



CASE STUDY

Exeloo Platinum Self Cleaning Public Toilet Units Provide Considerable Cost Savings

“Are the automated wash down, lock up and unlock features provided in the Exeloo Platinum level toilet units worth the extra capital costs for the purchase of these units?” This question is asked by many consultants and potential customers.

Two independent detailed studies have recently been carried out by Glen Eira City Council in Melbourne and Port Adelaide Council in Adelaide. Both of these councils have a portfolio of public toilet facilities that include a good mix of traditional styled toilet facilities and Exeloo Platinum series facilities.

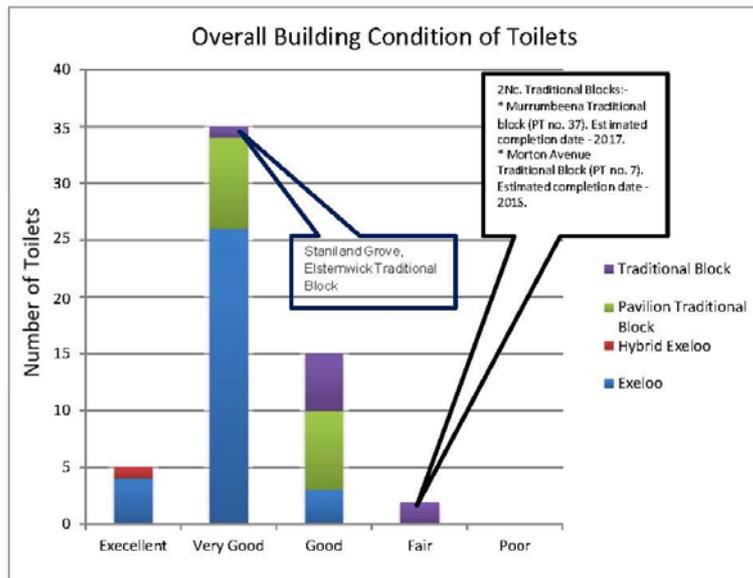
Operating Expense Savings – City of Glen Eira

The Glen Eira report details the annual running expenses of their Exeloo public toilets and compares these against their traditional toilet facilities. This comparison shows that the average cost per toilet for a traditional toilet block is \$16,827 per annum compared with the Exeloo Platinum toilet unit at \$8,987 per annum. This clearly demonstrates that the annual running cost of an Exeloo Platinum toilet facility is half the cost of maintaining traditional facilities. A copy of the results is set out below.

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

The Glen Eira report also identified that the public perception was that the Exeloo facilities had an overall building condition of either Excellent or Very Good compared to the traditional toilet blocks which were shown as Good or Fair.



Life Cycle Cost Comparison – Ports of Adelaide

The study carried out by Port Adelaide also compared Exeloo Platinum facility with traditional toilet blocks. This report looked at the life cycle cost of both buildings by incorporating in their assessment the capital cost of the supply and installation of the facility which was depreciated. In this case, the cost of cleaning and maintaining the Exeloo Platinum unit was 70% of the cost of maintaining the traditional toilet block and when the depreciation for the higher capital cost was taken into account, the life cycle cost of the Exeloo facility was 80% of the cost of the traditional toilet block.

Both of these independent reports clearly demonstrate the savings that are achieved by utilising the Exeloo Platinum auto wash facilities

Operational and Maintenance Cost Comparison over 6 Year Period Between Exeloo and Conventional Toilet Facility

Example A: Conventional Toilet Block

Semaphore South Foreshore Toilets (Opposite Paxton Street) BL0265 & C466									
Activity		2014-2015	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010	6YR Total	6 YR Avg
Asset Cost	\$	139,339.00							
Depreciation	\$	49,549.00							
Written Down Value at 1/9/2015	\$	89,790.00							
Electricity	\$	468.66	\$ 654.90	\$ 269.04	\$ 658.76	\$ 362.82	\$ 654.90	\$ 3,069.08	\$ 511.51
Insurance	\$	111.88	\$ 110.50	\$ 107.74	\$ 107.74	\$ 105.63	\$ 213.95	\$ 757.44	\$ 126.24
Cleaning & Maintenance	\$	15,388.23	\$ 13,182.35	\$ 5,302.00	\$ 14,075.60	\$ 11,378.20	\$ 9,930.40	\$ 69,256.78	\$ 11,542.80
Depreciation	\$	2,368.06	\$ 2,152.55	\$ 1,695.29	\$ 1,648.80	\$ 1,616.44	\$ 1,240.03	\$ 10,721.17	\$ 1,786.86
	\$	18,336.83	\$ 16,100.30	\$ 7,374.07	\$ 16,490.90	\$ 13,463.09	\$ 12,039.28	\$ 83,804.47	\$ 13,967.41

Example B: Exeloo Fully Automated Toilet

Semaphore South Exeloo (Opposite Arthur Street next to Kiosk 1) BL0338 & C892									
Activity		2014-2015	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010	6YR Total	6 YR Avg
Asset Cost	\$	170,690.00							
Depreciation	\$	11,368.00							
Written Down Value at 1/9/2015	\$	159,321.00							
Electricity	\$	368.27	\$ 829.58	\$ 360.39	\$ 743.89	\$ 680.46	\$ 829.58	\$ 3,812.17	\$ 635.36
Insurance	\$	169.89	\$ 168.51	\$ 165.75	\$ 165.75	\$ -	\$ 168.51	\$ 838.41	\$ 139.74
Cleaning & Maintenance	\$	7,411.35	\$ 12,895.95	\$ 7,622.41	\$ 3,007.38	\$ 4,774.00	\$ 12,895.95	\$ 48,607.04	\$ 8,101.17
Depreciation	\$	2,901.23	\$ 2,636.88	\$ 2,606.49	\$ 2,537.07	\$ 2,487.22	\$ 2,252.45	\$ 15,421.34	\$ 2,570.22
	\$	10,850.74	\$ 16,530.92	\$ 10,755.04	\$ 6,454.09	\$ 7,941.68	\$ 16,146.49	\$ 68,678.96	\$ 11,446.49

These two studies clearly show that an investment in Exeloo Platinum public toilet facilities will provide significant savings and offer users a superior experience.