

| Quantitray |                                 | Date: 18 July 2018 |        |                 |       | Technologist: Pfano, Anton |          |            |         |       |         |          |            |
|------------|---------------------------------|--------------------|--------|-----------------|-------|----------------------------|----------|------------|---------|-------|---------|----------|------------|
| Nr         | Sample point                    | Dilution           | Volume | Total coliforms |       | MPN                        | TC MPN   | Report MPN | E. coli |       | MPN     | EC MPN   | Report MPN |
|            |                                 |                    |        | Big             | Small |                            |          |            | Big     | Small |         |          |            |
| A          | <i>E. coli</i>                  | 100                | colony | 49              | 48    | ≥2419.6                    |          |            | 49      | 48    | ≥2419.6 |          |            |
| B          | <i>K. pneumonia</i>             | 100                | colony | 49              | 48    | ≥2419.6                    |          |            | 0       | 0     | <1      |          |            |
| C          | <i>P. aeruginosa</i>            | 100                | colony | 0               | 0     | <1                         |          |            | 0       | 0     | <1      |          |            |
| 1          | Blank                           | 100                | 100    | 0               | 0     | <1                         |          |            | 0       | 0     | <1      |          |            |
| 2          | Juskei River Down stream        | 1000               | 1      | 49              | 48    | >2419.6                    | >2419600 | 4.11E+06   | 49      | 40    | 1119.9  | 1.12E+06 | 1.12E+06   |
| 3          | Juskei River Down stream        | 10000              | 1      | 49              | 23    | 410.6                      | 4.11E+06 |            | 39      | 8     | 88.4    | 8.84E+05 |            |
| 4          | Juskei River Down stream        | 100000             | 1      | 21              | 2     | 29.2                       | 2.92E+06 |            | 4       | 1     | 5.2     | 5.20E+05 |            |
| 10         | Juskei River Under the bridge   | 1000               | 1      | 49              | 48    | >2419.6                    | >2419600 | 6.78E+06   | 49      | 44    | 1553.1  | 1.55E+06 | 1.41E+06   |
| 11         | Juskei River Under the bridge   | 10000              | 1      | 49              | 32    | 686.7                      | 6.87E+06 |            | 44      | 10    | 125.9   | 1.26E+06 |            |
| 12         | Juskei River Under the bridge   | 100000             | 1      | 34              | 7     | 67                         | 6.70E+06 |            | 14      | 4     | 20.9    | 2.09E+06 |            |
| 13         | Juskei River after running soap | 1000               | 1      | 49              | 48    | >2419.6                    | >2419600 | 3.26E+06   | 49      | 40    | 1119.9  | 1.12E+06 | 1.12E+06   |
| 14         | Juksei River after tunnig soap  | 10000              | 1      | 49              | 19    | 325.5                      | 3.26E+06 |            | 39      | 7     | 86      | 8.60E+05 |            |
| 15         | Juksei River after tunnig soap  | 100000             | 1      | 21              | 1     | 27.9                       | 2.79E+06 |            | 5       | 0     | 5.2     | 5.20E+05 |            |