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| **Sewage Spill Notification Form** | | | | | |
| **Notifier** | Mike Davies | | **TLA** | | Marlborough District Council |
| **Date Notified** | 29th November 2018 | | **Time Notified** | | 1130hrs |
| **Date of Spill** | 26th November 2018 | | **Time discovered** | | 11:48am |
| **Phone 🕿** | 03 5207400 | | **Phone** | view details | 0274 403305 |
| **Location and Cause** Dublin St Sewer Pump Station – Heavy Rainfall | | | | | |
| The Dublin St sewer pump station has been part of the Picton Sewer capital upgrade scheme and had been commissioned and on line for approximately three months.  The station now has a fully treated (screened & UV disinfection) overflow outfall which discharges into the treated marine outfall shared with the Picton WWTP.  Due to high rainfall over an extended period the Dublin St sewer pump station had a short duration untreated overflow to the Waitohi Stream.  The duration of the overflow is estimated to be from 11:48am-12:05pm.  Cause of the overflow is loss of both main station pumps due to an electrical fault. This caused the inlet chamber of the main wet well to overflow directly into the bypass & outfall pump chambers (part of design) before eventually out of the untreated overflow into the Waitohi Stream.  The inlet chamber is designed to overflow if the inlet flows exceed 390l/s. At the time the of the overflow 236l/s was going through the treated marine overflow, so we estimate 154l/s was lost to the untreated Waitohi overflow. Equating to 157m3 in the 17 minute period.  The attached photographs show the status of the Waithoi Stream at the time of the untreated overflow. | | | | | |
| **Estimated Quantity** | | 150-160m3 | | | |
| **Rainfall/Weather** | | The catchment area for the sewer pump station has received the following amounts of rainfall between midnight 25th Nov-midnight 26th Nov.  Elevation 289mm  Waitohi Domain 174mm  Waikawa 192mm | | | |
| **Tide Conditions** | | Low Tide 0506 & 1738  High Tide 1213hrs | | | |
| **Proposed Sampling?** | | None at this stage. | | | |

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| **TLA Proposed Public Health Risk Advice (** On receipt the PHS will review and discuss with the TLA) |
| * **Contact Recreation: Swimming & windsurfing** (Closure & reopening of areas should be sanctioned by the Medical Officer of Health) |
| * **Shellfish Collection**: (From start of spill to 28 days after spill is eliminated [allows for viral depuration] Closure & reopening of areas should be sanctioned by the Medical Officer of Health). |







