

# SEWAGE TREATMENT & DISPOSAL COURSE

Online Training using Microsoft Teams

3-5 March 2021

This is a three day online training course tailored to meet the needs of Public Health professionals responsible for assessing the Public Health and Environmental Health issues associated with sewage treatment and disposal, including sewered and unsewered communities.

**Attendees may be expected to complete assessments outside of online course hours and managers should take this into account when nominating staff.**

**AT THE CONCLUSION OF THE COURSE GRADUATES WILL HAVE AN APPRECIATION AND UNDERSTANDING OF:**

- An overview of sewage treatment methodologies, with specific emphasis on innovative and successful methods, e.g. aerated secondary package plant systems, effluent to land.
- Treatment systems case studies achieving bottom line PH requirements through effective use of RMA processes.
- Alternative reticulation systems for conveying sewage.
- Smaller and alternative systems of sewage treatment and disposal and examples of their application.
- Issues around Effluent Standards and receiving water quality.
- AS/NZS 1547:2000 Interpretation of the Standard and Public Health Management, including practical approaches to its application.
- MoH Policy on sewage – Public Health and RMA considerations when assessing sewage treatment and disposal.

**THE COURSE WILL INCLUDE BUT NOT BE LIMITED TO PRESENTATIONS ON:**

- Treatment System case studies associated with secondary package plant systems and Land Disposal options, including their advantages/ disadvantages;
- Onsite sewage as an alternative to conventional treatment;
- AS/NZS 1547:2012: Pros and Cons;
- RMA / PH Issues with sewage treatment and disposal systems;
- NZ Effluent Standards and their applicability to local receiving water quality;

- ESR presentations on 'COVID-19 and Wastewater' and other relevant topics.



**THE COURSE STRUCTURE WILL PROVIDE FOR:**

- A variety of keynote speakers considered experts in their field.
- Informative lectures discussing the current issues on the topic.
- PHU case studies.

**COURSE FEE:**

Attendance is subsidised for up to two attendees per PHS, except for four from Auckland and three each from Wellington and Canterbury.

**REGISTER NOW BY:**

Completing a course registration form and forwarding it to the Academic Administrator, Allison Graham, by:

- Post: SMS Training, P O Box 1364, Invercargill
- Fax: (03) 214 2410
- Email: [allison.graham@smsl.co.nz](mailto:allison.graham@smsl.co.nz)

**Registrations close on 5 February 2021.**

*This course is being run by Southern Monitoring Services Limited with the support of the Ministry of Health*

