	1	2.5
<i>Eucalyptus leucoxydon dwarf varieties</i>		0.5	0.5	1	na	na	na
<i>Eucalyptus nicholii*</i>	TR	na	na	na	1	1	1.5
<i>Eucalyptus ovata*</i>		1	1	1.5	1	1	1.5
<i>Eucalyptus pyroriana</i>		1	1	2	1	1	2
<i>Eucalyptus radiata*</i>		1	1	2	1	1	2
<i>Fraxinus sp.*</i>	TR	1	1	2	1.5	1.5	3
<i>Grevillea robusta*</i>		na	na	na	1	1	2
<i>Hakea salicifolia</i>	TO	0.5	0.5	0.5	na	na	na
<i>Lagunaria patersonii*</i>	TR	0.5	1	1	0.5	1	1
<i>Leptospermum laevigatum</i>	TO	0.5	0.5	0.5	na	na	na
<i>Liquidambar styraciflua*</i>		1	1	2	1	1.5	3
<i>Lophostemon confertus*</i>	TR	1	1	2	1.5	1.5	3
<i>Melaleuca armillaris</i>	TO	0.5	0.5	1	0.5	0.5	1
<i>Melaleuca linariifolia*</i>	TO	0.5	0.5	1	0.5	0.5	1
<i>Melaleuca styphelioides*</i>	TO	0.5	0.5	1	0.5	0.5	1
<i>Melia azedarach</i>	TO,TR	1	1	2	1	1	2
<i>Pittosporum undulatum*</i>		0.5	1	2	0.5	1	2
<i>Tristanopsis laurina</i>	TO	0.5	0.5	0.5	0.5	0.5	0.5

All measurements in metres (m)

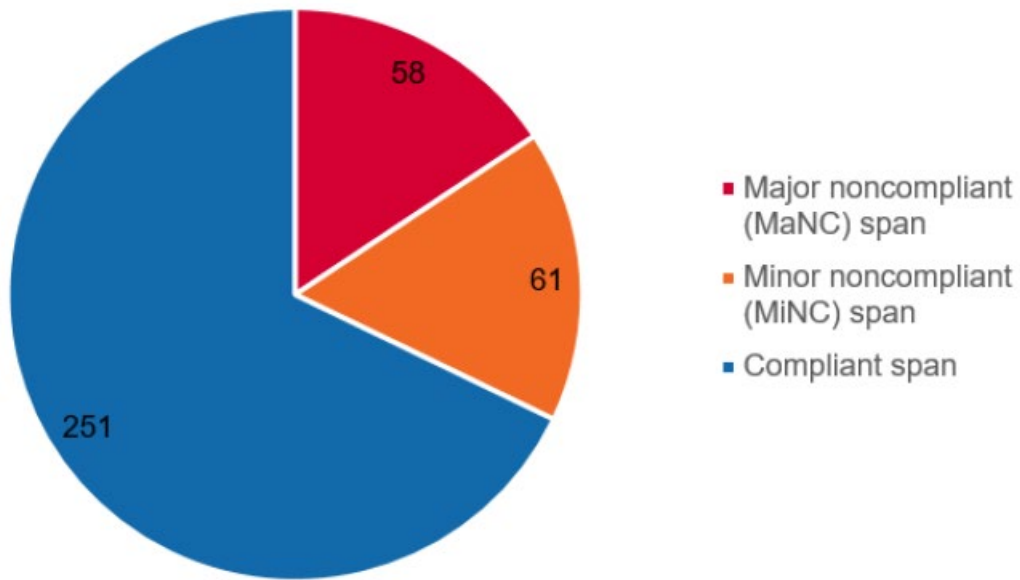
Blue where regrowth exceeds 2 year cyclic program, annual prune is included in contract for worst cases

TO = Tip prune only, valley pruning not recommended for this species

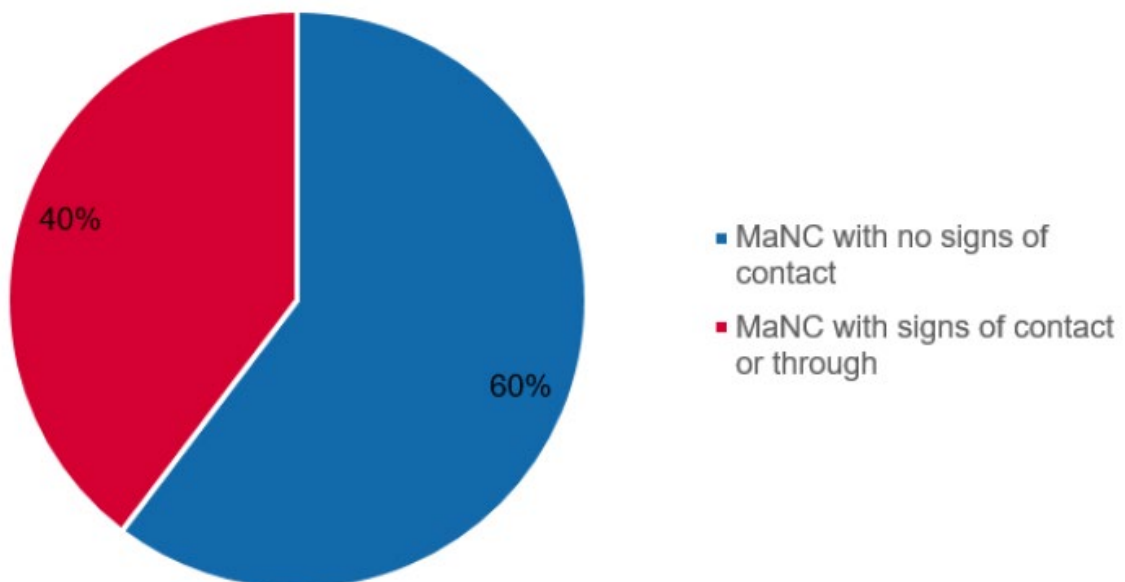
Appendix 7 – Frankston City Council - ESV 2022 Electric line clearance field inspection report

Energy Safe Victoria

Classification of inspected spans



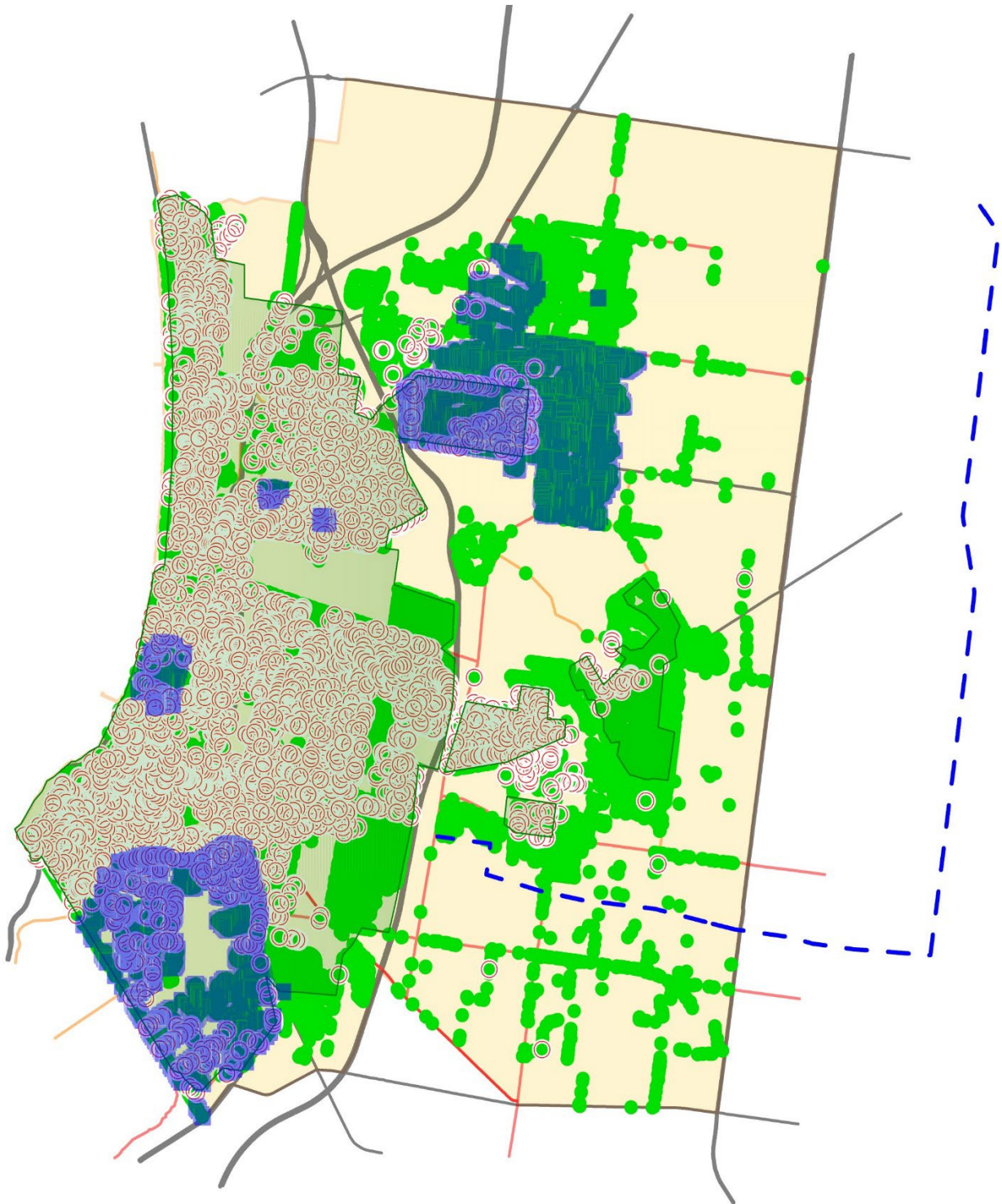
The percentage of MaNC spans in contact with an electrical line



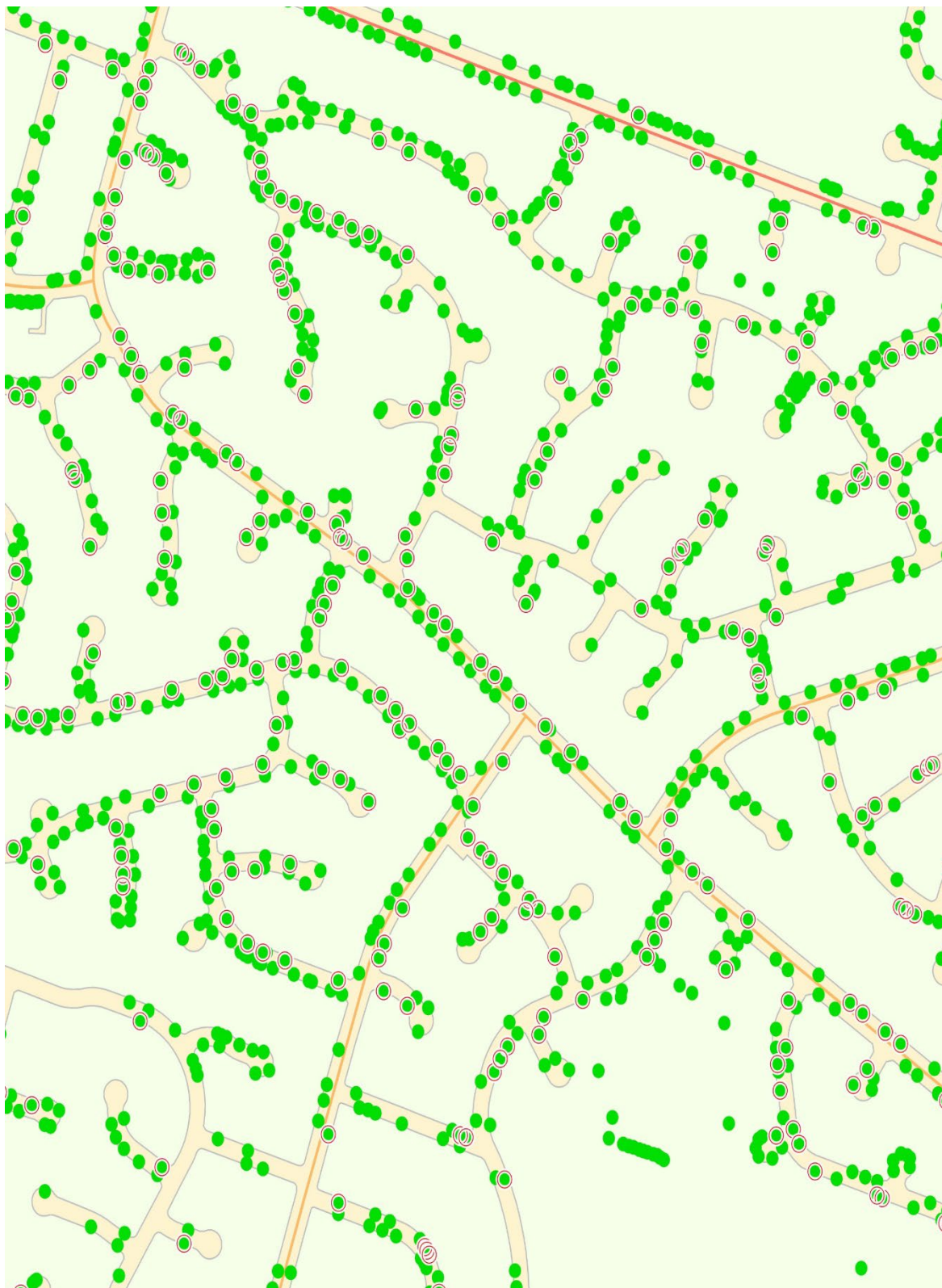
All non-compliant spans were rectified by FCC within the ESV required timelines and inspection programs adjusted to improve future compliance.

Appendix 8 - Frankston City Council Location and Records of power line audits

8A- Municipality map showing historic data and current power line audit sites



8B - Zoomed in map of unique location of trees including pre-works inspection for electrical line clearance rectification

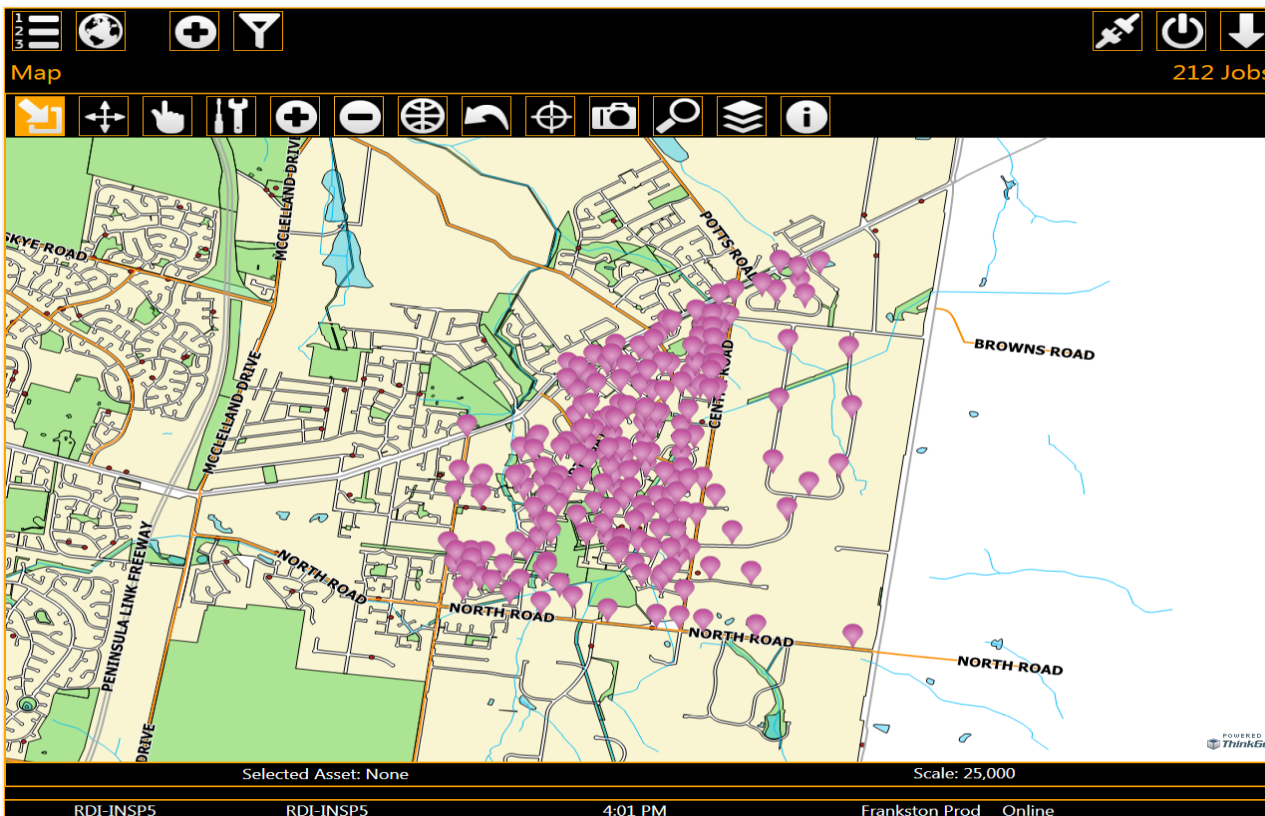


8C - Extract from Asset management system post-work generated audit

Job List 212 Jobs

Inspection Stat	Location	Inspection Details	Scheduled Date	Zone	Edit
OPEN	RR: CENTRE ROAD, LANGWARRIN - from SOUTHGATE WAY to MONIQUE DRIVE	Roadside Vegetation Line Clearance Low Voltage Inspections - 10767	01/03/2016 03:31 AM	19	
OPEN	RR: WARRANDYTE ROAD, LANGWARRIN - from CRANBOURNE ROAD to SOUTH END OF MEDIAN	Roadside Vegetation Line Clearance Low Voltage Inspections - 10768	01/03/2016 03:31 AM	19	
OPEN	RR: CENTRE ROAD, LANGWARRIN - from MONIQUE DRIVE to LANGEWAN ROAD	Roadside Vegetation Line Clearance Low Voltage Inspections - 10769	01/03/2016 03:31 AM	19	
OPEN	RR: CENTRE ROAD, LANGWARRIN - from LANGEWAN ROAD to TIMARRON COURT	Roadside Vegetation Line Clearance Low Voltage Inspections - 10770	01/03/2016 03:31 AM	19	
OPEN	RR: NORTH ROAD, LANGWARRIN - from KURANDA STREET to 2708M FROM MCCLELAND DRIVE	Roadside Vegetation Line Clearance Low Voltage Inspections - 10771	01/03/2016 03:31 AM	19	
OPEN	RR: CENTRE ROAD, LANGWARRIN - from TIMARRON COURT to ROUNDABOUT (NORTH)	Roadside Vegetation Line Clearance Low Voltage Inspections - 10772	01/03/2016 03:31 AM	19	
OPEN	RR: CENTRE ROAD, LANGWARRIN - from ROUNDABOUT (NORTH) to ROUNDABOUT (NORTH)	Roadside Vegetation Line Clearance Low Voltage Inspections - 10773	01/03/2016 03:31 AM	19	
OPEN	RR: NORTH ROAD, LANGWARRIN - from 2708M FROM MCCLELAND DRIVE to 3071M FROM MCCLELAND DRIVE	Roadside Vegetation Line Clearance Low Voltage Inspections - 10774	01/03/2016 03:31 AM	19	
OPEN	RR: NORTH ROAD, LANGWARRIN - from 3071M FROM MCCLELAND DRIVE to CENTRE ROAD	Roadside Vegetation Line Clearance Low Voltage Inspections - 10775	01/03/2016 03:31 AM	19	
OPEN	RR: NORTH ROAD, LANGWARRIN - from CENTRE ROAD to LEISURELAND DRIVE	Roadside Vegetation Line Clearance Low Voltage Inspections - 10776	01/03/2016 03:31 AM	19	
OPEN	RR: NORTH ROAD, LANGWARRIN - from LEISURELAND DRIVE to LEISURELAND DRIVE	Roadside Vegetation Line Clearance Low Voltage Inspections - 10777	01/03/2016 03:31 AM	19	
OPEN	RR: NORTH ROAD, LANGWARRIN - from	Roadside Vegetation Line Clearance Low	01/03/2016 03:31 AM	19	

RDI-INSP5 RDI-INSP5 3:58 PM Frankston Prod Online



Appendix 9 - Staff training matrix example

Full details restricted, further information available upon request by ESV

THE TREE DOCTOR PTY LTD NATIONAL STANDARDS - CERTIFICATION STAFF QUALIFICATIONS

Name	Truck Licence	White Card (O,H&S)	O,H&S High Risk Expir Date EWP	EWP Rescue & Decent Escape	ESI Cert 11 - Initial Training Date	EU120312 Cert 11 - Refresher Training	Electrical Systems L1/D/Blue Book	Provide CPR	Provide First Aid in an ES Environment	Chainsaws	Noise Conservation	Manual Handling	Worksite Traffic Management - Vic Road	Wood Chipper	Comments & Job Description
Cornish, Ed	YES	YES	1.6.25	2.3.23	23.5.19	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	23.4.21	23.5.19	EWP/Wood Chipper Operator L2
Lockett, Re	YES	YES	16.1.27	2.3.23	15.2.22	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	TBC	21.5.21	EWP/Wood Chipper Operator L2
Lonsdale, B	YES	YES	7.7.23	2.3.23	18.5.2018	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	23.4.21	16.4.18	EWP/Wood Chipper Operator L2
McDermitt,	YES	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBC	TBC	TBC	TBC	YES	Tip Truck/Wood Chipper Operator
O'Connor,P	YES	YES	23.4.24	2.3.23	18.5.2018	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	23.4.21	8.5.18	EWP/Wood Chipper Operator L2
Reid, Leigh	YES	24.5.12	7.4.27	2.3.23	21.4.2017	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	23.4.21	1.8.18	EWP/Wood Chipper Operator - L3 Arborist
Rowley, Jeff	YES	YES	21.11.23	2.3.23	15.5.17	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	23.4.21	16.4.18	EWP/Wood Chipper Operator L2
Wadley, Tre	YES	YES	24.4.25	2.3.23	18.5.2018	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	2.3.23	23.4.21	8.5.18	EWP/Wood Chipper Operator L2
Refresher	N/A	N/A	5 YRS	Yearly	N/R	Yearly	Yearly	Yearly	Yearly	3 YRS	2 YRS	3 YRS	3 YRS	N/A	
Next Due	14.5.20	N/A	N/A	4.3.23	N/R	4.3.23	4.3.23	4.3.23	4.3.23	N/A	N/A	N/A	23.4.24	N/R	

Not Applicable (N/A) = This employee no longer performs this task or it is not relevant to their work duties or job description.

TBC = To be Completed/Programmed Schedules:

NB: All Staff Members are multi skilled and may perform various arboricultural duties as per their Qualifications and training. Tree Worker - Cert 11 in ESI may be required to work in an EWP to prune trees under power lines, remove or prune trees as required. Individual job descriptions are outlined in The Tree Doctor "Integrated Management System"

Quality (ISO 9001 - 2016) Occupational Health & Safety (AS 4801 - 2001)

Compliance Date 13.2.2022 - 13.2.23 (Under Review)

Appendix 10 – Field Audits and KPI's

10a - Monthly field Audit example

WORKPLACE INSPECTION CONTRACTOR		
DATE 10/12/22		
OFFICER Derek Lynn		
AUDITOR Derek Lynn		
LOCATION Carrum downs Skye zone 5	Time	1230pm
TASK BEING PERFORMED Tree works		
SITE MANAGEMENT		
Signs displayed correctly as per TMPs	yes	
Vehicle parked appropriately	yes	
No unnecessary disturbance to the public		No
Correct tools for task be preformed	yes	
PERSONNEL SAFETY		
Orange vest being worn (if applicable)	yes	
Machinery being used correctly	yes	
Appropriate PPE being worn	Yes	
Appropriate SWMS signed for the work being performed (check SWMS register prior)	Yes	
Adherence to ESI Cert 11 training and blue book regulations	Yes	
Corrective action required: None seen. Spoke to 3 crew quizzing ESI 2 training and valued take home from that. Response about cutting heavy limbs to step cut 1 st under and the final on top and on the tree side to avoid saw being pulled from operator. And a recant the new limits tree body and gear to lines.		
Comments		

10b - Table example outlining contract program KPIs

CONTRACT 2016/17-66 - PROVISION OF TREE MAINTENANCE SERVICES

CONTRACTOR: THE TREE DOCTOR PTY. LTD

MONTHLY KPI REPORTING

MARCH

2018

Key Performance Indicator	Measurement Tool	Target Measurement	Rating	Category 1
Adherence to programme timing and delivery	Contractor reporting; Internal and/or external audit results	All within target adverse weather permitting	10	5.00
		☐ 5% not complete	7.5	
		☐ 10% not complete	5	
		☐ 10% not complete	0	
Timely advice to Contract Supervisor of programme / project / works slippage	Contractor reporting; Internal and/or external audit results Communications	Advice at time known	10	10.00
		Advice within 24 hours	7.5	
		Advice within 1 working day	5	
		Advice ☐ 1 working day	0	
Works quality	Audit Complaints Feedback	Zero defects	10	10.00
		☐ 4 defects	7.5	
		☐ 6 defects	5	
		☐ 6 defects	0	
Staff training, qualifications and licensing (where applicable) up to date	Qualification certification Training certification Licenses Refreshers	Zero failures	10	10.00
		☐ 4 failures	7.5	
		☐ 6 failures	5	
		☐ 6 failures	0	
Reporting timeliness and quality	Report receipt Corrections required	On time and zero corrections	10	10.00
		On time and <3 corrections	7.5	
		Late and <3 corrections	5	
		Late and >3 corrections	0	
Complaints (upheld)	Complaints investigation outcome	Zero complaints	10	10.00
		1 complaint	7.5	
		2 complaints	5	
		>2 complaints	0	
Safety (Works) related injuries (Incident Reporting)	Safety incidents and near misses recorded during period	Zero Incidents	10	10.00
		1- 2 same / near miss repeated	5	
		☐ 3 near misses repeated or ☐1 incident	0	
Completion of Risk Inspection / SWMS & OH&S documentation prior to commencement of works	Audit of compliance, reports submitted as per contract requirements	Compliant	10	10.00
		☐ 1 Incomplete documentation	5	
		☐ 1 incident of no documentation a works job	0	
TOTAL MONTHLY SCORE				95.00

Appendix 11 - Resident notification letters & tree maintenance web page



Frankston City Council

30 Davey Street, Frankston, Victoria, Australia
Telephone: 1300 322 322 » +613 9784 1888 » Facsimile: +613 9784 1094
PO Box 490, Frankston VIC 3199
info@frankston.vic.gov.au
Website: frankston.vic.gov.au
ABN: 49 454 768 065

Enquiries: Aaron Richardson
Telephone: 1300 322 322

Dear Resident,

NOTIFICATION OF STREET TREE MAINTENANCE

Frankston City Council's tree works contractor, will soon be carrying out programmed maintenance on council street trees in your area.

The purpose of programmed street tree maintenance is to:

- Comply with the Code of Practice for Power line Clearance
- Provide clearance for electricity lines.
- Provide clearance over roads, driveways and footpaths
- Improve vision for motorists and pedestrians

There are no requirements for local government to provide vegetation clearance from overhead NBN or communications cables.

All pruning works undertaken aim to comply with (Australian Standard) AS4373-2007 Pruning of Amenity Trees.

Clearance of trees located within private property from private electricity or communications service lines is the responsibility of the property owner. Only suitably qualified personnel should undertake this tree work. Clearance of private trees from other power lines is the responsibility of the electrical distribution business, United Energy. United Energy can be contacted on their customer service number 132 099.

If you have any questions please contact Frankston City Council on 1300 322 322

Aaron Richardson
Section Leader Tree Maintenance
Parks & Vegetation
Frankston City Council

Appendix 12 - Web page Tree maintenance program

https://www.frankston.vic.gov.au/Your_Council/Media_and_Publications/Latest_News/Tree_Management_Program_Updates

Tree Maintenance Program

- [Overview](#)
- [Tree Management Program updates](#)
- [New tree plantings](#)
- [Trees and development](#)
- [Electric Line Clearance Plan](#)
- [Report a tree issue](#)

Council is creating attractive, healthy and safe streetscapes and parks by maintaining and protecting trees. There are more than 65,000 street trees and more than 450 different species across the city, providing habitat for numerous species of animals, shade for our community and increasing the value of nearby properties.

Council has a routine cyclic maintenance program in which each tree under Council's responsibility is inspected every two years. As a result of these inspections, trees may be pruned or removed in line with Council's Street Tree Management Policy.

In addition to this policy, Council has obligations under the Electricity Safety (Electric Line Clearance) Regulations (2020) to maintain street tree clearance from overhead electrical conductors.

Tree Management Program updates

Tree Management Program Updates

Council conducts street tree maintenance across Frankston City in an ongoing two-year cycle, including trimming trees from power lines and footpaths and improving tree health.

All vegetation maintenance works is required to be carried out in compliance with the Electricity Safety (Electric Line Clearance) Regulation 2020. These regulations stipulate a minimum safe clearance between trees and power lines, to keep re-growth clear of power lines.

During March and April tree maintenance will be undertaken in Zone 6 and 17, Frankston and Carrum Downs.

Maintenance will include clearing trees from power lines uplifting tree canopy over roads paths and removing poor form or condition trees.

For more details, or information about when your neighbourhood area works will be conducted see map and timetable;

- [Tree maintenance program zone 6](#) (PDF, 846KB)
- [Tree maintenance program zone 17](#) (PDF, 992KB)