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|  | Question | Response |
| 1. | Mapping of all soak pits in the Whangamata settlement area | Please see the AssetFinda data extract for stormwater soakage in Whangamata. The attached pdf shows those that are mapped within our GIS system. |
| 2. | With respect to soak pits and sumps could you also send me Councils maintenance/service policy for them | TCDC water services do not operate or maintain any soak pits in Whangamata. Roading have some soak holes, the maintenance of which is on a ‘when required’ basis. No policy exists. |
| 3. | In reference to the maintenance/service policy please provide the last 10 years servicing of each of the soak pits | Please see the RAMM data extract for maintenance logs for the roading soak holes. |
| 4. | Can you please provide me with a drawing TCDC has developed to comply with E1/VM1 | TCDC uses an alternative solution. Please see the links for more information  [A3 Portrait (tcdc.govt.nz)](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.tcdc.govt.nz%2Ffiles%2Fassets%2Fpublic%2Four-council%2Fcodes%2Fappendix-i6c-plan-wosd1-whangamata-stormwater-disposal.pdf&data=05%7C01%7Canouska.greene%40tcdc.govt.nz%7C83b6ae0ef5e3411caeab08db2652cbb5%7C517051be11ea47ab88d526fbd47eea66%7C0%7C0%7C638145909271210185%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=wy7O1xDLD7Va7VFjlC8fP9BOF6e2qgTumRuZV5NaazI%3D&reserved=0)  [Code of Practice for Subdivision and Engineering - October 2013 - Appendix I6A - On-site Stormwater dispersal design E1VM1 (tcdc.govt.nz)](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.tcdc.govt.nz%2Ffiles%2Fassets%2Fpublic%2Four-council%2Fcodes%2Fappendix-i6a-on-site-stormwater-dispersal-design-e1vm1.pdf&data=05%7C01%7Canouska.greene%40tcdc.govt.nz%7C83b6ae0ef5e3411caeab08db2652cbb5%7C517051be11ea47ab88d526fbd47eea66%7C0%7C0%7C638145909271210185%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=%2FOcXC%2BXGM2HESQWw1XkCg%2BkqXNZAeW6shkFx3iZIIHk%3D&reserved=0)  [Code of Practice for Subdivision and Engineering - October 2013 - Appendix I6B - Alternative on-site Stormwater disposal system for Whangamata and Pauanui Sand Bar Areas (tcdc.govt.nz)](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.tcdc.govt.nz%2Ffiles%2Fassets%2Fpublic%2Four-council%2Fcodes%2Fappendix-i6b-alternative-on-site-stormwater-disposal-system-for-whangamata-and-pauanui-sand-bar-areas.pdf&data=05%7C01%7Canouska.greene%40tcdc.govt.nz%7C83b6ae0ef5e3411caeab08db2652cbb5%7C517051be11ea47ab88d526fbd47eea66%7C0%7C0%7C638145909271210185%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=fLZA%2B9cmmszSpfGfNoZR8lz0BamRaX%2F8n%2BL1LI2W4W8%3D&reserved=0)  [Code of Practice for Subdivision and Engineering - October 2013 - Appendix I6D - Sand-bar On-site Stormwater Disposal Retention Well (tcdc.govt.nz)](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.tcdc.govt.nz%2Ffiles%2Fassets%2Fpublic%2Four-council%2Fcodes%2Fappendix-i6d-sand-bar-on-site-stormwater-disposal-retention-well.pdf&data=05%7C01%7Canouska.greene%40tcdc.govt.nz%7C83b6ae0ef5e3411caeab08db2652cbb5%7C517051be11ea47ab88d526fbd47eea66%7C0%7C0%7C638145909271210185%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=KfdMT1%2B8GRJ1PxaoWL7zqxm8d8FXj7tfmYS0jjUCvqM%3D&reserved=0) |
| 5. | Does TCDC have a policy about testing? If so please provide a copy of that policy | There is no requirement for TCDC to return for testing purposes once installed. |
| 6. | If TCDC is currently reviewing soak pits please provide submission papers and drafts – TCDC are not currently reviewing soak pits | TCDC is not currently reviewing soak pits |
| 7. | Please provide a map of the water table levels as at summer 2023 for all of Whangamata settlement. | TCDC are not measuring water table levels |
| 8. | Has TCDC a policy to change the soak pits designs to cater for this rise. I am asking this because buildings must meet a minimum 50 year durability which includes performance of all building work including soak pits. | Soak pits are required to perform for the life of a building. The building code B2 Durability, specifies minimum durability periods which building elements must meet with only normal maintenance, being no less than 50, 15 or 5 years. Soak pits in most situations, are required to be durable for 15 years to meet the building code clause B2 Durability |
| 9. | what is the TCDC plan to supplement drain off when water tables rise above the current levels and render soak pits inoperative? What are these new owners to do? Can I have a copy of any policy or draft and how to make submissions | Response to this question will be provided in the response to your information request received 7th March 2023. |
| 10. | When private soak pits are constructed how will these be maintained? | Owners are responsible for the maintenance. |
| 11. | In the recent floods has the intensity rating for Whangamata settlement exceeded E1/AS1 amendment 11 Table A Appendix A Rainfall Intensities of 137mm /hour for the 2% AEP? If so how often, how long and what effect that will have on the water tables | The TCDC stormwater reticulation and detention areas worked as designed. Due to the recent rain event some areas were overloaded and small areas of Whangamata were subjected to localised flooding. The water table in Whangamata is high due to the level of rainfall we have had in recent months |
| 12. | Can you please provide the field testing results of the Whangamata settlement area for each of the years since the RMA was first made legislation in 1991 | There are no field-testing results |
| 13. | I require specifically the field testing within the Ocean Road through all of Mary, Sylvia, Bellona, Tui and Kiwi up to Otahu Road for all new house builds for the last 10 years. | All information on new house builds is publicly available on website through the consent tracker tool.  https://www.tcdc.govt.nz/Our-Services/Plan-and-Build/Consent-Tracker |
| 14. | If no field testing has been done why not? | TCDC requires the specific consents you refer to, before responding to this question.  Note: If the code of practice - alternative solution is used to as a compliance path to design soak pits, percolation tests in accordance with E1/VM1 are not a requirement. |
| 15. | I require the field testing to these areas before and after the Williamson Lake level was raised and the new weir was constructed. What has been the water level rise? | Council does not have a record of the differences in water level rise following the development of the Williamson Lake area |
| 16. | Would it also be possible to include in this map (or another map) all piped drains within the Whangamata settlement area including heights above sea level | You can access smart maps on our website, this will provide all the piped drains within the area as well as invert levels.  https://www.tcdc.govt.nz/Our-Services/SMART-Maps |