



GLEN EIRA
CITY COUNCIL

PUBLIC TOILET STRATEGY REVIEW

2015



BENTLEIGH · BENTLEIGH EAST · BRIGHTON EAST · CARNEGIE · CAULFIELD · ELSTERNWICK
GARDENVALE · GLEN HUNTLY · MCKINNON · MURRUMBEENA · ORMOND · ST KILDA EAST

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1 INTRODUCTION

Council adopted a new *Public Toilet Strategy* in August 2010 including a new five-year *Action Plan* and *Guidelines*. With the action plan now almost complete, Council has elected to review the old *Strategy* with a view to adopting a new *Five-Year Action Plan*.

The Review provides information about Council's public toilets, review progress of actions arising from the old *Five-Year Plan* and makes recommendations on what should be included in the new *Five-Year Plan*.

A copy of the *2010 Strategy* is available on Council's website.

1.1 About our public toilets

Council now has 57 public toilets facilities in its parks and in shopping centres comprising four types:

1. Fully automated unisex public toilets

Most (36) of Council's public toilets are free standing, fully automated and unisex. Each toilet of this type contains fully automated door (for universal access, locking at night and to deter antisocial behaviour), wash basin, dryer, soap and paper dispenser and self-cleaning mechanism.

They are best suited to sites with occasional and/or intermittent use and/or where there is a history of antisocial behaviour associated with old traditional public toilets they replace.

2. Traditional public toilets

Council has nine traditional public toilets. They have separate male and female facilities with shared wash basins and dryers. All components are manually operated.

3. Pavilion public toilets

These toilets are built into pavilion with access to the public. Most are fully automated. Council has 11 such toilets.

Some are open daylight hours, seven days a week. Some are open only during times of peak demand.

4. Hybrid public toilets

Council has trialled a new hybrid toilet facility in Hawthorn Road, Caulfield South. It has automated doors but other components are manually operated. The findings of the trial are discussed below.

Appendix D contains a list of all Council's public toilets. They have a total replacement value of \$6.4 million.

1.2 Overview of 2010 Strategy

Council adopted a new *Public Toilet Strategy* in August 2010 setting a new strategic direction for managing Council's public toilets. It was adopted after extensive consultation with the community about its public toilet needs.

Key actions arising from the *Strategy* were for Council to:

- a. continue to replace traditional toilets with fully automated toilets in places with occasional and/or intermittent peak use;
- b. trial the use of hybrid toilets in high use areas;
- c. adopt new guidelines for:
 - assessing need to replace, upgrade or install new public toilets in parks and shopping centres; and
 - design and siting of public toilets.
- d. monitor the use of *Community Use Toilet Schemes* elsewhere to assess potential use in Glen Eira;
- e. adopt and implement a *Five-Year Action Plan* to improve operational performance of public toilets, to renew, replace or upgrade old toilets and to install new public toilets at various locations; and
- f. review the frequency and timing of routine cleaning of public toilets.

1.3 Methodology

This review has been completed in three stages:

1. Review of progress of actions arising from the *2010 Strategy*.
2. Identification of possible new actions.
3. Preparation of a new draft *Five Year Action Plan*.

2 REVIEW OF PROGRESS

2.1 Strategic Direction

The *2010 Strategy* set Council to:

- a. provide and maintain a network of public toilets that are safe, accessible, high quality and sustainable;
- b. upgrade the public toilet network ensuring it meets current expectations and is placed at locations that best meet community needs and the principles of crime prevention through environmental design;
- c. ensure the provision of public toilets of suitable quality, cleanliness and maintenance that support activities within the municipality and are funded in a sustainable manner; and

- d. provide universal access to all Council's public toilets when renewing or installing new facilities.

This strategic direction remains relevant today.

2.2 Actions arising

The *2010 Strategy* recommended Council implement five operational actions and twenty two actions relating to capital works by 2015. Many of the actions are now complete while a few are due for completion by 2015. The status of each is shown in Appendix A. Outstanding actions are still relevant so should still be completed as resources allow.

Recommendation: Reprioritise outstanding actions and include in a new Five-year Action Plan.

Outcomes of the actions relevant to this review are discussed further below, including recommendations where appropriate.

2.2.1 Managing public toilets

A number of the actions arising from the *2010 Strategy* dealt with how Council may better manage its public toilets.

Routine toilet cleaning

When Council consulted the community in 2010, a key concern was the cleanliness and appearance of public toilets in Glen Eira. In response, Action 1.A was to:

“Annually review frequency and timing of routine toilet cleaning to improve overall cleanliness of toilets and ensure supplies of paper and soap.”

The annual reviews resulted in Council cleaning toilets more frequently. Most toilets are cleaned daily, however high usage areas are cleaned twice daily with a third clean during market day. Council now also arranges extra cleans during public events and peak trading periods in shopping centres.

To allow for the extra cleaning, Council increased its allocation for public toilet cleaning from \$350,000 to \$400,000¹ in its *2013–14 Budget*.

The demand for extra cleaning is driven by extra use. Use of the public toilets is likely to continue to increase as Glen Eira's population grows.

Recommendation: Continue to annually review frequency and timing of routine public toilet cleaning and adjust as necessary.

Maintaining public toilets

An action of the *2010 Strategy* was to prepare a new *Public Asset Maintenance Plan*. This was completed and the *Plan* is now regularly updated to reflect changes in maintenance practices and the type and number of public toilets that Council manages.

¹ Excludes normal CPI contract increases

The *Plan* has helped Council better understand the cost of maintaining and the use of public toilets including:

- On average, automated toilets is used 44 times a day or 16,000 per annum ².
- The average cost per use of an automated toilet is \$0.56.
- The annual cost to maintain automated toilets is much less than traditional toilets despite automated toilets being in areas where much higher use is likely (see Table 4). Pavilion toilets cost less to maintain because they are not open as much.
- Early indications suggest the cost to maintain hybrid toilets will be similar to automated toilets.

Table 4: Maintenance costs of Public Toilets³

Type	Number of toilets (by year)		Maintenance cost per year	Cost per toilet per year
	2010	2014		
Fully Automated ⁴	31	36	\$323,540	\$8,987
Traditional	11	9	\$151,439	\$16,827
Pavilion	15	12	\$69,632	\$5,803
Total / Average	57	57	\$544,611	\$9,555

Improving overall condition

A number of actions from the *2010 Strategy* aimed to ensure that Council continues to provide public toilets that are safe, accessible and of a high quality. To monitor whether such actions are achieving these objectives, Council plans to undertake building condition audits of all public toilet facilities. As well as assessing progress, Council will use such audits to inform periodic maintenance and planned renewal of its toilets.

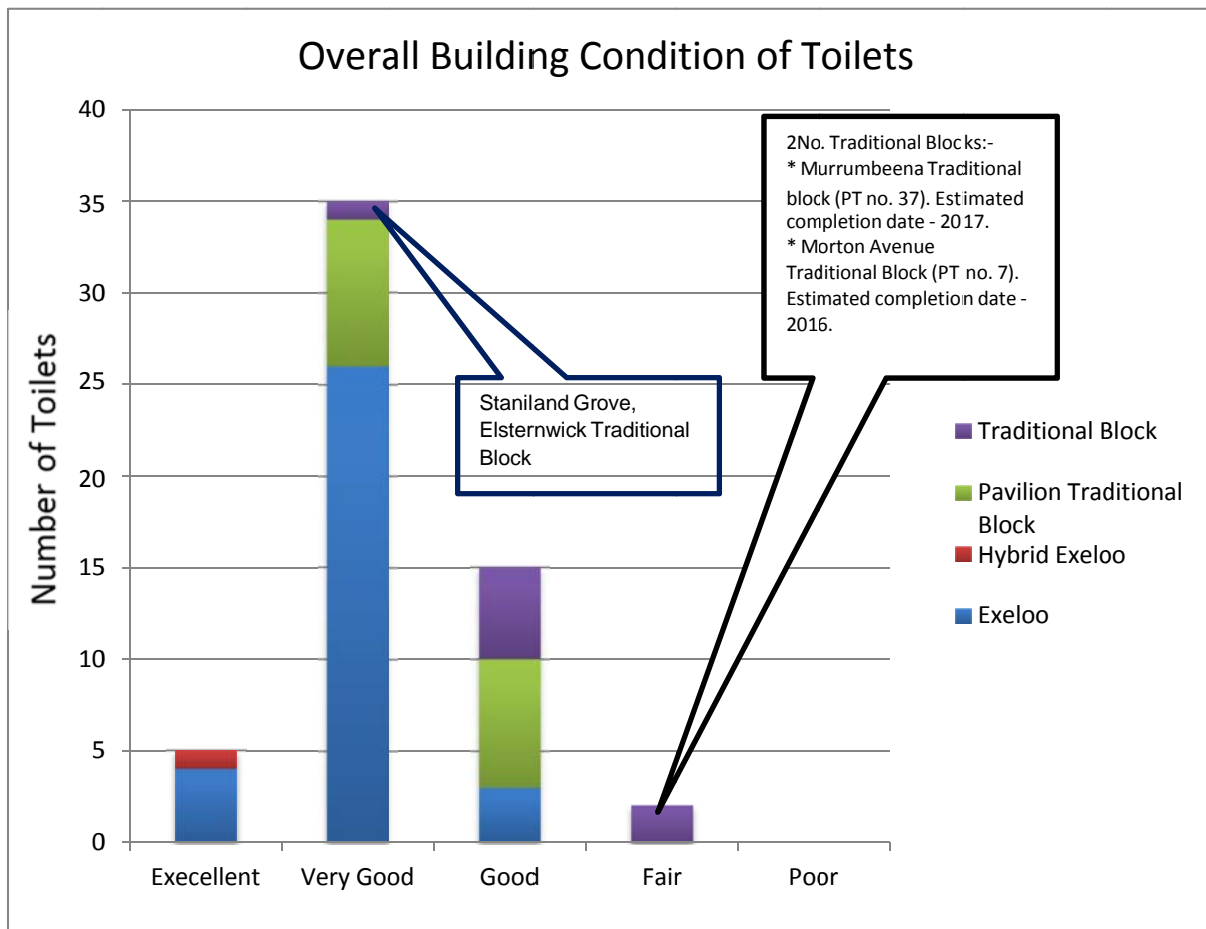
Council completed the first audit in 2010. It assessed each component of a toilets (eg. roof, internal fixtures, painting) separately to arrive at an overall condition score (ranging from excellent to poor). The audit found that more than 90 percent of Council's automated public toilets had an overall condition of excellent or very good condition while most traditional toilets were in at least good condition (refer to graph). The high scores reflect Council's significant investment in public toilets since 2010.

² Only 15 automated toilets record use (through number of door openings). Data is not available for traditional toilets.

³ Excludes electricity and water costs.

⁴ Includes one automated hybrid toilet.

Graph 1



While the overall condition is high, some of the components of the toilets are in poor condition. For example, some automated toilets have been in service for more than a decade and the internal fixtures and finishes are beginning to look old and tired.

To ensure that all components of Council's public toilets continue to meet community expectations, Council increased its allocation for its *Public Toilet Renewal Program* to \$119,000 in its *2014–15 Capital Works Program* (was \$70,000 in prior years).

Further work is currently underway to assess whether the current level of funding for renewal of public toilets is sustainable to maintain the toilets in a high quality condition.

Recommendation: Review funding levels of Council's *Public Toilet Renewal Program* to ensure Council continue to provide high quality public toilets.

The condition audit has found the overall condition of two traditional toilets is fair:

PT 37 Corner Neerim Road and Murrumbeena Road, Murrumbeena

PT 7 11 Morton Avenue, Carnegie (outside Carnegie Railway Station)

To improve the condition of Public Toilet PT37 Council will need to renew or replace it.

Work on Public Toilet PT7 is also warranted but this toilet may be affected by the proposed reconstruction of Carnegie Railway Station. Station works are proposed as part of the Victorian Government's *Cranbourne Pakenham Rail Corridor Project* which is likely to be undertaken during 2016/17.

Council should defer any decision about Public Toilet PT7 until the scope of the Carnegie Station works is known.

Recommendation: Assess the need to renew, replace or upgrade the Murrumbeena (PT37) and undertake required works.

When the scope of Carnegie Railway Station works is known, review need for the Carnegie (PT7) public toilet and undertake required works.

Hybrid toilet trial

A hybrid automated toilet incorporates the characteristics of the fully automated toilet but without the some electronic automated functions. Flushing, soap and paper dispensing and cleaning are done manually. This allows flexible layout of multiple cubicles at a more economical cost compared with fully automated toilets.

In November 2011, Council replaced an old traditional toilet with a new hybrid type at 340A Hawthorn Road, Caulfield to trial this new type of toilet.

Action 8.B of the *2010 Strategy* was to survey users of the new hybrid toilet after construction to gauge community attitude. If there is community acceptance, Council would then adopt the hybrid model for other new or replacement toilets in high use areas.

Accordingly, Council undertook face-to-face intercept surveys of 20 users who had used both the old and the new toilet.

The survey found of the respondents:

- almost all preferred to use the new facility (93 per cent); and
- all preferred the appearance of the new toilet to the old.

The main reasons given for preferring the new toilet was that it was cleaner, more sanitary and smelt less than the old facility. Several respondents commented that the hybrid toilet looks better and has a modern appearance.

One respondent commented that the Hybrid Toilet often broke down. The breakdowns were associated with the trial use of ultra-low flush pans to conserve water. The manufacturer has since installed a modification (at its cost), greatly reducing the frequency of blockages⁵. To ascertain whether Council should use the ultra-low flush pans in other public toilets will require further monitoring of the Hawthorn Road facility.

⁵ All public toilets block from time to time as users sometimes place large objects in the pans

Another respondent expressed concern with regards to the time limit for using the hybrid facility. Removing the time limit is not recommended. It deters antisocial behaviour in the toilets (a problem in many traditional toilets).

The trial and other investigation on this matter suggest hybrid toilets will achieve:

- a high level of community acceptance;
- a likely reduction in the capital cost (where multiple cubicles are necessary) of providing new toilets compared to fully automated alternatives; and
- similar maintenance costs to fully automated toilets.

Accordingly, Council should consider using hybrid toilets when replacing or installing additional toilets in the future. To allow for this, Council should consider updating its *Guidelines*.

Community Use Toilet Schemes

Council continues to monitor the use of privately owned and managed toilets for public use in other municipalities. Common examples are toilets in supermarkets but may also include toilets in other businesses adjacent to public areas such as parks.

A recent successful example was in Port Melbourne where the local council negotiated a licence with a supermarket to make its toilets available to the public.

The success of such arrangements depends on the quality of the facilities, the standard of cleaning, opening hours and type of business (eg. it may not be appropriate to establish community use of toilets in a licenced premises).

Council will continue to monitor and assess opportunities for *Community Use Toilets Schemes* as such opportunities present in Glen Eira.

Recommendation: Continue to monitor and assess the use of *Community Use Toilet Schemes* and when a suitable site is identified in Glen Eira.

2.3 Needs assessment checklist

Several actions from the *2010 Strategy* relate to better assessing needs, siting, and features of replacement or additional public toilets (eg. 5.A, 7.A, 1.B and 3.B). To ensure such matters are addressed in future (including the possible use of hybrid toilets and water conservation features referred to above), Council should update its *Needs Assessment Checklist* to reflect current best practice.

Recommendation: Update the *Guidelines for Public Toilet Needs Assessment Checklist* as per Appendix B.

3 NEW INITIATIVES

3.1 Request for additional public toilets

Since 2010, Council has received a number of requests for additional public toilets. These have been assessed against the *Public Toilet Needs Assessment*. Findings are:

Location	Initiated by	Comment
Murrumbeena Reserve (37 Kangaroo Road)	Sportsground and Park users	Install additional automated toilet in the playground.
Centenary Park, Bentleigh East	Sportsground users	Committed. Available mid-2015 The new pavilion will include an automated toilet for public use. Compliance with Guidelines: High irregular use expected; services sports grounds.
Centre Road, Bentleigh East	Bentleigh East traders and shoppers	Committed. Available 2016/17. Council considered this request at its 2 November 2011 Council meeting. The supermarket at 10-12 Heather Street has a public toilet but access requires users to leave a deposit with store staff (eg. a credit card or drivers licence). A new development at 658 and 672 Centre Road will privately fund a new public toilet (off Browns Road) that Council will manage. Works at 658 Centre Road are in progress. Works at 672 Centre Road (which will include the public toilet) will follow. Compliance with Guidelines: Use likely to be low but the only other public toilet within 500m has restricted use.
Duncan Mackinnon Reserve, Murrumbeena	Athletic track and netball court users	Committed. Available late 2015. The new pavilion will include automated toilets for public use. Compliance with Guidelines: High irregular use expected; services sports facilities and general public.
Former Glen Huntly Reservoir – Proposed Park, Glen Huntly	Internal needs assessment	Committed. Available 2016 To be built with new park. Compliance with Guidelines: High irregular use and medium regular use expected; services park which will include play spaces, walking track and facilities for special events.
McKinnon Reserve Playground, McKinnon	Park users	This is a local level playground. Use of a public toilet is likely to be low. The nearest public toilet is in the pavilion about 200m from the playground. When assessed against the <i>Public Toilet Needs Assessment Checklist</i> , a public toilet for the playground is unwarranted at this time. Non-Compliance with Guidelines: Other public toilet within 500m; low expected use.

Recommendation: Recognise Council's commitment to new public toilets in new *Five-year Action Plan*

Continue to assess new requests for additional public toilets using *Guidelines for Public Toilet Needs Assessment Checklist*.

3.2 New Five-Year Action Plan

The review has made a number of recommendations. To implement these recommendations a new *Five-Year Plan* is proposed (refer to Appendix C) subject to future capital budget allocations. It includes actions from the *2010 Strategy* that still need to be completed.

4 RECOMMENDATIONS

It is recommended that Council endorse the draft review for public exhibition including the draft *Public Toilet Needs Assessment* and new *Five-Year Action Plan*.

Appendix A Progress of the 2010 Strategy's Five Year Action Plan

Item	Toilet Facility	Action	Status	Comment
A. Operational				
A.1	All public toilets particularly those in high use areas	Routine toilet cleaning Annually review frequency and timing of routine toilet cleaning to improve overall cleanliness of toilets and ensure supplies of paper and soap.	Completed	Ongoing. Reviews carried out annually.
A.2	All public toilets in high use areas	Soap and handtowel facilities Undertake a review to determine toilets without soap or handtowel facilities and where practicable provide these facilities at all high use toilets.	Completed	Review found that soap and handtowel dispensers in public toilets are subject to vandalism. No action taken.
A.3	All public toilets — particularly new toilets	Water conservation Investigate effective methods of reducing water use at the toilets and where practicable, subject to available funds, implement water saving measures.	Completed	New toilets include water efficient fixtures and rainwater harvesting. Ultra low-flush pans (one litre per flush) trialled at Hawthorn Road.
A.4	All public toilets	Asset maintenance plan Prepare a public toilet asset maintenance plan with timelines and costing.	Completed	Plan to be periodically reviewed.
A.5	All new public toilets	Co-ordination Refer proposed new public toilets to all Glen Eira City Council departments that have an interest in the location, construction and maintenance of the facilities.	Completed	This is being implemented in all cases.
B. Capital				
B.6	All public toilets	Crime Prevention through Environmental Design Principles (CPTED) will be used for the evaluation of decisions to upgrade older toilets, place new toilets and design of new hybrid toilet.	Completed	This is being implemented in all cases.
B.7	Caulfield public toilet (340A Hawthorn Road)	Replacement Replace traditional toilet facility with a new hybrid design toilet facility.	Completed	New hybrid toilet installed in November 2011.

B.8	New Caulfield public toilet (340A Hawthorn Road)	Survey of hybrid toilet Undertake survey of users of new hybrid after construction to gauge community attitude. If design accepted, adopt hybrid model for other new or replacement toilets in high use areas.	Completed	Survey undertaken in 2012–13
B.9	Carnegie public toilet (11 Morton Ave)	Assess for decommissioning Assess demand and ease of access to alternative toilets in the area so as to determine whether this toilet should be decommissioned.	Deferred	Need initially assessed in 2013–14, however the toilet may now be affected by the Victorian Government's proposed Carnegie Railway Station works.
B.10	Murrumbeena Reserve public toilet (37 Kangaroo Road)	Assess for upgrade or replacement Assess and upgrade or replace with hybrid Model or fully automated toilet facility.	Completed	Upgrade of existing facility constructed in 2013–14.
B.11	Lord Reserve Pavilion	New Install new fully automated toilet into existing pavilion.	Completed	Completed. New fully automated toilet installed in January 2011.
B.12	Murrumbeena park public toilet (37 Kangaroo Road)	New Install new hybrid or fully automated toilet facility (subject to assessment).	Target was 2013. Rescheduled to 2015/16	Recommend that Council include in new Action Plan (refer to Appendix C comments).
B.13	Staniland Grove (2B Staniland Grove)	Refurbishment Refurbish and upgrade traditional toilet facility.	Completed	Major Capital refurbishment undertaken in 2013/14.
B.14	Hopetoun Gardens (516 Glen Huntly Road)	Assess for upgrade or replacement Assess for upgrade or replace with hybrid model toilet facility	Completed	Completed. New fully automated toilet installed in 2013.
B.15	Murrumbeena Junior Playground redevelopment	New Install new hybrid model or fully automated facility	Completed	Completed. New fully automated toilet installed in 2013
B.16	Hopetoun Gardens (516 Glen Huntly Road)	New Install new hybrid model or fully automated toilet facility (subject to assessment).	Completed	Completed. New fully automated toilet installed in 2013.

B.17	Glen Huntly public Toilets (1153 Glen Huntly Rd)	Assess for upgrade or replacement Assess for upgrade or replace with hybrid model toilet facility (subject to obtaining an extension to VicTrack lease).	Target 2014. Rescheduled to 2017.	Recommend that Council include in new Action Plan (refer to Appendix C comments).
B.18	Bentleigh Hodgson Reserve	New Install new fully automated toilet facility.	Target 2014	Recommend that Council include in new Action Plan for assessment.
B.19	Murrumbeena public toilet (Corner Neerim and Murrumbeena Roads)	Assess for upgrade or replacement Assess for upgrade or replace with hybrid model toilet facility (subject to obtaining an extension to VicTrack lease).	Target 2014	Recommend that Council include in new Action Plan (refer to Appendix C comments).
B.20	Glen Huntly public Toilets (1153 Glen Huntly Rd)	New Install new hybrid model or fully automated toilets facility (subject to assessment).	Target 2015. Rescheduled to 2018.	Recommend that Council include in new Action Plan (refer to Appendix C comments).
B.21	Murrumbeena public toilet (Corner Neerim and Murrumbeena Roads)	New Install new hybrid model or fully automated toilet facility.	Target 2015 Rescheduled to 2018.	Recommend that Council include in new Action Plan for assessment (refer to Appendix C comments).
B.22	Harleston Park Elsterwick	New Install new hybrid model or fully automated toilet facility.	Target 2015	Recommend that Council include in new Action Plan for assessment first.

Appendix B Draft Update — Guidelines for Public Toilet Needs Assessment Checklist

This *Guide* is to be used to assess the need to upgrade, replace, decommission and not replace, and additional public toilet facilities.

	Factor	Comment	Consideration
A	SITING		Yes/No
A1	Does another public toilet (PT) exist within 500 metres of the existing public toilet (not necessarily a Council facility)?	If YES and other toilets provide a comparable service meeting current CPTED and Disability Discrimination Act (DDA) requirements consider closing this toilet facility. OR If the other facility does not meet CPTED and DDA requirements it may be of advantage to choose to upgrade/replace either.	
B	USAGE		Yes/No
B1	High (regular or irregular)	If YES may consider upgrading or replacing PT.	
B2	Medium	If YES need to assess impact if decommissioned.	
B3	Low	YES may decommission if another within 500 metres.	
C	LOCALITY		Yes/No
C1	Does PT service a particular use eg. playground or is it included in the <i>Parks Master Plan</i> ?	If YES then may consider upgrading or replacing and overrides outcomes of YES to A1 and B3.	
D	SECURITY – CPTED principles		Yes/No
D1	Is PT located in trafficked area?	If NO then may consider upgrade or new facility.	
D2	Are access ways to PT facing trafficked areas?	If NO then may consider upgrade or new facility.	
D3	Is internal and external lighting adequate?	If NO then may consider upgrade or new facility.	

	Factor	Comment	Consideration
D4	Is graffiti an issue?	If YES then may consider upgrade or new facility.	
D5	Is vandalism an issue (e.g. regular damage to fittings and structure)?	If YES then may consider upgrade or new facility.	
D6	Is there known antisocial behaviour?	If YES then may consider upgrade or new facility.	
D7	Is PT DDA access Compliant?	If NO then may consider upgrade or new facility.	
D8	Does PT provide separate cubicle for disabled?	If NO then may consider upgrade or new facility.	
D9	Do users feel safe?	If NO then may consider upgrade or new facility.	
E	STRUCTURE		Yes/No
E1	Does current PT require structural maintenance?	If YES then may consider upgrade or new facility.	
E2	Does current PT require cosmetic maintenance?	If YES then may consider upgrade.	
E3	Does current PT require high maintenance?	If YES then may consider upgrade or new facility.	
F	HISTORIC SIGNIFICANCE		Yes/No
F1	Does the existing PT have any historical or architectural significance?	If YES then may consider upgrade within limits of significance or decommission and build new facility at new location.	
G	PUBLIC TOILET DESIGN		
G1	If replacement or additional toilet is appropriate, what type and number of cubicles should be constructed?	<p>Choices are: Fully automated, hybrid and pavilion</p> <p>Traditional toilet types should generally not be used due to problems with anti-social behaviour, lower community acceptance and higher maintenance costs.</p> <p>Hybrid should be considered when multiple cubicles are proposed to reduce capital costs allow flexibility in layout</p>	What type?

	Factor	Comment	Consideration
G2	What number and configuration of cubicles?	Number should have regard to likely level of use. Where hybrid is proposed, consider mix of cubicle types (eg. inclusion of urinals, mix of disabled and non-disabled access).	Number? Configuration?
G3	Is it appropriate to incorporate additional water conservation measures?	Possible options include: A. Rainwater tanks or other rainwater reuse to reuse and/or reduce rainwater runoff. B. Ultra Low Flush Pans	Yes/No
H	CO-ORDINATION		
H1	Has the proposal for replacement or additional public toilet been referred to relevant Council departments for comment about location and type?		Yes/No
H2	Have comments been considered and addressed as appropriate?		Yes/No

Appendix C Proposed Five Year action plan 2014–15 to 2018–19

This *Action Plan* contains all ongoing, in progress and uncompleted actions from 2009–10. Capital items (Section B) are subject to funding in the appropriate financial year.

(NB: Reference to Upgrade means renewal of existing facility; alternatively Replacement refers to replacement with new automated facility).

Item	Public Toilet	Action	Year
Operational			
O1		Continue to monitor and evaluate potential sites for new public toilet facilities as the need arises.	1,2,3,4,5
O2	All	Review funding levels of Council's public toilet renewal program to ensure Council continues to provide high quality public toilets.	1,2,3,4,5
O3	New - Centre Road (670-672 Centre Road, Bentleigh East)	Additional Facility Manage new automated toilet in proposed private development. Funded by developer and managed by Council via 173 Agreement.	2
O4	All	Continue to annually review frequency and timing or routine toilet cleaning and adjust as necessary.	Annually
O5	All	Adopt amended Guidelines for Public Toilet Needs Assessment Checklist.	1
O6		Monitor the use of <i>Community Use Toilet Schemes</i> to assess potential use in a suitable location in Glen Eira.	Annually
Capital			
C1	New - Murrumbeena Reserve (37 Kangaroo Road)	Install additional automated public toilet in the playground	2
C2	New - Duncan Mackinnon Reserve (Corner North and Murrumbeena Roads)	Install automated public toilets in new Pavilion	2
C3	PT 23 - Glen Huntly (1153 Glen Huntly)	C3.1 Assess whether to replace with hybrid or automated public toilet.	3

	Road)	C3.2 Replace existing toilet Project subject to new VicTrack lease. It will need to occur after finalisation of the design for the VicRoads' North Road Grade Separation Project (due in 2017).	4
C4	New - Bentleigh Hodgson Reserve Bentleigh	C4.1 Assess whether additional new toilet is a hybrid or automated public toilet is required. C4.2 Install additional public toilet as appropriate.	3 4
C5	PT36 - Murrumbeena (Corner Neerim and Murrumbeena Roads)	C5.1 Assess whether to replacement with hybrid or fully automated toilet. C5.2 Replace existing toilet Project subject to obtaining a new VicTrack lease. It will need to occur after the Victorian Government's Cranbourne-Pakenham Rail Corridor Project is complete (due in 2017).	4 5
C6	New - Harleston Park Elsternwick	C6.1 Assess whether new toilet is a hybrid or fully automated C6.1 Replace existing toilet or Upgrade as appropriate	3 4
C7	PT7 - Carnegie (11 Morton Avenue, Carnegie)	C7.1 When scope of Carnegie Railway Station works are known, assess need for separate public toilet at this site. C7.2 If appropriate and subject to timing and scope of Carnegie Railway Station work, renew or replace with hybrid public toilet.	2 3
C8	PT6 - Carnegie (1 Kokaribb Road, Carnegie)	C8.1 Assess whether to replace with hybrid or fully automated toilet. C8.2 Replace existing toilet or Upgrade as appropriate	3 4
C9	PT 39 - Katandra Road Car park, Ormond	C9.1 Assess for renewal or replacement with hybrid toilet. C9.2 Replace existing toilet or Upgrade as appropriate To occur after the VicRoads' North Road Grade Separation Project is complete (due in 2017)	4 5
C10	New - Former Glen Huntly Reservoir, Booran Road, Glen Huntly	Install new automated Public Toilets	2 to 3
C11	All	Implement findings of Item O2.	2 to 5

Appendix D Master Toilet List (types and location)

Note: Individual toilet units are listed in alphabetical order. The numbering reflects there are sometimes multiple units at the same site (eg. PT1 and PT01 are two units adjacent).

Toilet Name	Toilet number	Location	Melway
Fully Automated Toilets			
Allnutt Park	PT1	Eastern end, near playground path at 41–59 Wheatley Road, McKinnon	68 C11
Allnutt Park	PT01	Eastern end, near playground path at 41–59 Wheatley Road, McKinnon	68 C11
Bent Street West Carpark	PT3	1–3 Bent Street, Bentleigh	68 E12
Bent Street West Carpark	PT03	1–3 Bent Street, Bentleigh	68 E12
Bentleigh Hodgson Reserve	PT27	Southern end, first entrance after playground on Higgins Road at 1–3 Higgins Rd, Bentleigh	77 F1
Bentleigh Library	PT4	North East corner on Jasper Road at 161 Jasper Road, Bentleigh (by Library)	77 E13
Bentleigh Library	PT502	North East corner on Jasper Road at 161 Jasper Road, Bentleigh (by Library)	77 E13
Caulfield Park	PT8	South West corner, near corner of Balaclava Road and Hawthorn Road at Caulfield Park, 280 Balaclava Road, Caulfield North	59 B12
Caulfield Park	PT503	Northern end, near Aviary Gardens on Inkerman Road at Caulfield Park, 280 Balaclava Road, Caulfield North	59 C11
Caulfield Park	PT504	Incorporated into Caulfield Park Pavilion and Community Room at Caulfield Park, 280 Balaclava Road, Caulfield North	59 C12
Centenary Park	PT12	Western end, Brady Road car park entrance near the playground at 179–185 Bignell Road, Bentleigh East	78 A3
Centenary Park	PT120	Eastern end, near the Bignell Road car park at 179–185 Bignell Road, Bentleigh East	78 B3

Centenary Park	PT121	Western end, Brady Road car park entrance near the playground at 179–185 Bignell Road, Bentleigh East	78 A3
Duncan Mackinnon Reserve	PT16	Western end, facing Murrumbeena Road at 819–821 North Road, Murrumbeena	68 K9
Duncan Mackinnon Reserve	PT160	Western end, facing Murrumbeena Road at 819–821 North Road, Murrumbeena	68 K9
East Caulfield Reserve	PT19	Southern end of Dudley Street, near main pavilion at 15A Dudley Street, Caulfield East	68 F2
EE Gunn Reserve	PT17	Northern end, at the end of the Beatty Crescent carpark at Beatty Crescent, Ormond	68 D7
EE Gunn Reserve	PT505	Northern end, at the end of the Beatty Crescent carpark at Beatty Crescent, Ormond	68 D7
Glen Huntly Park	PT23	Neerim Road entrance, near playground at 60 Neerim Road, Glenhuntly	68 E4
Greenmeadows Gardens	PT24	South West corner, near the playground at 1 Green Street, St Kilda East	58 G12
Halley Park	PT25	Southern end near the playground at 73-95 Jasper Road, Bentleigh	77 E3
Halley Park	PT250	Southern end, near the playground at 73-95 Jasper Road, Bentleigh	77 E3
Hopetoun Gardens	PT28	Opposite the Flower Bed Memorial on Parkside Street at 516 Glen Huntly Road, Elsternwick	67 H4
Joyce Park	PT29	Northern end from Tyrone Street entrance, near playground at 310-318 Jasper Road, Ormond	68 G10
King George VI Memorial Reserve	PT506	Northern end, near the playground at 70 East Boundary Road, Bentleigh East	77 J3
Koornang Park	PT31	Near the playground, corner Lyons Street and Koornang Road entrance at 251A Koornang Road, Carnegie	68 H6
Lord Reserve	PT32	Northern end, built into cream brick	68 G6

		pavilion at 15–49 Lyons Street, Carnegie	
Marlborough Street Reserve	PT34	Eastern end, near playground at 77A Marlborough Street, Bentleigh East	69 A10
Murrumbeena Reserve Junior Playground	PT507	Kangaroo Road, Murrumbeena	69 B7
Packer Park	PT41	South East end, in between shade structure and playground at 120 Leila Road, Carnegie	68 J8
Packer Park	PT410	South East end, in between shade structure and playground. 120 Leila Road, Carnegie	68 J8
Packer Park	PT041	South East end, in between shade structure and playground at 120 Leila Road, Carnegie,	68 J8
Princes Park	PT11	Entrance via playground in Maple St, Opposite Bowls Club at 277 Bambra Road, Caulfield South	59 B12
Victory Park	PT44	Patterson Road, Bentleigh	77 C2
Wattle Grove Reserve	PT15	Northern end, near playground at 15B Wattle Grove, McKinnon	68 D10
Traditional Blocks			
Caulfield Park	PT9	Edge of the carpark at Park Crescent (near playground) at 280 Balaclava Road, Caulfield North	59 B11
Glen Huntly	PT21	Edge of carpark at Glen Huntly Station at 1153 Glen Huntly Road, Glen Huntly	68 F5
Harleston Park	PT26	Pathway on Allison Road at 49 Allison Road, (Seymour Road) Elsternwick	67 H2
Katandra Road Carpark	PT39	Katandra Road Carpark, 12-14 Katandra Road, Ormond	68 E9
Kokaribb Road	PT6	Supermarket carpark at 15 Kokaribb Road, Carnegie	68 J4
Morton Avenue	PT7	In front of Carnegie Train Station at 11 Morton Avenue, Carnegie	68 J4

Murrumbeena	PT37	Railway Parade side on the corner of Neerim & Murrumbeena Roads, Murrumbeena	69 A6
Nicholson Street	PT38	Corner of McKinnon Road & Nicholson Street at 156A McKinnon Road, McKinnon	68 D11
Staniland Grove	PT20	Corner of Staniland Grove and Glen Huntly Road at 2B Staniland Grove, Elsternwick	67 G3
Pavilion Toilets			
Bailey Reserve	PT2	Eastern end of pavilion, on Glen Eira Sports & Aquatic Centre carpark at 202 East Boundary Road, Bentleigh East	68 K12
Bentleigh Hodgson Reserve	PT5	Opened upon request for functions at 6 Arthur Street, Bentleigh	77 F1
EE Gunn Baseball Pavilion	PT18	Opened upon request for functions at Beatty Crescent, (corner Foch Street), Ormond	68 D7
Glen Huntly Reserve	PT22	Opened upon request for functions at 60 Neerim Road, Glen Huntly	68 E4
King George VI Memorial Reserve	PT30	Open on Sunday only. Northern end, facing last carpark, in between the two ovals at 70 East Boundary Road, Bentleigh East	77 K3
Koornang Park	PT310	Opened upon request for functions at 251A Koornang Road, Carnegie	68 H6
Mackie Road Reserve	PT33	Central, in the middle of the carpark at 58-60 Mackie Rd, Bentleigh East	69 C12
McKinnon Reserve	PT35	Central West, at the rear of the pavilion facing the carpark at 201-209 Tucker Road, McKinnon	68 G11
Murrumbeena Reserve	PT36	Kangaroo Road entrance, side of pavilion at 37 Kangaroo Road, Murrumbeena.	69 C7
Packer Park	PT40	Playground on eastern side of the pavilion at 120 Leila Road, Carnegie	68 J8
Princes Park	PT42	North carpark side of the pavilion at D.C. Bricker Pavilion at 277 Bamba Road, Caulfield South	68 B6
Princes Park	PT420	East of Multipurpose pavilion at 277 Bamba Road, Caulfield South	68 B6

Hybrid Toilet

Hawthorn Road	Hybrid Toilets (PT10)	Corner of Glen Huntly Road and Hawthorn Road at 340A Hawthorn Road, Caulfield	68 A4
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