

Appendix E: Watercare letter on wastewater overflows



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11 March 2009

Richard Osborne
Principal
URS New Zealand Limited
URS Centre, 13-15 College Hill,
P.O. Box 821, Auckland, New Zealand

Attention: Richard Osborne

Dear Richard

Westfield - St Lukes Expansion

As requested I can confirm that the proposed additional wastewater flow (7L/s) from the expansion of St Lukes can be accommodated in the Watercare trunk network and would not exacerbate sewer overflows to Meola Creek.

The occurrence of sewer overflows in the Meola catchment is a well known phenomenon and is a product of both wastewater and stormwater discharges to the creek. The frequency and magnitude of wastewater overflows is the result of urban intensification, in the absence of stormwater rectification works which under the local government act is the responsibility of Auckland City.


Watercare is continually working towards mitigating the effects of wastewater overflows to Meola Creek and have implemented the following local solutions:

1. Raising of Overflow weirs
2. Coarse screening
3. Cleaning and wash down after overflow events
4. Odour curtains
5. Regular Maintenance Watercare is continually working towards mitigating the effects of the Lyon Ave overflow as
6. Construction of a raised boardwalk along the Roy Clements Treeway reserve. The walkway is a short term solution to mitigate the immediate public health and amenity issues from overflows at Lyon Ave.
7. Work is progressing with the developer of St Lukes Garden Apartments to mitigate the effects of the Lyon Ave overflow structure through the construction of a parking deck over the Lyon Ave spillway. The proposed structure would help to mitigate the visual effects of the current overflow structure and the sides of the parking deck would be entirely closed to encapsulate odours.

In addition, last year the Board of Watercare Services Limited approved funds to undertake the preliminary design of the Central Interceptor that will reduce wastewater overflows to Meola Creek.

If you have any further questions, please don't hesitate to contact me.

Yours sincerely

A handwritten signature in black ink, appearing to read 'CM', with a long, wavy horizontal line extending to the right.

Craig McIlroy
General Manager
Asset Management