
Treebnb Monitoring Report

City of Charles Sturt - 2021



Galah chicks in a Medium Parrot Box in Sam Johnson Reserve,
Renown Park.

Report produced by James Smith, **fauNature®**
24 February 2022.

*All photos contained within this report were taken from
Treebnb wildlife boxes or carved hollows, during the 2021
calendar year, unless otherwise stated.*



Table of Contents



Two Rainbow Lorikeet chicks, in a Medium Parrot Box in Sam Johnson Reserve, Renown Park.

SUMMARY	2
PROJECT BACKGROUND	4
LOCATION & IDENTIFICATION	6
MONITORING & MAINTENANCE	7
ARTIFICIAL HOLLOW USAGE	8
<i>Usage by Wildlife Box Location</i>	10
<i>Wildlife box Usage by Fauna Type</i>	11
CONCLUSIONS & RECOMMENDATIONS	14
Appendix A: Wildlife Box Locations (Google Maps).	16
Appendix B: Wildlife Box Locations (Street/Park & GPS coordinates).	17

SUMMARY

The City of Charles Sturt (CCS) engaged **fauNature®** to manufacture and install 202 wildlife boxes (WBs) between 2016-21 (Figure 1). In 2021, the first Carved Hollows (CHs; 7) were installed in a standing stag, in Wilford Res. Seaton, to complement the treebnb project. The Artificial Hollows (AHs equates to WBs & CHs) were acquired to enhance habitat for hollow dependent fauna and raise environmental awareness across the city.

For the first phase of the Treebnb Project, 52 WBs were installed in 2016-17. These WBs were augmented by an additional 38 WBs, delivered as part of the Torrens Road to Torrens River Project (T2T; 10), the Adelaide Secondary School of English Project (ASSoE; 6) and Phase II of the Treebnb Project (22), Aug-Sept 2017. A further five, Smart Cities WBs were installed in June 2020. Community enthusiasm for the project, saw an additional five WBs installed in Parfitt Square and six installed at Trust Reserve, including two new and four moved WBs installed in 2020. (Timeline - page 5). One hundred additional WBs were added along Port Rd in spring 2021, then seven Carved Hollows in Wilford Res., in November of the same year. This brought the total number of artificial hollows under care in the treebnb project to 209.



Figure 2: Possum Box at Mountbatten Tce, with two Rainbow Lorikeet chicks.



Figure 1: James Smith installing a Medium Parrot Box at ASSoE June, 2017.

Location is a key factor in WB utilisation, as is the type of box installed. Additionally, the longer an AH is *in-situ*, the more likely it is to be occupied. The locations of WBs with 100% usage over the last 12 months include: Adelaide Sec. School of English, Koralla Grove, McDonnell Ave, Mountbatten Tce, Parfitt Sq., Port Rd (Croydon) and Weemala St. Other locations with over 80% usage included: Albert Greenshields, Port Rd (West Croydon), Port Rd (Woodville) and Sam Johnson Reserve. (Locations: Table 2 - page 10)

Table 1: Comparison of 2018-2020 data

Reporting Year	2019		2020		2021	
	Number	%	Number	%	Number	%
No. of Usable Wildlife Boxes*	87		92		189	
“In Use”	40	46%	45	49%	89	47%
“Used in Last 12 Months”	21	24%	27	29%	59	31%
Empty/Unused	25	29%	19	21%	36	19%
Out of Service/Not Surveyed	8	8%	8	8%	13	6%

* “Usable” numbers of WBs, which excludes those out of service or not surveyed due to restricted access (e.g. WBs containing bee hive, absent, with council, unusable, etc.)

The utilisation of WBs increased in 2021, in both numerical (89) and percentage terms (53%, established boxes #s 001-102), over previous years, to the highest levels recorded (Table 1 - Page 3). The inclusion of the Port Rd WBs reduced the overall percentage slightly to 47%. The reduced number of boxes surveyed in 2021



Figure 3: Two Galah chicks, in a Med Parrot Box, at Parfitt Sq.

was primarily due to infestation by feral bees, WBs with council or those damaged by wildlife.

Rainbow Lorikeets (Figure 2) were the species observed most within WBs, across the CCS. Sixty-five WBs were *In Use* by Rainbow Lorikeets during the spring survey, while an additional 31 WBs had been *Used in Last 12 Months*.

Galahs were the second most common species recorded (Figure 3), with evidence of usage in twelve WBs, while Rosellas were recorded in nine WBs. Other species recorded using the WBs included Wood Ducks, an unidentified bird, a Brushtail Possum, Marble Geckoes and various spiders.

Larger parrot species, such as Galahs, are renowned for damaging WBs. The reasons behind why they damage the boxes is not fully understood, but activity involves increasing the entrance hole and chewing internally and/or externally to help maintain the parrots continuously growing beak. Quite a few WBs were damaged by wildlife in 2020, community feedback suggests two have been badly enough, that they require replacement.

By contrast with 2016-17, 2018 and 2019, up take by feral honey bees was low across the city, with six boxes affected during spring 2021.

PROJECT BACKGROUND

CCS has engaged **fauNature®** to manufacture and install WBs across the city (e.g. Figure 4), this initiative has subsequently become known as the 'Treebnb' Project. The WBs were acquired to enhance habitat for hollow dependent fauna, deliver environmental off-set and raise environmental awareness.

Sites for installation were assessed in conjunction with CCS staff. Recommendations for preferred locations were provided, with consideration given to the needs of native fauna, arboreal resources available, educational opportunities and spread throughout the city.

Timeline - Wildlife Box installations were undertaken at different times/phases, as follows:

- August 2016-June 2017 - 52 WBs Treebnb Phase I;
- August 2016 - 10 Brushtail Boxes Torrens Rd to River Torrens (T2T);
- June 2017 - 6 WBS Adelaide Secondary School of English;
- Aug-September 2017 - 22 WBs Treebnb Phase II;
- June 2018 - 5 WBs Smart Cities Phase III boxes;
- March & December 2020 - 7 WBs Parfitt Square & 6 Trust Res. Treebnb Phase IV;
- Feb-Mar 2021 - 100 WBs Treebnb Phase V Port Rd.
- Nov 2021 - 7 Carved Hollows, Wilford Reserve, SEATON.



Figure 5: Duck Box installed in Phase I, Off Furlong St, St Clair.



Figure 4: Med Parrot Box on a eucalypt at Port Rd, Cheltenham.

Phase I of the Treebnb Project was augmented by an additional 10 BPBs delivered as part of the Torrens Road to Torrens River (T2T) Project and six WBs as part of the Adelaide Secondary School of English (ASSoE) Project. The majority of the installations took place August 2016, at eight (8) locations across the city (Linear Park (3), Sam Johnson Res., McInerney Res., St Clair (e.g. Figure 5), Charlotte St and Henley Community Garden).

The remaining WB installations for Phase I of the Treebnb and ASSoE projects took place in June 2017 at the school, a new Linear Park site, as well as Exeter Tce. (Locations: Table 2 - page 10).

A second Phase, installing 22 WBs took place August-September, 2017. Seven of the WBs were installed in one new park (Albert Greenshields Res.), while the remaining were distributed across three of the existing locations.

Phase III included the addition of five specially designed wildlife boxes, which integrate environmental and wildlife sensors, together with a digital camera. These boxes were installed in Sam Johnson Reserve in June, 2018.

Phase IV took place in two stages, an Autumn install for Parfitt Square and a December for Semaphore Park Trust Res. An additional five boxes were installed in Parfitt Sq during the maintenance programme undertaken in autumn 2020. These included a possum box built by Aiden Shea, an additional possum box and three parrot boxes. Two new WBs were also installed in Trust Res. Semaphore Park in mid-December, together with four redeployed from Exeter Tce, Renown Park. This extended the total number of WBs within the Treebnb programme to 102.

The nine Exeter Tce boxes were removed during the survey period in spring 2020, due to reclamation of the land they were situated on by Department for Planning, Transport and Infrastructure (DPTI). These WBs were redeployed to installation sites across the city, including Semaphore Park Trust Res. (4).

Phase V of the Treebnb project, was delivered in early 2021. One hundred WBs, were funded as part of environmental off-set for the Port Rd drainage project. The AHs consisted of primarily parrot boxes, however kookaburra, pardalote and bat boxes were also installed. These WBs were installed Feb-Mar 2021.



Figure 6: Large Parrot carved hollow (# 204), Wilford Res.

Seven Carved Hollows (CHs: cavities carved into dead standing stags, to mimic naturally occurring hollows), were installed in a large struggling red gum in Wilford Res. Seaton (Figure 6). The intention was to retain as much of the tree as possible, while enhancing the habitat through the addition of the CHs and environmental plantings. While being a deviation from the traditional AH provision method, they are an excellent addition to the treebnb programme. The treebnb programme now stands at 209 Artificial Hollows (AH).

LOCATION & IDENTIFICATION

Two hundred and nine AHs have been installed across the CCS and it is essential to keep track of these assets. For each AH the following information has been recorded: location (park/road/suburb), tree type, hollow type, orientation, GPS coordinates and a unique identifying number affixed to the base/side. The identification number for the AHs include a three-digit sequential codes, complete with the project's name "treebnb", attached to each box (Figure 7) or associated with each CH. Additionally, a Google Maps page/document is available showing the location and current status of the WBs (Appendix A).



Figure 7: 'treebnb' logo, with progressive box numbering (2016).



Figure 8: T2T WB, with logo, & progressive numbering (#004).

Eleven sites were selected for installations during Phase I, including the following suburbs: Renown Park, Croydon Park, West Croydon, St Clair, Grange, Henley Beach, Kidman Park, Flinders Park and West Hindmarsh. The Phase II WBs were installed at one new and three existing sites (detailed above). Phase III WBs (Smart Cities Project) were added to one existing site. Additional sites, at Parfitt Square and Semaphore Park Trust Res. were added in 2020 as part of Phase IV. Finally the Port Road WBs (Phase V) were added in 2021.

The T2T WBs were purchased independently of the treebnb WBs. They included a Lanotec oil WB treatment (Figure 8). The initial treebnb and all subsequent/replacement WBs were coated with acrylic paints, rather than Lanotec, for enhanced protection (Figure 4 & 5) or were artistically painted by the students of ASSoE (Figure 1).

The treebnb WBs are spread across the city. All T2T BPBs were installed along the River Torrens West of South Rd. The ASSoE WBs remained on site. The Port Rd WBs, were distributed along a 5 km stretch, from Bourne Ave Welland, to the northern boundary of the city. Finally the seven CHs are all associated with one large red gum located in Wilford Res. Seaton.

GPS locations are recorded for each box (e.g.-34.87153S|138.53512E) to ensure council staff or contractors can locate the boxes, as necessary. This also enables the WBs to be added to the CCS asset register (Appendix B).

MONITORING & MAINTENANCE

The maintenance and monitoring processes involve the AHs being inspected initially from the ground, then at the height of the AH externally and finally internally. The AHs are assessed for evidence of use by wildlife, as well as overall condition (Figure 9). Details of the findings are recorded.

Maintenance for the WBs is recommended once per year, to ensure each WB offers:

- 1) A safe resource for people and wildlife;
- 2) Minimise potential impact on the tree;
- 3) To maximise the useful life of the box.

February-May is an ideal period to service the WBs, as by this time most birds will have completed their nesting, and annual usage will be at its lowest. Maintenance activities were undertaken in March 2021.

Species like Brushtail Possums or micro-bats may be present year-round, in such circumstances servicing the WBs is still undertaken, though not always fully. When there is fauna occupying a WB, additional precautions are taken (e.g. sealing entrance, securing wildlife).

During maintenance work, in addition to recording wildlife activity, the WBs are cleaned out removing old nesting material and remnants of previous breeding events (e.g. feathers, egg shells, faeces) as required, and new nesting material is added. The securing mechanisms for the WBs are also adjusted, to allow for tree growth and maximise safety.



Figure 10: Large Parrot Box, Port Rd damaged by Galahs.

Monitoring surveys for the WBs take place during spring (October-November), so assessment is made during the period of highest nesting activity. The 2021 WB survey took place in mid October-November.

Monitoring of CHs is important for the first two years, to ensure the safety and integrity of the tree. From there, visits can be scaled back to once annually, preferably during the peak breeding season.

Photographs are taken during both monitoring and maintenance procedures. These highlight the various signs of wildlife activity (e.g. adults, joeys, chicks,



Figure 9: WB on Port Rd unusable, door opened by Galahs.

eggs, fur, feathers, chewing, etc) and where relevant the condition of the AHs (Figure 9 & 10). Occasionally, Galahs may remove the securing pin on the door, so if the door opens, the WB becomes unusable for that period of time (e.g. Figure 9)

Feral Honey Bees are known to inhabit AHs of a suitable volume. CCS will be advised of any potential issues with the treebnd AHs, including bees, so appropriate action can be initiated. The removal/management of AHs containing bee hives is typically undertaken by appropriately qualified beekeepers. WBs inhabited by bees are unsuitable for re-use, due to an increased likelihood of bees re-occupying these assets. Once the bees have been removed, these WBs are destroyed and replacements are installed.

ARTIFICIAL HOLLOW USAGE

Two hundred (200) WBs were serviced and/or monitored in 2021 and two WBs reside with council. An additional seven CHs installed post monitoring. Collectively these AHs are distributed in 19 locations - across the city (Table 2 - page 9).

A breakdown of the types of WBs, installed across the CCS during 2020 included:

- 33 Brushtail Possum Boxes (BPB)
- 66 Medium Parrot Boxes (MPB)
- 39 Small Parrot Boxes (SPB)
- 20 Large Parrot Boxes
- 25 Bat boxes (BtB)
- 8 Duck Boxes (DkB)
- 5 Pardalote Boxes (PdB)
- 6 Kookaburra Boxes (KbK)
- 7 Carved Hollows: 4 parrot & 3 bat.

A number of WBs were replaced during 2021, due to infestation by feral bees and/or wildlife damaged. Two WBs also currently reside with council.



Figure 11: Medium Parrot Box, with five rosella chicks & one egg, at ASSoE.

Fauna Recorded During Survey

Survey numbers differed in autumn and spring due to WB availability and the Port Rd installations. A total of 200 WBs, of a total 202, were surveyed during the year. Eighty-nine WBs (44%), were *In Use* during spring breeding (Figure 11), however if

Table 2: Wildlife Boxes installed across the City of Charles Sturt during 2021 (Map Appendix A).

LOCATION	NUMBER of WBs
Adelaide Sec. School of English, WEST CROYDON	6
Albert Greenshields Res., RENOWN PARK	8
Charlotte Tce, GRANGE	6
Community Garden, Chambers St, HENLEY BEACH	8
Kooralla Gr (River Torrens), WEST HINDMARSH	3
McDonnell Ave (River Torrens), WEST HINDMARSH	4
McInerney Park, WEST CROYDON	15
Mountbatten Tce (River Torrens), FLINDERS PARK	5
off Furlong Dr, ST CLAIR	10
Parfitt Square, BOWDEN	6
Port Rd, CHELTENHAM	34
Port Rd, CROYDON	12
Port Rd, WEST CROYDON	23
Port Rd, WOODVILLE	20
Port Rd, WOODVILLE PARK	11
Sam Johnson Res., RENOWN PARK	22
Trust Res., SEMAPHORE PARK	6
Weemala St (River Torrens), WEST HINDMARSH	3
Wilford Res., SEATON	7

the unusable/non-assessable boxes are excluded, this increases the occupation rate of 47%. This is slightly down on 2020, though when the historical WBs (001-102) are considered in isolation this figure increases to 49% and 39% or the Port Rd WBs were used in the first year they were available. This therefore represents similar usage compared to 2020 for the historical WBs, together with an impressive uptake of the new Port Rd assets. In total, 53% of the WBs were *In Use* at least once, when considered across the whole year.

By contrast 23 (22%) of the WBs were *In Use* during Autumn (non-breeding season), significantly up on the 3% recorded in 2020. Additionally, 59 WBs (29%) had been *Used in Last Twelve Months*, exhibited evidence of breeding events (Figure 12), denning behaviours or wildlife activity ranging from chewing and scratching, disturbed bedding material, dead specimens, abandoned eggs, faecal matter, insect castings, fur and/or feathers.

Six WB (3%) were occupied by feral honey bees during the spring survey. Sixteen (8%) WBs were Empty/Unused across the entire year for the historical boxes, with 39 empty over the spring survey period, when the Port Rd WBs are added. Vertebrate wildlife were recorded using WBs at most locations, although rates of usage differed.



Figure 12: Medium Parrot Box, with Lorikeet feathers & disturbed bedding, in Sam Johnson Res.

The bird species observed using the WBs over the spring 2021 period (Table 3), included: Rainbow Lorikeets, Galahs, Adelaide Rosellas, Eastern Rosellas and Wood Ducks, together with an unidentified rosella and an unidentified bird.

Usage by Wildlife Box Location

Sam Johnson Res. displayed high occupancy, during 2021. Sixteen of the 19 WBs (84%) exhibited evidence of use, with 14 *In Use* when surveyed (74%). Eleven WBs contained either Rainbow Lorikeet chicks or eggs, and two WBs supported Galah nesting (cover photo). A Brushtail Possum was also in residence (Figure 13). An Additional two WBs appeared to have been *Used In Last 12 Months* by Rainbow Lorikeets (2) when surveyed.

Numerous historical treebnb sites exhibited usage in all available boxes, when *In Use* and *Used in Last 12 Months* categories were combined. These sites included: Adelaide Secondary School of English, Koralla Grove, McDonald Ave, Mountbatten Tce, Parfitt Square, and Weemala St. Indeed five of the six available WBs in Parfitt Square were *In Use* when surveyed in Spring, with the final box having been inhabited by feral honey bees. Species across these sites included Rainbow Lorikeets, Galahs, Eastern Rosellas, Wood Ducks, together with an unidentified parrot and an unidentified bird.



Figure 13: Medium Parrot Box, with a Brushtail Possum, in Sam Johnson Res.

The Port Rd installations also demonstrated impressive usage, with 39 WBs *In Use* when inspected and 41 having been used since installation. Total usage varied between 75-87%, which is impressive, given the boxes had only been in for 7-8 months. Usage along Port Rd was primarily restricted to various parrot species.

Table 3: Spring 2021 survey bird usage, including egg and chick

Species Usage	In Use (boxes)	Egg Count	Chick Count	Used in Last 12 Months
Rainbow Lorikeet	65	49	57	34
Galah	12	10	20	15
Adelaide Rosella	4	7	11	0
Eastern Rosella	3	11	4	2
Unidentified Rosellas	2	4	5	
Wood Duck	1	5	-	-
Unidentified Birds	1	5	-	1
Feral Honey Bees	6	-	-	-

Parfitt Square, the WB built for CCS by a young resident, had three Eastern Rosella chicks fledged, just as it was being inspected.

Ten of 18 locations had over 50% of the WBs *In Use*, when assessed during the spring survey.

Wildlife box Usage by Fauna Type

Possum, small parrot, medium parrot, duck and kookaburra boxes were all used by the various parrot species during 2021. The WBs for the more difficult to attract species, including bats

and pardalotes

exhibited

limited use by

the target

vertebrate

species, with only one BtB containing evidence of use.



Figure 15: Medium Parrot Box, with four dead Eastern Rosella chicks, Port Rd Cheltenham.



Figure 14 : Medium Parrot Box, two Rainbow Lorikeet eggs, at Sam Johnson Res.

Rainbow Lorikeets were the most common species recorded during the survey period. Active nests were observed in 65 WBs (Figure 14), during the spring survey, while *Use in Last 12 Months* was noted in 32 WBs, for the spring survey.

Galahs were the second most common occupying species recorded during the survey period. Active nests were observed in 12 WBs during the spring

survey, while *Use in Last 12 Months* was noted in an additional ten WBs, in the spring (cover, Figure 3). This species can cause extensive damage to WBs they are investigating, occasionally rendering them unusable (Figure 9 & 10). A new observation was also noted during 2021; dead specimens are regularly found in the bottom of the WBs. Death can be due to a range of causes, however evidence was seen to indicate that four Eastern Rosella chicks had been killed by Galahs, while investigating/assessing the WB (Figure 15). This is the first time fresh evidence has been observed and cause was corroborated by R. Foster (SA Museum).



Figure 16: Small Parrot Box, with four Adelaide Rosella chicks & three eggs, Port Rd Cheltenham.

Nesting events were recorded in four WBs, for Adelaide Rosellas (Figure 16). Three WBs were observed with Eastern Rosellas breeding. A further three WBs were *In Use* by unidentified rosellas. Six additional WBs had been *Used in the Last 12 Months*, by unidentified parrots/birds.



Figure 17: Brushtail Box, with five Wood Duck eggs, at Mountbatten Tce.

Wood Duck activity was observed in two WBs, down on the previous year. One was *In Use* (Figure 17), while the second had been *Used in the Last 12 Months*.

Only one Brushtail Possum was actually observed during either survey period (Figure 12). The specimen was recorded at Samuel Johnson Res. Solitary possum sightings have been observed in various locations across the south-eastern

corner of the city. Unfortunately, these records do not demonstrate any consistent pattern.

Bat droppings were recorded in one box (#102) during the survey period (Figure 18). Unfortunately, identification from a visual inspections of such droppings, is not possible.

Ten marbled geckos, five Huntsmen and five unidentified spiders were all recorded in either Bat



Figure 18: Bat Box, with a bat dropping, at Trust Res.

(BtB) or Pardalote Boxes (PdB).

Feral bees are typically found in between 2-8% of WBs. Six WBs had been invaded by bees (3%), at the time of the survey in 2021. The locations included Sam Johnson, McDonald Ave, and Port Rd, Woodville (2; Figure 19).

Sixteen WBs were empty and potentially unused when surveyed, across both 2021 survey periods, for established WBs. Of these 16, all were either bat or pardalote boxes. WBs targeting less common or specialised species, have traditionally had significantly lower occupation rates. Vacancies were higher for the Port Rd installations (39), which is expected given their limited time in the landscape.



Figure 19: Med Parrot Box, with a bee hive, on Port Rd.

A range of “Non-box resident wildlife” species were recorded at various locations across the city, though not using WBs. Noisy Miners were the most widespread, observed at 155 of the 200 spring WB locations, followed by Rainbow Lorikeets (106) and Australian Magpies (20). The other observed species included Magpie-Larks, Galahs, Adelaide Rosellas, Eastern Rosellas, Feral Pigeons, Crested Pigeons, Spotted Doves, Red Wattlebirds, Musk Lorikeets, Masked Lapwings, Purple Swamphens, Eurasian Coots, Dusky Moorhens, Little Pied Cormorants and Welcome Swallows.

The life expectancy of a WB is 8-12 years. This usually holds for small-medium size parrots, pardalotes, kookaburras, ringtail and brushtail possums. This life span however, will be shortened if the WB is inhabited by feral bees or large parrots take a destructive interest in it.



Figure 20: Medium Parrot Box, with Galah damage, at Sam Johnson Reserve.

Wildlife species, particularly large parrots can cause significant damage to WBs. Parrots which may be responsible for the worst damage include Galahs, Sulphur-crested Cockatoos and Little Corellas, although to-date only Galahs have taken up residence in WBs (Figure 20). The damage may appear significant, however it is only when either the roof or door have been compromised, is replacement necessary (Figure 9). Of the 200 boxes surveyed in Spring, the majority are in good condition (65%), 65 are in fair condition (32%) and six require replacement (3%). Although two bat boxes require replacement (Trust Res.).

Of the replacements, six are due to bee hives, together with two additional BtB which have been damaged by Galahs. A number of WBs, need a replacement floor, and one to be refurbished, however the boxes themselves remain serviceable.

CONCLUSIONS & RECOMMENDATIONS

The approach the CCS has taken with the Treebnb Project, positively impacts an increasing number hollow dependent fauna, with 93 WBs *In Use* across the year (Figure 21). The 2021 year saw the highest percentage of existing boxes used by wildlife yet (53%), with 39% of new Port Rd WBs also *In Use* on the day of inspection. An additional 29% of all Spring WBs had been *Used in the Last 12 Months*. The available WBs supply much-needed habitat for various wildlife species, across the city.



Figure 21: Small Parrot Box, with two Rainbow Lorikeet chicks, on Port Rd, Cheltenham.

Ideally the WBs will continue to be serviced (& monitored) between February and May annually (when usage is at its lowest), with a second monitoring taking place during the September-November breeding peak, each year. Annual servicing maximises the safety and functionality of the WBs, minimises the impact to host trees and enables WBs damage or occupation by feral bees to be identified, so appropriate steps can be taken to maintain these resources.

Following the spring WB survey, eight wildlife boxes are no longer fit for purpose. Six of these are due to infestation by bees. Bees limit the availability of hollows, and threaten the welfare of eggs and chicks, given Australian wildlife has yet to evolve, to deal with this relatively recent threat. One MPB (#155) was damaged by Galahs and was removed in November, this has been repaired and will be replaced during servicing. Two BtBs in Trust Res., following community reports, require replacement. All other boxes appear to be in serviceable condition.

It is recommended reporting continues to be undertaken annually.

The cameras from the Smart Cities Project have been removed for assessment. Three of the cameras are with the technology contractor. The remaining two WBs containing cameras, currently reside with council and are awaiting assessment.

Figure 22: Large Parrot carved hollow (# 204), red gum, in Wilford Res.



Seven Carved Hollows to mimic natural hollows, were installed in a large struggling red gum in Wilford Res. Seaton (hollow installation Figure 22). The hollows will be assessed six monthly for the first two year, to ensure the tree is safe and the CH are performing as expected. These two visits will include servicing and surveying as with WBs, following this, management requirements will be reassessed.

Charles Sturt Council have reasonable hollow habitat coverage, through the provision of AHs in 19 locations across the city. There remains, scope to expand the number of hollows, in parks/reserves where WBs are already installed. There is also capacity within green-spaces, across the city, to extend the program and enhance habitat in more locations. To this end, expansion may be driven by off-set opportunities and engagement with other levels of government, council identified sites, community groups or local residents with specific interests.



Appendix B: Wildlife Box Locations (Street/Park & GPS coordinates).

LEGEND	
WB #: Wildlife Box Number	WB Type: Wildlife Box Type
WB Condition: Wildlife Box Condition	WB Usage: Wildlife Box Usage

BPB: Brushtail, MPB: Medium Parrot, SPB: Small Parrot, LPB: Large Parrot, BtB: Bat, DkB: Duck, PdB: Pardalote, KkB: Kookaburra & CH: Carved Hollows

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
McDonnell Ave, WEST HINDMARSH	-34.912167	138.561883	1	BPB	Eucalypt	Good	Used in last 12 Months	Unidentified Possum
McDonnell Ave, WEST HINDMARSH	-34.912033	138.561717	2	BPB	Eucalypt	Replace (bees)	Bee Hive	Feral Honey Bees
McDonnell Ave, WEST HINDMARSH	-34.91205	138.56125	3	BPB	Eucalypt	Fair	Dead Specimens Present	Rainbow Lorikeet
McDonnell Ave, WEST HINDMARSH	-34.914283	138.560783	4	BPB	Eucalypt	Fair	Used in last 12 Months	Wood Duck
Weemala St, WEST HINDMARSH	-34.914467	138.546167	5	BPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Weemala St, WEST HINDMARSH	-34.914456	138.54545	6	BPB	Eucalypt	Good	Dead Specimens Present	Rainbow Lorikeet
Weemala St, WEST HINDMARSH	-34.914456	138.546718	7	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Kooralla Gr, WEST HINDMARSH	-34.918344	138.532331	8	BPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Kooralla Gr, WEST HINDMARSH	-34.918265	138.531938	9	BPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Kooralla Gr, WEST HINDMARSH	-34.918311	138.531365	10	BPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.892212	138.579304	11	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.892201	138.579965	12	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.892177	138.580886	13	SPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.891612	138.580741	14	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.891435	138.581506	15	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.890901	138.581414	16	MPB	Eucalypt	Fair	In Use	Galah
Sam Johnson Res., RENOWN PARK	-34.890422	138.581344	17	SPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.889937	138.581136	18	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.890112	138.580865	19	MPB	Eucalypt	Fair	In Use	Brushtail Possum
Sam Johnson Res., RENOWN PARK	-34.890181	138.579251	20	SPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.890328	138.578968	21	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.890368	138.579008	22	BtB	Eucalypt	Fair	Empty/Unused	Marbled Gecko
Sam Johnson Res., RENOWN PARK	-34.890288	138.578948	23	BtB	Eucalypt	Fair	Empty/Unused	Marbled Gecko
Sam Johnson Res., RENOWN PARK	-34.890712	138.578889	24	SPB	Eucalypt	Fair	In Use	Rainbow Lorikeet

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
off Furlong Dr, ST CLAIR	-34.8713	138.536053	25	DkB	Eucalypt	Good	In Use	Rainbow Lorikeet
off Furlong Dr, ST CLAIR	-34.871217	138.536083	26	DkB	Eucalypt	Fair	In Use	Galah
off Furlong Dr, ST CLAIR	-34.870167	138.53625	27	MPB	Pine	Fair	Used in last 12 Months	Rainbow Lorikeet
off Furlong Dr, ST CLAIR	-34.869833	138.536333	28	DkB	Eucalypt	Fair	Used in last 12 Months	Galah
off Furlong Dr, ST CLAIR	-34.869617	138.536367	29	DkB	Eucalypt	Good	In Use	Rainbow Lorikeet
off Furlong Dr, ST CLAIR	-34.869144	138.536404	30	DkB	Eucalypt	Good	In Use	Rainbow Lorikeet
off Furlong Dr, ST CLAIR	-34.8715	138.53495	31	BtB	Other	Fair	Empty/Unused	Huntsman Spider
off Furlong Dr, ST CLAIR	-34.871503	138.53498	32	BtB	Other	Fair	Empty/Unused	Marbled Gecko
off Furlong Dr, ST CLAIR	-34.871497	138.53492	33	BtB	Other	Fair	Empty/Unused	Marbled Gecko
off Furlong Dr, ST CLAIR	-34.868894	138.536464	34	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Community Garden, HENLEY BEACH	-34.918133	138.498783	35	MPB	Eucalypt	Fair	Used in last 12 Months	Empty (when observed)
Community Garden, HENLEY BEACH	-34.918151	138.498905	36	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Community Garden, HENLEY BEACH	-34.9178	138.498883	37	BtB	Eucalypt	Good	Empty/Unused	Marbled Gecko
Community Garden, HENLEY BEACH	-34.91782	138.498863	38	BtB	Eucalypt	Good	Empty/Unused	Marbled Gecko
Charlotte Tce, GRANGE	-34.90245	138.498967	39	DkB	Eucalypt	Good	In Use	Rainbow Lorikeet
Charlotte Tce, GRANGE	-34.902533	138.49905	40	BtB	Eucalypt	Good	Empty/Unused	Marbled Gecko
Charlotte Tce, GRANGE	-34.902563	138.49908	41	BtB	Eucalypt	Good	Empty/Unused	Marbled Gecko
Charlotte Tce, GRANGE	-34.903217	138.499833	42	DkB	Eucalypt	Good	In Use	Rainbow Lorikeet
Charlotte Tce, GRANGE	-34.902967	138.499467	43	MPB	Eucalypt	door open, unusable	Used in last 12 Months	
Charlotte Tce, GRANGE	-34.902667	138.4992	44	DkB	Other	Good	In Use	Rainbow Lorikeet
McInerney Park, WEST CROYDON	-34.88664	138.553401	45	BPB	Eucalypt	Good	Empty/Unused	Empty (when observed)
McInerney Park, WEST CROYDON	-34.886435	138.553103	46	BPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
McInerney Park, WEST CROYDON	-34.886669	138.552321	47	BPB	Eucalypt	Good	Used in last 12 Months	Galah
McInerney Park, WEST CROYDON	-34.886739	138.55227	48	SPB	Eucalypt	Fair	unusable no floor	Galah
McInerney Park, WEST CROYDON	-34.886889	138.552726	49	MPB	Eucalypt	Fair	In Use	Galah
McInerney Park, WEST CROYDON	-34.887247	138.552427	50	SPB	Eucalypt	Fair	Empty/Unused	Huntsman Spider
McInerney Park, WEST CROYDON	-34.887518	138.551748	51	BPB	Eucalypt	Good	In Use	Galah
Albert Greenshields Res., RENOWN PARK	-34.891517	138.57309	52	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Trust Res. SEMAPHORE PARK	-34.85722	138.492886	53	BPB	Eucalypt	Fair	Used in last 12 Months	Galah
Sam Johnson Res., RENOWN PARK	-34.89016	138.579696	54	BPB	Eucalypt	Fair	Used in last 12 Months	Rainbow Lorikeet

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
Sam Johnson Res., RENOWN PARK	-34.89027	138.579237	55	BPB	Eucalypt	Fair	In Use	Galah
Parfitt Square, BOWDEN	-34.899676	138.5819	56	BPB	Eucalypt	Replace (bees)	Bee Hive	Feral Honey Bees
Trust Res. SEMAPHORE PARK	-34.856981	138.493005	57	BPB	Eucalypt	Fair	Used in last 12 Months	Empty (when observed)
Mountbatten Tce, FLINDERS PARK	-34.913383	138.549422	58	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Mountbatten Tce, FLINDERS PARK	-34.913383	138.549422	59	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Mountbatten Tce, FLINDERS PARK	-34.9135	138.550392	60	BPB	Eucalypt	door open unusable	door open unusable	
Mountbatten Tce, FLINDERS PARK	-34.913755	138.551325	61	BPB	Eucalypt	Fair	In Use	Wood Duck
Mountbatten Tce, FLINDERS PARK	-34.913597	138.55214	62	BPB	Eucalypt	Fair	door open unusable	Galah
Adelaide Sec. School of English, WEST CROYDON	-34.886451	138.565926	63	MPB	Eucalypt	Good	In Use	Unidentified Rosella
Adelaide Sec. School of English, WEST CROYDON	-34.887006	138.566127	64	SPB	White Cedar	Good	Used in last 12 Months	Unidentified Parrot
Adelaide Sec. School of English, WEST CROYDON	-34.886666	138.565509	65	SPB	Other	Good	In Use	Rainbow Lorikeet
Adelaide Sec. School of English, WEST CROYDON	-34.886734	138.564383	66	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Adelaide Sec. School of English, WEST CROYDON	-34.886664	138.566937	67	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Adelaide Sec. School of English, WEST CROYDON	-34.886521	138.566731	68	MPB	Eucalypt	Good	Dead Specimens Present	Rainbow Lorikeet
McInerney Park, WEST CROYDON	-34.887878	138.552419	69	SPB	Eucalypt	Fair	Used in last 12 Months	Empty (when observed)
McInerney Park, WEST CROYDON	-34.887311	138.55276	70	MPB	Eucalypt	Fair	Used in last 12 Months	Galah
McInerney Park, WEST CROYDON	-34.886953	138.55276	71	PdB	Eucalypt	Good	Empty/Unused	Huntsman Spider
McInerney Park, WEST CROYDON	-34.886953	138.552784	72	KbB	Eucalypt	Fair	In Use	Rainbow Lorikeet
McInerney Park, WEST CROYDON	-34.88688	138.552569	73	BtB	Eucalypt	Fair	Empty/Unused	Empty (when observed)
McInerney Park, WEST CROYDON	-34.886878	138.552549	74	BtB	Eucalypt	Fair	Empty/Unused	Empty (when observed)
McInerney Park, WEST CROYDON	-34.886882	138.552589	75	PdB	Eucalypt	Good	Empty/Unused	Empty (when observed)
McInerney Park, WEST CROYDON	-34.887013	138.551985	76	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.891604	138.580477	77	PdB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Trust Res. SEMAPHORE PARK	-34.857122	138.491896	78	SPB	Eucalypt	Good	In Use	Adelaide Rosella
Trust Res. SEMAPHORE PARK	-34.857062	138.491662	79	MPB	Eucalypt	Fair	Used in last 12 Months	Galah
Community Garden, HENLEY BEACH	-34.91847	138.49871	80	KbB	Eucalypt	Fair	Used in last 12 Months	Rainbow Lorikeet

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
Community Garden, HENLEY BEACH	-34.91846	138.498656	81	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Community Garden, HENLEY BEACH	-34.91778	138.498903	82	PdB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Community Garden, HENLEY BEACH	-34.917562	138.498921	83	MPB	Eucalypt	Fair	In Use	Galah
Albert Greenshields Res., RENOWN PARK	-34.891934	138.572797	84	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Albert Greenshields Res., RENOWN PARK	-34.891914	138.572777	85	PdB	Eucalypt	Good	Empty/Unused	Huntsman Spider
Albert Greenshields Res., RENOWN PARK	-34.891798	138.573124	86	BPB	Eucalypt	Fair	Used in last 12 Months	Rainbow Lorikeet
Albert Greenshields Res., RENOWN PARK	-34.891685	138.573212	87	KbB	Eucalypt	Fair	Used in last 12 Months	Rainbow Lorikeet
Albert Greenshields Res., RENOWN PARK	-34.891699	138.573463	88	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Albert Greenshields Res., RENOWN PARK	-34.89143	138.573602	89	BPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Albert Greenshields Res., RENOWN PARK	-34.890704	138.573582	90	MPB	Eucalypt	Fair	In Use	Galah
Sam Johnson Res., RENOWN PARK	-34.891622	138.580444	91	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.89204	138.580787	93	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Sam Johnson Res., RENOWN PARK	-34.892216	138.580299	95	MPB	Eucalypt	Replace (bees)	Bee Hive	Feral Honey Bees
Parfitt Square, BOWDEN	-34.899813	138.581645	96	MPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Parfitt Square, BOWDEN	-34.899951	138.581802	97	BPB	Eucalypt	Good	In Use	Eastern Rosella
Parfitt Square, BOWDEN	-34.899765	138.581899	98	SPB	Eucalypt	Fair	In Use	Rainbow Lorikeet
Parfitt Square, BOWDEN	-34.899676	138.5819	99	MPB	Eucalypt	Fair	In Use	Galah
Parfitt Square, BOWDEN	-34.899401	138.581884	100	BPB	Other	Good	In Use	Rainbow Lorikeet
Trust Res. SEMAPHORE PARK	-34.85722	138.492886	101	BtB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Trust Res. SEMAPHORE PARK	-34.85722	138.492886	102	BtB	Eucalypt	Good	Used in last 12 Months	Unidentified Bat
Port Rd, CROYDON	-34.898167	138.561526	103	MPB	Eucalypt	Good	In Use	Unidentified Bird
Port Rd, CROYDON	-34.897983	138.561084	104	SPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, CROYDON	-34.897479	138.560319	105	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CROYDON	-34.89732	138.560142	106	MPB	Eucalypt	Good	In Use	Eastern Rosella
Port Rd, CROYDON	-34.897115	138.559892	107	LPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CROYDON	-34.897109	138.559687	108	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CROYDON	-34.897109	138.559687	109	BtB	Eucalypt	Good	Empty/Unused	Huntsman Spider

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
Port Rd, CROYDON	-34.897109	138.559687	110	BtB	Eucalypt	Good	Empty/Unused	Huntsman Spider
Port Rd, CROYDON	-34.896751	138.559163	111	KbB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Port Rd, CROYDON	-34.896585	138.558945	112	LPB	Eucalypt	Fair	Used in last 12 Months	Empty (when observed)
Port Rd, CROYDON	-34.896109	138.558175	113	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CROYDON	-34.89598	138.558229	114	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.895733	138.557755	115	LPB	Eucalypt	Good	Used in last 12 Months	Galah
Port Rd, WEST CROYDON	-34.895641	138.557733	116	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.895512	138.557564	117	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.895252	138.557136	118	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.894927	138.556587	119	LPB	Eucalypt	Fair	Empty/Unused	Empty (when observed)
Port Rd, WEST CROYDON	-34.894554	138.556091	120	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.894554	138.556091	121	BtB	Eucalypt	Good	Empty/Unused	Unidentified Spider
Port Rd, WEST CROYDON	-34.894554	138.556091	122	BtB	Eucalypt	Good	Empty/Unused	Unidentified Spider
Port Rd, WEST CROYDON	-34.894603	138.555868	123	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.893353	138.554039	124	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.893257	138.554093	125	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.893121	138.55394	126	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.893214	138.553813	127	LPB	Eucalypt	Fair	Dead Specimens Present	Eastern Rosella
Port Rd, WEST CROYDON	-34.892474	138.552957	128	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.892566	138.552844	129	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.892425	138.552662	130	LPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.892274	138.55243	131	SPB	Eucalypt	Fair	Used in last 12 Months	Empty (when observed)
Port Rd, WEST CROYDON	-34.892194	138.552305	132	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.891942	138.551895	133	MPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, WEST CROYDON	-34.891734	138.551537	134	LPB	Eucalypt	Good	In Use	Adelaide Rosella
Port Rd, WEST CROYDON	-34.891585	138.551559	135	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WEST CROYDON	-34.891608	138.551375	136	LPB	Eucalypt	Relocate Box	In Use	Galah
Port Rd, WEST CROYDON	-34.889535	138.548489	137	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.888886	138.547549	138	LPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.888595	138.547142	139	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.888246	138.5463	140	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
Port Rd, WOODVILLE PARK	-34.887128	138.544967	141	MPB	Eucalypt	Replace (bees)	Bee Hive	Feral Honey Bees
Port Rd, WOODVILLE PARK	-34.885993	138.543289	142	MPB	Eucalypt	Replace (bees)	Bee Hive	Feral Honey Bees
Port Rd, WOODVILLE PARK	-34.8859	138.543043	143	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.885704	138.542768	144	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.885414	138.542311	145	LPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.884136	138.540158	146	LPB	Eucalypt	Good	In Use	Adelaide Rosella
Port Rd, WOODVILLE PARK	-34.884017	138.54026	147	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE PARK	-34.88385	138.539734	148	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.883675	138.53973	149	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.882708	138.538344	150	SPB	Euc	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.882554	138.538114	151	SPB	Euc	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.883675	138.53973	152	MPB	Euc	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.881666	138.536767	153	MPB	Euc	Replace (bees)	Bee Hive	Feral Honey Bees
Port Rd, WOODVILLE	-34.881067	138.535778	154	LPB	Euc	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.881019	138.535509	155	MPB	Euc	Fair	In Use	Galah
Port Rd, WOODVILLE	-34.880847	138.535428	156	MPB	Euc	Fair	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.880618	138.534853	157	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.880477	138.534872	158	MPB	Eucalypt	Fair	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.880453	138.534623	159	SPB	Eucalypt	Fair	Used in last 12 Months	Galah
Port Rd, WOODVILLE	-34.880303	138.534718	160	LPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.877265	138.530196	161	LPB	Eucalypt	Good	In Use	Galah
Port Rd, WOODVILLE	-34.877078	138.529913	162	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, WOODVILLE	-34.877001	138.529811	163	LPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, WOODVILLE	-34.876886	138.529393	164	SPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, WOODVILLE	-34.876508	138.528942	165	KbB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Port Rd, WOODVILLE	-34.876498	138.528886	166	BtB	Eucalypt	Good	Empty/Unused	Huntsman Spider
Port Rd, WOODVILLE	-34.876498	138.528886	167	BtB	Eucalypt	Good	Empty/Unused	Huntsman Spider
Port Rd, WOODVILLE	-34.876155	138.528507	168	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.874021	138.525361	169	MPB	Pine	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.8739	138.525181	170	SPB	Pine	Good	Empty/Unused	Empty (when observed)

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
Port Rd, CHELTENHAM	-34.873624	138.524729	171	MPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.873416	138.524415	172	LPB	Eucalypt	Good	Used in last 12 Months	Galah
Port Rd, CHELTENHAM	-34.873474	138.524162	173	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.873119	138.523942	174	LPB	Ironbark	Good	Used in last 12 Months	Galah
Port Rd, CHELTENHAM	-34.872966	138.523781	175	MPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, CHELTENHAM	-34.872525	138.523103	176	SPB	Ironbark	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.872525	138.523103	177	BtB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Port Rd, CHELTENHAM	-34.872525	138.523103	178	BtB	Eucalypt	Good	Empty/Unused	Unidentified Spider
Port Rd, CHELTENHAM	-34.872437	138.522972	179	BtB	Eucalypt	Good	Empty/Unused	Huntsman Spider
Port Rd, CHELTENHAM	-34.872315	138.522767	180	MPB	Eucalypt	Fair	In Use	Galah
Port Rd, CHELTENHAM	-34.872154	138.52252	181	SPB	Allocasuarina	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.871812	138.522028	182	MPB	Eucalypt	Good	Dead Specimens Present	Eastern Rosella
Port Rd, CHELTENHAM	-34.871746	138.521925	183	SPB	Eucalypt	door open unusable		
Port Rd, CHELTENHAM	-34.871102	138.520907	184	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.870495	138.519732	185	LPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.8693	138.518835	186	MPB	Eucalypt	Good	In Use	Eastern Rosella
Port Rd, CHELTENHAM	-34.869183	138.518482	187	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.869043	138.518455	188	MPB	Eucalypt	Good	In Use	Unidentified Rosella
Port Rd, CHELTENHAM	-34.868875	138.518555	189	LPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.868553	138.518366	190	MPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, CHELTENHAM	-34.868349	138.518165	191	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.868018	138.518063	192	BtB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Port Rd, CHELTENHAM	-34.868018	138.518063	193	BtB	Eucalypt	Good	Empty/Unused	Unidentified Spider
Port Rd, CHELTENHAM	-34.868018	138.518063	194	BtB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Port Rd, CHELTENHAM	-34.868129	138.517703	195	SPB	Eucalypt	Good	In Use	Adelaide Rosella
Port Rd, CHELTENHAM	-34.867955	138.517723	196	MPB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, CHELTENHAM	-34.867758	138.517881	197	KbB	Eucalypt	Good	Used in last 12 Months	Empty (when observed)
Port Rd, CHELTENHAM	-34.867591	138.517512	198	SPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Port Rd, CHELTENHAM	-34.867508	138.517644	199	MPB	Eucalypt	Good	Empty/Unused	Empty (when observed)
Port Rd, CHELTENHAM	-34.867164	138.51715	200	SPB	Eucalypt	Good	Used in last 12 Months	Rainbow Lorikeet

Tree Location - Street/Park	Latitude	Longitude	WB #	WB Type	Tree Type	WB Condition	WB Usage:	Species to Use box:
Port Rd, CHELTENHAM	-34.867049	138.51744	201	LPB	Eucalypt	Good	Used in last 12 Months	Galah
Port Rd, CHELTENHAM	-34.866527	138.516919	202	MPB	Eucalypt	Good	In Use	Rainbow Lorikeet
Wilford Reserve, SEATON	-34.901482	138.511423	203	CH	Eucalypt	Good	Install	-
Wilford Reserve, SEATON	-34.901482	138.511423	204	CH	Eucalypt	Good	Install	-
Wilford Reserve, SEATON	-34.901482	138.511423	205	CH	Eucalypt	Good	Install	-
Wilford Reserve, SEATON	-34.901482	138.511423	206	CH	Eucalypt	Good	Install	-
Wilford Reserve, SEATON	-34.901482	138.511423	207	CH	Eucalypt	Good	Install	-
Wilford Reserve, SEATON	-34.901482	138.511423	208	CH	Eucalypt	Good	Install	-
Wilford Reserve, SEATON	-34.901482	138.511423	209	CH	Eucalypt	Good	Install	-