

OPER 02

Repairs to Macquarie Mall Water Feature

Strategic Objective	Healthy, Inclusive, Engaging Improve liveability and quality of life for the community by delivering vibrant parks, places and facilities
File Ref	123275.2025
Report By	Darren McLeod - Manager Facilities
Approved By	Peter Scicluna - Acting Director Operations

EXECUTIVE SUMMARY

The Macquarie Mall Water Feature sustained significant water damage caused by a power failure during a storm. Council lodged an insurance claim and obtained quotes for the cost of the works.

RECOMMENDATION

That Council approve funding for an amount of money between \$61,541.41 and \$69,541.41 for the repairs to Macquarie Street Mall Water Feature.

REPORT

BACKGROUND

Macquarie Mall Water Feature sustained significant water damage caused by a power failure during a storm.

The storm caused a localised power failure, which in turn left the drainage pumps inoperable. Consequently, the pit was flooded (see attached for images) and damaged crucial electronic and electrical equipment controlling the feature.

SCOPE OF WORKS

The pit was pumped, and a detailed inspection of the damage has been assessed as follows:

- The main control panel and the control panels that operate the submersible pumps within the plant room and the submersible pumps in the stormwater pit above and outside the plant room are recommended for total upgrade due to irretrievable components and uneconomical repair to damage and age.

- The 2 main filtration pumps need replacement, and the main feature pump is to be removed and stripped for repair.
- The solenoid control valve that allows bromine to be dosed into the circulation system to disinfect the water needs to be replaced.
- The ventilation fan in the plant room to be replaced.
- The perimeter area around the water feature needs to be recalked to prevent injury to users and passers-by.
- The stainless-steel feature drain trough needs to be dismantled and cleaned.
- The balance tank needs to be drained and cleaned
- The main media filter needs to be stripped, drained and the media replaced.

CRITICAL ISSUES

Under the Public Health Act 2010 & Public Health Reg 2022 the water features are considered a public swimming pool/ spa pool. For that reason, there are statutory maintenance requirements inclusive of water chemistry dosing, testing, logging and cleaning.

It is imperative this equipment be installed and operated in accordance with the NSW Swimming Pools Act 1992.

REPAIR COSTING

Facilities Management via our Insurance Team lodged a property damage claim with insurance and the assessor has accepted flood damage repairs for a portion of the works outlined below.

Detailed scoping and line-item costings can be found in the body of the two attached quotations:

1. Neverstop Water Pty Ltd @ \$293,065.01 incl. GST.

This amount consists of two parts.

Quotation 47182: System Repairs rev.4: This quotation is the 4th revision = \$251,698.41

Quotation 47183: System Repairs rev 3 non-flood related repairs: This quotation is for maintenance / repairs to return the feature to a safe operational state for public use = \$41,366.60

Sub Total = \$293,065.01.

Note: an amount of \$8,000.00 is to be added to the above as contingency.

Total = \$301,065.01.

Insurance will reimburse Council = \$231,523.60

Difference between Insurance Reimbursement and Repairs = \$61,541.41

Contingency = \$8,000.00

Total cost to Council is between = \$61,541.41 and \$69,541.41 (includes contingency).

If approved the final amount up to this value will occur via Council's quarterly adjustment review process. The timeline for completion of the work would be between 6-8 weeks once the contractor is advised.

- 2. Trade Wise Group Pty Ltd @\$329,330.71 incl. GST.** Providing for comparative purposes only to meet Council's Procurement Standard.

FINANCIAL IMPLICATIONS

There are no financial implications relating to this recommendation.

CONSIDERATIONS

Economic	Facilitate the development of new tourism based on local attractions, culture and creative industries.
Environment	There are no environmental and sustainability considerations.
Social	Raise awareness in the community about the available services and facilities. Deliver high quality services for children and their families.
Civic Leadership	There are no civic leadership and governance considerations.
Legislative	There are no legislative considerations relating to this report.
Risk	There is no risk associated with this report.

ATTACHMENTS

1. Neverstop Water Quote 47182
2. Neverstop Water Quote 47183
3. Tradewise Group Quote



Neverstop Water Pty Ltd
ABN 63 150 185 372
www.nswater.com.au
service@nswater.com.au

U3, 12 Rowood Rd
Prospect, NSW 2148
Tel. 1300 NSWATER
(1300 679 283)

CUSTOMER QUOTATION NO. 47182

Liverpool City Council
Locked Bag 7064
Liverpool BC NSW 1871

Date: 01/04/2025
Valid For: 30 days
Site: Macquarie Mall Waterplay,
Macquarie St, Liverpool NSW
2170
Site Address: Macquarie St, Liverpool NSW
2170
Site Contact:

**Re: System Repairs - REV.04 - Flood Issues Only for Macquarie Mall Waterplay, Macquarie St,
Liverpool NSW 2170**

COVER LETTER

Thank you for giving Neverstop the opportunity to provide a quotation on the above project. We have summarised our quotation below and in the following pages we have attached a detailed cost breakdown and scope.

Please contact the undersigned if you have any queries regarding cost or scope details.

Issue - System Repairs

Location - Macquarie Mall Waterplay, Macquarie St, Liverpool NSW 2170

Contact - Ray McMaster

Subject: Quotation Proposal for the Restoration of Interactive Water Feature at Macquarie Mall

We appreciate the opportunity to submit our proposal for the restoration of the interactive water feature at Macquarie Mall, Liverpool. Our team has reviewed the existing issues, including major plant room flooding and the failure of all pumps, electrical equipment, cabling, and control systems due to water submersion. We propose the following scope of works to restore the water feature to full operational status.

Scope of Works

1. **Site Inspection and Assessment:**
 - Conduct a secondary site visit to plan an effective program to repair the damage.
- **Drainage and Cleaning:**
 - Pump out any remaining water from the plant room.
 - Remove debris and clean the plant room thoroughly to prepare for new installations.
- **Replacement of Equipment:**
 - Supply and install new pumps suited to the system's requirements.
 - Replace all failed electrical equipment, including motors, pumps, control panels and associated wiring.
 - Install new cabling and ensure compliance with relevant Australian standards.
 - Replace the control systems, including software and programming for optimal performance for pumps, dosing and lighting.
 - The ventilation fan in the plant room also needs to be replaced.
- **Testing and Commissioning:**



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- Conduct rigorous testing of all installed equipment.
- Ensure the interactive water feature functions as intended.
- Address any necessary calibrations and adjustments.
- **Preventative Maintenance Plan (Optional):**
- Provide a tailored maintenance program to prevent future failures.
- Schedule periodic technical inspections and servicing.

Timeline

The project is estimated to be completed within **3 weeks** from the commencement date, subject to weather conditions and procurement lead times.

Terms & Conditions

- The balance is payable upon project completion.
- Work will be carried out in accordance with Australian safety and construction standards.
- Warranty period of **24 months on pumps and 12 months** on workmanship.

Conclusion

We are committed to restoring the Macquarie Mall interactive water feature efficiently and reliably. Should you have any queries or require further clarifications, please do not hesitate to contact us.

We look forward to your approval to proceed with the works.

Please note: A reduction has been made to accommodate the labour tasks associated with Pump installation and other electrical tasks.

Luke Smith
Director
Neverstop Water Pty Ltd
0448 041 009
1300 NSWATER (1300 679 283)
luke@nswater.com.au

Item	Quantity	Unit Price	Total
Service Call Fee (One off Mobilisation Costs)	1.00	\$100.00	\$100.00
Pumps	1.00	\$15296.40	\$15296.40
Burkert	1.00	\$7944.88	\$7944.88
Prominent	1.00	\$16326.46	\$16326.46
Electrical	1.00	\$45689.00	\$45689.00
Control Panel	1.00	\$97500.00	\$97500.00
Mechanical	1.00	\$2640.00	\$2640.00
PUMP TECHNICIAN 1	100.00 hrs	\$120.00	\$12000.00
PUMP TECHNICIAN 2	100.00 hrs	\$120.00	\$12000.00
PUMP TECHNICIAN 2	116.00 hrs	\$120.00	\$13920.00
DIRECTOR/SERVICE TECHNICIAN	30.00 hrs	\$180.00	\$5400.00



NEVERSTOP WATER PTY LTD
We Make Water Work

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Sub Total ex GST	\$228816.74
GST	\$22881.67
Total inc GST	\$251698.41



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TERMS AND CONDITIONS

NEVER STOP WATER PTY LTD

ABN: 63 150 185 372

Remittance advice sent to: nswateraccounts@dext.cc

Accounts correspondence sent to: nswateraccounts@nswater.com.au

1. All work will be carried out during normal working hours; i.e., between 0700 and 1600 hours unless specified otherwise.
2. Any customer equipment held at Neverstop Water Pty. Ltd. post a workshop assessment or on completion of assembly and not able to be delivered due to site constraints or proposed prepare work delays, will be charged accordingly for storage or an alternate delivery site will be required.
3. A site risk assessment will be carried out prior to work commencing. Any hazards identified that are unable to be adequately controlled by our service technician will be reported immediately so that the appropriate action can be taken to allow work to proceed.
4. Any cost incurred for parking, will be charged accordingly.
5. Consumables will be charged accordingly.
6. During any load/flow testing of pumps we accept no responsibility for the efficiency of any on-site drainage pipework.
7. Prices are based on all work being carried out simultaneously. If work is required to be undertaken in stages, then please contact our office for a revised quotation.
8. Neverstop Water Pty. Ltd. has public liability insurance to the value of \$20,000,000.00.
9. Neverstop Water Pty. Ltd. is a licensed plumbing contractor 329636C.
10. Terms of payment are COD unless an approved account has been established and then terms are as per the account approval.
11. The above price is based on the water supply to the system being able to be shut off effectively.
12. The above price will be fixed for one (1) month from the date of acceptance, provided it is accepted within thirty (30) days of the quotation date.
13. This quotation specifically excludes any changes to incoming power supplies and relies on the use of the existing incoming supply.
14. Twelve (12 months) warranty is provided on all new pump/plumbing installations from the date of commissioning (subject to standard warranty conditions). Unless otherwise specified.
15. Please note that when disposing of liquid & solid waste removed from pits & tanks, our waste management facilities may test the waste and confirm the classification accordingly. Should this be different to the waste noted in the quotation, the client contact will be notified and the cost will be amended to reflect the actual services provided.
16. Unless stated otherwise, all prices exclude GST.

Thank you for the opportunity to be of service.



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CUSTOMER QUOTATION NO. 47183

Liverpool City Council
Locked Bag 7064
Liverpool BC NSW 1871

Date: 01/04/2025
Valid For: 30 days
Site: Macquarie Mall Waterplay,
Macquarie St, Liverpool NSW
2170
Site Address: Macquarie St, Liverpool NSW
2170
Site Contact:

Re: System Repairs - REV.03.B Non Flood Issues for Macquarie Mall Waterplay, Macquarie St, Liverpool NSW 2170

COVER LETTER

Thank you for giving Neverstop the opportunity to provide a quotation on the above project. We have summarised our quotation below and in the following pages we have attached a detailed cost breakdown and scope.

Please contact the undersigned if you have any queries regarding cost or scope details.

Issue - System Repairs

Location - Macquarie Mall Waterplay, Macquarie St, Liverpool NSW 2170

Contact - Ray McMaster

Subject: Quotation Proposal for the Restoration of Interactive Water Feature at Macquarie Mall

We appreciate the opportunity to submit our proposal for the restoration of the interactive water feature at Macquarie Mall, Liverpool. Our team has reviewed the existing issues, including major plant room flooding and the failure of all pumps, electrical equipment, cabling, and control systems due to water submersion. We propose the following scope of works to restore the water feature to full operational status.

Scope of Works

1. **Site Inspection and Assessment:**
 - Conduct a secondary site visit to plan an effective program to repair the damage.
- **Drainage and Cleaning:**
 - Pump out any remaining water from the plant room.
- **Replacement of Equipment:**
 - Install required new cabling and ensure compliance with relevant Australian standards.
 - Install a new dewatering systems with the main control panel mounted external to the plant room in the bench seat storage area above.
 - Supply and install a new electrical mains supply to the dewatering system with automatic transition switch incase of a power outage.
 - Reseal the areas around the existing water feature structure
 - The perimeter area around the water feature needs to be re-calked to prevent injury to users and passers-by.
 - The stainless-steel feature drain trough needs to be dismantled and cleaned.



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- The balance tank also needs to be drained and cleaned
- The main media filter needs to be stripped, drained and the media replaced.
- **Testing and Commissioning:**
- Conduct rigorous testing of all installed equipment.
- Ensure the interactive water feature functions as intended.
- Address any necessary calibrations and adjustments.
- **Preventative Maintenance Plan (Optional):**
- Provide a tailored maintenance program to prevent future failures.
- Schedule periodic technical inspections and servicing.

Timeline

The project is estimated to be completed within **3 weeks** from the commencement date, subject to weather conditions and procurement lead times.

Terms & Conditions

- The balance is payable upon project completion.
- Work will be carried out in accordance with Australian safety and construction standards.
- Warranty period of **24 months on pumps and 12 months** on workmanship.

Conclusion

We are committed to restoring the Macquarie Mall interactive water feature efficiently and reliably. Should you have any queries or require further clarifications, please do not hesitate to contact us.

We look forward to your approval to proceed with the works.

Luke Smith
 Director
 Neverstop Water Pty Ltd
 0448 041 009
 1300 NSWATER (1300 679 283)
 luke@nswater.com.au

As requested from the assessor, the associated costs have been apportioned to match the claimable and no-claimable portions of the proposal.

- The replacement of the sump pumps is not covered on the basis that these are submersible pumps which should have been able to handle being submerged, and only became damaged as a result of being left submerged for an extended period due to water ingress from the control panel via the wiring.
- The cleaning of the transfer sump, cleaning of the filters and replacement of the filter media is not covered as this is due to the system being shutdown for an extended period rather than being damaged by the pit flooding.



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- The installation of the new backup power system is not covered as it this is "betterment" (i.e. the damaged system did not have this).
- The cleaning and resealing of the stainless steel sump and grates is not covered it because this is repair of wear and tear unrelated to the pit flooding.

Item	Quantity	Unit Price	Total
Materials	1.00	\$17000.00	\$17000.00
Electrical	1.00	\$4711.00	\$4711.00
Pumps	1.00	\$2455.00	\$2455.00
PUMP TECHNICIAN 1	56.00 hrs	\$120.00	\$6720.00
PUMP TECHNICIAN 2	56.00 hrs	\$120.00	\$6720.00

Sub Total ex GST	\$37606.00
GST	\$3760.60
Total inc GST	\$41366.60



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16. Unless stated otherwise, all prices exclude GST.

Thank you for the opportunity to be of service.



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W: tradewisegroup.com.au

License no. 302212C

February 12, 2025

Proposal for the Restoration of the Interactive Water Feature at Macquarie Mall

Project Location:

Macquarie Mall Waterplay,
Macquarie St, Liverpool NSW 2170

Contact Person:

Ray McMaster

Subject: Quotation for Restoration Works on Interactive Water Feature

Dear Ray,

Thank you for considering us for the restoration of the interactive water feature at Macquarie Mall, Liverpool. After reviewing the current issues, including flooding in the plant room and the failure of all associated pumps, electrical equipment, cabling, and control systems, we have compiled the following proposal to restore the system to full functionality.

Scope of Work

1. Initial Site Assessment:

- Conduct a secondary site visit to develop an effective repair strategy.

2. Drainage & Cleaning:

- Drain any remaining water from the plant room.
- Remove debris and clean the space thoroughly to prepare for new installations.

3. Equipment Replacement:

- Supply and install new pumps tailored to system requirements.
- Replace all failed electrical equipment (motors, pumps, control panels, and wiring).
- Install new cabling to meet Australian standards.
- Upgrade the control system, including software and programming to optimize pump, dosing, and lighting functions.
- Install a new dewatering system with a main control panel mounted externally in the bench seat storage area.
- Provide and install a new electrical supply to the dewatering system, featuring an automatic transition switch for power outage recovery.

4. Structural Repairs & Maintenance:

- Reseal the areas around the existing water feature structure.
- Replace the ventilation fan in the plant room.
- Re-caulk the perimeter of the water feature to prevent injury to users and pedestrians.
- Dismantle and clean the stainless-steel feature drain trough.
- Drain and clean the balance tank.
- Disassemble the main media filter, drain it, and replace the media.

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W: tradewisegroup.com.au

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5. Testing & Commissioning:

- Conduct comprehensive testing of all installed components.
- Ensure the water feature operates as intended.
- Make necessary calibrations and adjustments.

6. Preventative Maintenance (Optional):

- Provide an optional maintenance program to prevent future system failures.
 - Schedule regular technical inspections and servicing.
-

Breakdown:

Mechanical - \$50,229.41 + GST

Control - \$130,834.50 + GST

Electrical - \$53,052.65 + GST

Labour - \$65,275.00 + GST

TOTAL - \$299,391.56 + GST

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