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| **Time** | **Activity** | **Location** | **Resp** | **Logistics/Notes** |
| **13 June**  8.30-8.45 | Karakia, introductions and purpose of seminar. | Online | Kevin Campbell & Allison Graham (SMS) |  |
|  | **Disease Surveillance** |  |  |  |
| 8.45-9.30 | Surveillance and the burden of disease. | Online | Barry Borman (Environmental Health Intelligence NZ) |  |
|  | **Water** |  |  |  |
| 9.30-9.40 | Break. | Online | All |  |
| 9.40-10.25 | Pathogen transport and risk in groundwater and wastewater environments. | Online | Louise Weaver (ESR) |  |
| 10.25-10.40 | Morning tea. | Online | All |  |
| 10.40-11.25 | Algal blooms – case investigation guidelines. | Online | Claire Salter (ESR) |  |
| 11.25-11.35 | Break. | Online | All |  |
| 11.35-12.20 | Reuse of greywater and wastewater. | Online | Margaret Leonard (ESR) |  |
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| **Time** | **Activity** | **Location** | **Resp** | **Logistics/Notes** |
|  | **Air** |  |  |  |
| **14 June**  8.30-9.15 | Air quality regulation in Aotearoa (overview, consenting, issues investigation). | Online | Lou Wickham (Emission Impossible) |  |
| 9.15-9.25 | Break. | Online | All |  |
| 9.25-10.10 | Social inequity and air quality in Aotearoa – a preliminary analysis. | Online | Jayne Metcalfe (Emission Impossible) |  |
| 10.10-10.25 | Morning tea. | Online | All |  |
| 10.25-11.10 | Air quality health impact assessment - case study. | Online | Lou Wickham and Catherine Lochore/Jim Miller (Te Whatu Ora – Bay of Plenty) | . |
| 11.10-11.20 | Break. | Online | All |  |
|  | **Sewage** |  |  |  |
| 11.20-12.05 | Faecal source tracking next generation – the use of metagenomics to understand what is in our water. | Online | Brent Gilpin/Meg Devane (ESR) |  |
| 12.05-12.15 | Break. | Online | All |  |
|  | **Communicable Disease** |  |  |  |
| 12.15-1.15 | Update on national Health Protection projects, including the development of the Public Health Outbreak, Case and Contact Information System (PHOCCIS). | Online | Katie Stokes TBC (Te Whatu Ora – Wellington) | (Katie on leave until start of June) |
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| **Time** | **Activity** | **Location** | **Resp** | **Logistics/Notes** |
|  | **Transport** |  |  |  |
| **15 June**  8.30-9.15 | Modelling transport policy – impacts on health. | Online | Jayne Metcalfe |  |
| 9.15-9.25 | Break. | Online | All |  |
| 9.25-10.10 | Impact of land use and transport policy on public health and air quality. | Online | Rachael Nicholl (Emission Impossible) |  |
| 10.10-10.25 | Morning tea. | Online | All |  |
|  | **Swimming Pools** |  |  |  |
| 10.25-12.25 | Swimming pool refresher: NZS5826:2010 Pool Water Quality. Pool water quality/managing quality risks, what PHUs should investigate when risks not managed e.g. Critical Control Points. Key components of a pool treatment system that need to be assessed to check water quality targets are met.  Case study re a pool health issue and how it was dealt with, e.g. faecal accident. | Online | Sarah Cresswell (Wai Skills) |  |
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