

Regional rivers water quality monitoring programme data report 2020

Prepared by:
Aroha Salu

For:
Waikato Regional Council
Private Bag 3038
Waikato Mail Centre
HAMILTON 3240

September 2021

Document #: 21083595

Peer reviewed by:
Eloise Ryan

Date August 2021

Approved for release by:
Edmund Brown

Date September 2021

Disclaimer

This technical report has been prepared for the use of Waikato Regional Council as a reference document and as such does not constitute Council's policy.

Council requests that if excerpts or inferences are drawn from this document for further use by individuals or organisations, due care should be taken to ensure that the appropriate context has been preserved, and is accurately reflected and referenced in any subsequent spoken or written communication.

While Waikato Regional Council has exercised all reasonable skill and care in controlling the contents of this report, Council accepts no liability in contract, tort or otherwise, for any loss, damage, injury, or expense (whether direct, indirect or consequential) arising out of the provision of this information or its use by you or any other party.

Acknowledgement

Thanks to Chris McKinnon, Noel Bates, Asaeli Tulagi, Nicole Squires, Shana Edgecombe, Julia Simpson, Mark Hamer, Debbie Eastwood, Claire Kotze, Aaron Pedraza, Georgia Clements, Briar Mills, Esira Tulagi, Eloise Ryan, Sameer Sankhyadhar, Douglas De Brito, Brett Taylor and volunteers for their commitment and reliability in undertaking field measurements and sample collection; Chris McKinnon for assisting with the co-ordination of the field aspects of sample collection and Andrew Hoffman for creating the spatial contour plots.

Table of Contents

| | | |
|----------|---|-----------|
| 1 | Introduction | 1 |
| 1.1 | Background | 1 |
| 1.2 | Report content | 1 |
| 1.3 | Water quality guidelines and standards | 1 |
| 2 | Regional rivers monitoring design | 2 |
| 2.1 | Sampling locations | 2 |
| 2.2 | Sample collection | 6 |
| 2.3 | Water quality parameters | 6 |
| 2.4 | Quality control, data storage and analysis | 6 |
| 2.5 | Reports | 6 |
| 3 | Results | 7 |
| 3.1 | Regional rivers monitoring programme | 8 |
| 3.1.1 | Summary statistics | 8 |
| 3.2 | Regional rivers monitoring programme comparison with water quality guidelines and standards | 41 |
| | References | 45 |
| | Appendix I: Water quality guidelines and standards | 46 |
| | Appendix II: Water quality monitoring parameters | 47 |
| | Field instruments and analytical methods | 47 |

List of figures

| | | |
|-----------|--|----|
| Figure 1: | Monitoring locations | 5 |
| Figure 2: | Spatial contour plots of four water quality parameters (based on 5 year median values, 2016-2020); Total Nitrogen, Total Phosphorus, <i>Escherichia coli</i> , Turbidity | 40 |

List of tables

| | | |
|----------|--|----|
| Table 1: | Guidelines and standards for physiochemical water quality for ecological health and for human uses of water | 2 |
| Table 2: | Waikato Regional Council's sampling locations | 3 |
| Table 3: | Sample statistics for 2020. | 8 |
| Table 4: | Number of samples (2020) complying with the "satisfactory" and "excellent" water quality guidelines and standards. | 42 |

1 Introduction

1.1 Background

To effectively manage water quality, the regional rivers monitoring programme addresses the following questions:

1. What is the quality of the water now?
2. Why is the water of the observed level of quality?
3. Is water quality getting better or worse? If so - what makes it change?
4. How can we improve the quality, ecological health and integrity of the region's rivers and streams?

The monitoring information allows Waikato Regional Council to:

- determine compliance with classification standards.
- assess the suitability of the resource for various beneficial uses and values of the water.
- monitor the impact of major discrete point source discharges on water quality.
- monitor the impacts of diffuse discharges on water quality.
- provide a basis for evaluating the effectiveness of resource management measures.

This dataset is invaluable for the evaluation of the region's rivers: their state, the pressures on them and our response to these pressures. We need to continue to gather comprehensive, reliable, and good quality data on the region's rivers to protect and enhance their values into the future.

This report is the 25th since the implementation of the regional rivers monitoring programme (RERIMP) in 1993¹. A major redesign of the programme was implemented in 2018 to incorporate 10 new sites - from the Healthy Rivers Plan Change I. The RERIMP report series remain the same.

This report follows the format of the previous data report (Tulagi & Salu 2020). Copies of reports as described in the list of references (page 44) can be obtained by contacting Waikato Regional Council (the Library) on 0800 800 401 or filling out the request for service form at: www.waikatoregion.govt.nz/request or in electronic format from the publications page of the Waikato Regional Council website: www.waikatoregion.govt.nz/publications.

1.2 Report content

The report provides information on the routine monthly monitoring of water quality at 110 locations across the Waikato region, and includes:

- year 2020 summary statistics tabulated by parameter and reported together.
- spatial contour plots for four water quality parameters using spatial interpolation of the median of the previous 5 years.
- summary tables identifying the number of samples meeting 'satisfactory' and 'excellent' water quality guidelines and standards.

1.3 Water quality guidelines and standards

Table 1 lists the physical, chemical (physico-chemical) and microbiological water quality guidelines and standards used to assess the condition of the region's rivers in 2020. The standards relate to either the protection of the ecological health of rivers and streams or to the suitability for direct-contact water-based recreation (for example swimming).

¹ Waikato River reported separately

Table 1: Guidelines and standards for physiochemical water quality for ecological health and for human uses of water

| Water quality measure | Relevance ¹ | Satisfactory | Excellent |
|--|--------------------------|--------------|-----------|
| Ecological health | | | |
| Dissolved Oxygen (% saturation) | aquatic life (breathing) | >80 | >90 |
| pH | aquatic life (acidity) | 6.5-9 | 7-8 |
| Turbidity (NTU) | plant life (clarity) | <5 | <2 |
| Ammoniacal Nitrogen (g/m ³) | aquatic life (toxicity) | <0.88 | <0.1 |
| Water Temperature (°C) (May-Sep) | fish (spawning) | <12 | <10 |
| (Oct-Apr) | fish health | <20 | <16 |
| Total Phosphorus (g/m ³) | nuisance plant growth | <0.04 | <0.01 |
| Total Nitrogen (g/m ³) | nuisance plant growth | <0.5 | <0.1 |
| Human uses - recreation | | | |
| Black Disk (m) | visibility | >1.6 | >4 |
| <i>Escherichia coli</i> (✓100ml) | human health | <550 | <55 |
| Median <i>Escherichia coli</i> (✓100ml) | human health | <126 | <23 |
| Human uses - water supply | | | |
| Chlorophyll <i>a</i> (g/m ³) | filter blockage | <0.02 | <0.005 |
| Human uses - drinking water | | | |
| Arsenic (g/m ³) | human health (toxicity) | <0.01 | - |
| Boron (g/m ³) | human health (toxicity) | <1.4 | - |

¹Refer to Appendix I for description of guideline and standards values used. These guidelines and standards are also defined on the Waikato Regional Council Internet site www.waikatoregion.govt.nz

In each case two values are shown. The less stringent values define water that is “satisfactory” for the desired use; these are mostly based on existing national and other guidelines and standards (Appendix I). The more stringent values identify “excellent” water and reflect expert opinion.

2 Regional rivers monitoring design

2.1 Sampling locations

Routine water quality monitoring locations of the regional rivers monitoring programme are summarised in Table 2 and illustrated in Figure 1. One hundred and ten sites were sampled monthly by Waikato Regional Council. A further five locations form part of NIWA’s National Rivers Water Quality Network, whose data can be found on the NIWA website (www.niwa.co.nz).

The sampling locations are reasonably evenly distributed across the Waikato region (Figure 1). To assist assessment of water quality, sites in the region were divided into 7 water quality zones. This division is based on expert opinion, and reflects river catchments and some broad ecological features, including geology, altitude, winter temperatures, vegetation cover and land use. Sampling locations within each water quality zone are shown on Table 2.

Table 2: Waikato Regional Council's sampling locations

| Map No. | Location name | Location number | Location coordinate |
|---|---|-----------------|---------------------|
| Coromandel | | | |
| 1 | Waiau River at E309 Rd Ford | 1105-3 | 1825236, 5925022 |
| 24 | Waitekauri River at U/S Ohinemuri Confluence | 1239-32 | 1846306, 5855261 |
| 2 | Waiwawa River at SH25 Coroglen | 1257-3 | 1839816, 5910119 |
| 5 | Wharekawa River at SH25 | 1312-3 | 1852498, 5886250 |
| 12 | Hikutaia River at Old Maratoto Rd | 169-2 | 1836841, 5869743 |
| 6 | Kauaeranga River at Smiths Cableway/Recorder | 234-11 | 1830040, 5884528 |
| 22 | Ohinemuri River at Karangahake | 619-16* | 1840337, 5855574 |
| 23 | Ohinemuri River at Queens Head | 619-19 | 1847342, 5855482 |
| 19 | Ohinemuri River at SH25 Bridge | 619-20 | 1853847, 5859843 |
| 3 | Tapu River at Tapu-Coroglen Rd | 954-5 | 1822967, 5904237 |
| 4 | Tairua River at Morrisons Bridge Hikutia | 940-10 | 1846396, 5893251 |
| Hauraki | | | |
| 51 | Waihou River at Okauia | 1122-18 | 1850033, 5813970 |
| 33 | Waihou River at Te Aroha | 1122-34* | 1839179, 5841242 |
| 73 | Waihou River at Whites Rd | 1122-41 | 1847029, 5788310 |
| 69 | Waiohotu Stm at Waiohotu Rd (Off SH5) | 1173-2 | 1856291, 5789715 |
| 60 | Waiomou Stm at Matamata-Tauranga Rd | 1174-4 | 1852108, 5806591 |
| 10 | Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 1230-1 | 1808982, 5872419 |
| 48 | Waitoa River at Landsdowne Rd Bridge | 1249-15 | 1841455, 5816681 |
| 31 | Waitoa River at Mellon Rd Recorder | 1249-18 | 1832368, 5843261 |
| 20 | Mangawhero Stm (Kaihere) at Mangawara Rd | 489-2 | 1814506, 5857854 |
| 65 | Oraka Stm at Lake Rd | 669-6 | 1843532, 5799203 |
| 39 | Piako River at Kiwitahi | 749-10 | 1829552, 5824019 |
| 30 | Piako River at Paeroa-Tahuna Rd Bridge | 749-15 | 1821502, 5845142 |
| 59 | Piakonui Stm at Piakonui Rd | 753-4 | 1831309, 5810336 |
| Tributaries to the upper Waikato River | | | |
| 111 | Torepatutahi Stm at Vaile Rd Bridge | 1057-6 | 1888409, 5734946 |
| 102 | Waiotapu Stm at Campbell Rd Bridge | 1186-2 | 1892343, 5746710 |
| 110 | Waiotapu Stm at Homestead Rd Bridge | 1186-4 | 1890373, 5738454 |
| 105 | Waipapa Stm (Mokai) at Tirohanga Rd Bridge | 1202-7 | 1858355, 5743037 |
| 95 | Whirinaki Stm at Corbett Rd | 1323-1 | 1885524, 5755511 |
| 104 | Kawaunui Stm at SH5 Bridge | 240-5 | 1891976, 5746482 |
| 101 | Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 359-1 | 1863201, 5751371 |
| 109 | Mangakara Stm (Reporoa) at SH5 | 380-2 | 1889506, 5738783 |
| 108 | Mangakino River (Whakamaru) at Sandel Rd | 388-1 | 1838547, 5739797 |
| 97 | Otamakokore Stm at Hossack Rd | 683-4 | 1885383, 5755059 |
| 117 | Pueto Stm at Broadlands Rd Bridge | 802-1 | 1883743, 5720920 |
| 100 | Tahunaatara Stm at Ohakuri Rd | 934-1 | 1868367, 5752370 |
| Waipa River and tributaries | | | |
| 84 | Waipa River at SH3 Otorohanga | 1191-12 | 1793417, 5770550 |
| 67 | Waipa River at Pukehoua Bridge on Baffin Road | 1191-2 | 1792588, 5792454 |
| 106 | Waipa River at Mangaokewa Rd | 1191-5 | 1813330, 5741060 |
| 83 | Waitomo Stm at SH31 Otorohanga | 1253-5 | 1791948, 5771850 |
| 92 | Waitomo Stm at Tumutumu Rd | 1253-7 | 1783624, 5763236 |
| 61 | Kaniwhaniwha Stm at Wright Rd | 222-16 | 1788300, 5806382 |
| 75 | Mangaohoi Stm at South Branch Maru Rd | 411-9 | 1822734, 5785595 |
| 98 | Mangaokewa Stm at Lawrence St Bridge | 414-6 | 1789612, 5754501 |
| 66 | Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 438-3 | 1799086, 5794363 |
| 85 | Mangapu River at Otorohanga | 443-3 | 1793118, 5770149 |
| 81 | Mangatutu Stm (Waikeria) at Walker Rd Bridge | 476-7 | 1810109, 5780575 |
| 71 | Mangauika Stm at Te Awamutu Borough Water Intake | 477-10 | 1787494, 5788722 |
| 44 | Ohote Stm at Whatawhata/Horotiu Rd | 624-5 | 1789493, 5817795 |
| 72 | Puniu River at Bartons Corner Rd Bridge | 818-2 | 1801295, 5788365 |
| 38 | Firewood Creek at Waingaro Road Bridge | 124-8* | 1788353, 5827726 |
| 96 | Mangarama Stm at Gadsby Road Bridge | 1391-1* | 1784134, 5755235 |
| 89 | Mangarapa Stm at Old Te Kuiti Rd Bridge | 444-1* | 1792544, 5764098 |
| 78 | Moakurarua River at Warratah Farm Bridge | 553-12* | 1790853, 5783949 |
| 82 | Punui River at Wharepapa Sth Road Bridge | 818-40* | 1819868, 5775028 |
| 37 | Waipa River at Ngaruawahia Br | 1191-6* | 1789220, 5829466 |

| Map No. | Location name | Location number | Location coordinate |
|---|--|-----------------|---------------------|
| Tributaries to the lower Waikato River | | | |
| 18 | Waerenga Stm at Taniwha Rd | 1098-1 | 1802756, 5860005 |
| 46 | Waitawhiriwhiri Stm at Edgumbe Street | 1236-2 | 1799902, 5816915 |
| 9 | Whakapipi Stm at SH22 Bridge | 1282-8 | 1770704, 5874826 |
| 87 | Whakauru Stm at U/S SH1 Bridge | 1287-7 | 1851510, 5766456 |
| 13 | Whangamarino River at Island Block Rd | 1293-7 | 1784968, 5869103 |
| 16 | Whangamarino River at Jefferies Rd Bridge | 1293-9 | 1798066, 5865561 |
| 26 | Whangape Stm at Rangiriri-Glen Murray Rd | 1302-1 | 1784703, 5853683 |
| 64 | Karapiro Stm at Hickey Rd Bridge | 230-5 | 1822883, 5802300 |
| 42 | Kirikiroa Stm at Tauhara Drive | 253-4 | 1799248, 5820070 |
| 36 | Komakorau Stm at Henry Rd | 258-4 | 1798800, 5833361 |
| 76 | Little Waipa Stm at Arapuni – Putaruru Rd | 335-1 | 1836614, 5784613 |
| 35 | Awaroa Stm (Rotowaro) at Sansons Br–Rotowaro-Huntly | 39-11 | 1784661, 5837950 |
| 53 | Mangakotukutuku Stm (Rukuhia) at Peacockes Rd | 398-1 | 1802506, 5812573 |
| 86 | Mangamingi Stm (Tokoroa) at Paraonui Rd Bridge | 407-1 | 1848650, 5768522 |
| 52 | Mangaone Stm at Annebrooke Rd Bridge | 417-7 | 1805661, 5812778 |
| 11 | Awaroa River (Waiuku) at Otau Rd Bridge opp Moseley Rd | 41-9 | 1755860, 5870203 |
| 49 | Mangaonua Stm at Hoeka Rd | 421-10 | 1810244, 5815925 |
| 57 | Mangaonua Stm (a.k.a Waitakaruru Stm) at Te Miro Rd | 421-16 | 1821181, 5811525 |
| 8 | Mangatangi River at SH2 Maramarua | 453-6 | 1793779, 5875482 |
| 7 | Mangatawhiri River at Lyons Rd at Buckingham Bridge | 459-6 | 1789293, 5881001 |
| 34 | Mangawara Stm at Rutherford Rd Bridge | 481-7 | 1798115, 5840673 |
| 62 | Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 488-1 | 1811449, 5803595 |
| 27 | Matahuru Stm at Waiterimu Rd Br | 516-5 | 1798000, 5849274 |
| 15 | Ohaeroa Stm at SH22 Bridge | 612-9 | 1773012, 5868668 |
| 17 | Opuatia Stm at Ponganui Rd | 665-5 | 1766922, 5862941 |
| 77 | Pokaiwhenua Stm at Arapuni-Putaruru Rd | 786-2 | 1838866, 5784259 |
| 32 | Lake Waahi Outlet at Te Ohaaki Bridge | 1097-1* | 1790273, 5842096 |
| 21 | Northern Outlet Canal at Downstream of Control Gate | 3021-3* | 1795678, 5857803 |
| West coast | | | |
| 41 | Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 1167-4 | 1773441, 5822030 |
| 54 | Waitetuna River at Te Uku-Waingaro Rd | 1247-2 | 1773923, 5812566 |
| 114 | Awakino River at Gribbon Rd | 33-6 | 1760059, 5730104 |
| 120 | Awakino River at SH3 Awakau Rd Junction | 33-9 | 1748705, 5718389 |
| 116 | Manganui River at Off Manganui Rd | 410-4 | 1745321, 5721017 |
| 112 | Mangaotaki River at SH3 Bridge | 428-3 | 1766193, 5734587 |
| 90 | Marokopa River at Speedies Rd (Off Te Anga Rd) | 513-3 | 1760521, 5763807 |
| 121 | Mokau River at Awakau Rd | 556-2 | 1749850, 5716869 |
| 107 | Mokau River at Mangaokewa Rd (Off SH30) | 556-5 | 1799420, 5740045 |
| 115 | Mokau River at Totoro Rd Recorder | 556-9 | 1765756, 5729127 |
| 113 | Mokauiti Stm at Three Way Point – Aria | 557-5 | 1772711, 5731165 |
| 43 | Ohautira River at Waingaro - Te Uku Rd | 616-1 | 1773746, 5818631 |
| 74 | Oparau River at Langdon Rd (Off Okupata Rd) | 658-1 | 1769651, 5787687 |
| 91 | Tawarau River at Off Speedies Rd | 976-1 | 1761387, 5763275 |
| Inflows to Lake Taupo | | | |
| 135 | Tokaanu Stm at Off SH41 Turangi | 1045-3 | 1841470, 5680399 |
| 123 | Waihaha River at SH32 | 1106-4 | 1833389, 5713044 |
| 125 | Waitahanui River at Blake Rd | 1226-1 | 1868051, 5701057 |
| 119 | Whangamata Stm (Kinloch) at Whangamata Rd | 1300-1 | 1854803, 5718799 |
| 124 | Whanganui Stream at Lakeside Lake Taupo | 1301-1 | 1837143, 5703708 |
| 128 | Whareroa Stream at Lakeside Lake Taupo | 1318-4 | 1841456, 5695161 |
| 134 | Tokaanu Power Station Tailrace Canal at SH41 Bridge | 1491-1 | 1840329, 5681866 |
| 129 | Hinemaiaia River at SH1 | 171-5 | 1862185, 5695020 |
| 130 | Kuratau River at SH41 Moerangi | 282-4 | 1825502, 5692096 |
| 131 | Kuratau River at Te Rae Street | 282-5 | 1840133, 5691927 |
| 122 | Mapara Stm at Off Mapara Rd (Whakaipo Reserve) | 504-2 | 1857975, 5713452 |
| 132 | Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 971-5 | 1851416, 5688991 |

*New site, no 5year median value.

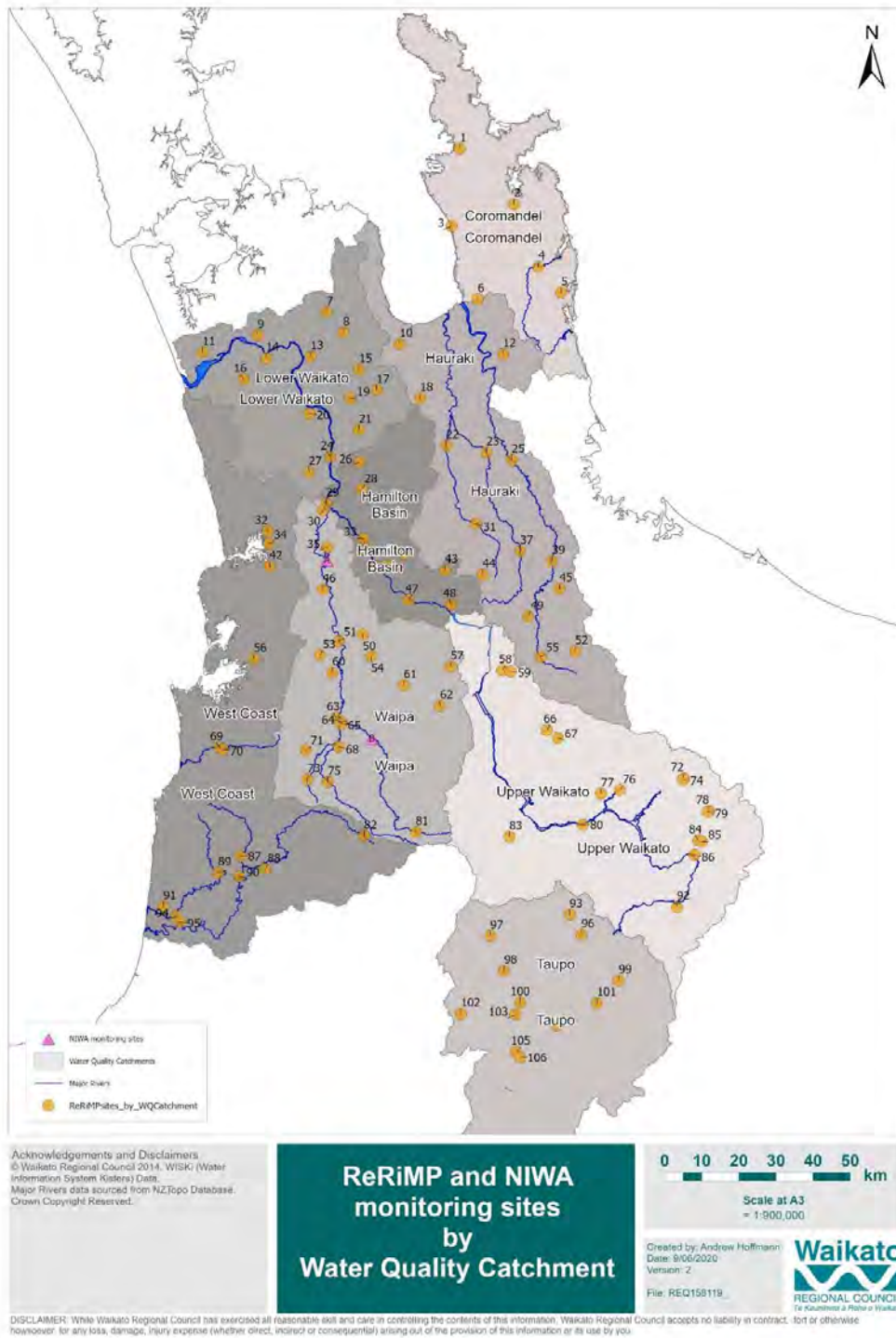


Figure 1: Monitoring locations

2.2 Sample collection

Sample collection occurs monthly. Due to a Covid 19 lockdown, river and stream sampling was suspended for up to three months in 2020. The 110 locations sampled by Waikato Regional Council staff were divided between 9 sampling runs up to November 2020. From December 2020 twelve sites in the Taupo catchment were transferred to Tūwharetoa Māori Trust board (TMTB), under Waikato Regional Councils section 33 contract agreement with TMTB. The runs are sampled in the same order each month, and by the same group of field staff. Sampling is assigned to either the first, second, third or fourth week of each month. A similar time of sampling (± 1 hour) is maintained for subsequent visits to a location to minimise the effect of any diurnal variation on water quality parameters, thereby increasing long term trend detection power.

2.3 Water quality parameters

Water quality of the region's rivers is assessed by measuring up to 32 parameters (19 routinely). Some parameters are measured in the field, but most are analysed by laboratories using standard analytical methods. Details of field measurements and analytical methods are given in *Appendix II*.

2.4 Quality control, data storage and analysis

Quality control measures are undertaken in accordance with Waikato Regional Council's standards including procedures for the collection, transport and storage of samples, and methods for data verification and quality assurance to ensure the consistency of data across the programme. Samples are sent to IANZ registered laboratories for analysis. Back-up samples are held for four weeks until results have been verified by routine quality assurance procedures. All data from field measurements and laboratory analyses are stored in Waikato Regional Council's database called WISKI.

Data analysis was performed using WQStats program. For the purpose of data analysis, non-detect results (i.e. results with "less than" values) were assumed to be equal to half the corresponding limit of detection (i.e. $<x = x/2$), and results greater than the value reported were taken as equal to the value reported (i.e. $>x = x$).

The water quality spatial contour plots were created using ArcGIS Pro and interpolate points tool. To present the spatial contour plots the spatial interpolation procedure was used to estimate the variable at unsampled locations, using weighted sums of the variable at neighbouring sample points. The procedure is designed to minimize the variance of the estimation errors. In some cases, artificial sites were used at points downstream of lowland sample sites to show a catchment flow-through effect.

2.5 Reports

A report on Regional Water Quality Trends (Vant, 2018) summarises the trends and patterns in regional water quality during 1993 to 2017.

The data contained in these regional rivers reports is updated to the LAWA and Waikato Regional Council website, which also provides a link to details of the water quality guidelines and standards used to assess the condition of the region's rivers, as well as other information relating to lakes, rivers and wetlands. View this information at <http://www.waikatoregion.govt.nz/fresh-water-quality> and [Land, Air, Water Aotearoa \(LAWA\) - River Quality](#)

3 Results

The results are divided into two sections. Section 3.1 has a statistical summary of routine monitoring of the region's rivers in 2020 and provides the spatial contour plots using water quality data from four parameters, based on median values for the last five years. Summaries of these additional tests are included in this report. Section 3.2 compares the results with water quality guidelines and standards for compliance.

3.1 Regional rivers monitoring programme

3.1.1 Summary statistics

Table 3: Sample statistics for 2020.

| Location | Absorbance (340nm) (µcm) | | | | | | | 16-20 median |
|--|--------------------------|-------|--------|-------|-------|-------|-------|--------------|
| | Count | Mean | Median | Min | Max | IQR | Skew | |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.019 | 0.017 | 0.010 | 0.040 | 0.011 | 1.58 | 0.016 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.016 | 0.008 | 0.006 | 0.037 | 0.026 | 1.04 | 0.015 |
| Ohinemuri River at Karangahake | 10 | 0.016 | 0.013 | 0.009 | 0.042 | 0.005 | 2.70 | - |
| Ohinemuri River at Queens Head | 10 | 0.015 | 0.014 | 0.010 | 0.034 | 0.004 | 2.72 | 0.014 |
| Ohinemuri River at SH25 Br | 10 | 0.013 | 0.014 | 0.007 | 0.020 | 0.009 | -0.02 | 0.011 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.015 | 0.013 | 0.008 | 0.028 | 0.008 | 1.11 | 0.015 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.014 | 0.009 | 0.007 | 0.035 | 0.013 | 1.44 | 0.011 |
| Waiau River at E309 Rd Ford | 10 | 0.021 | 0.016 | 0.011 | 0.048 | 0.011 | 1.66 | 0.017 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.012 | 0.010 | 0.006 | 0.026 | 0.003 | 2.04 | 0.011 |
| Waiwawa River at SH25 Coroglen | 10 | 0.021 | 0.013 | 0.010 | 0.049 | 0.027 | 1.13 | 0.019 |
| Wharekawa River at SH25 | 10 | 0.017 | 0.017 | 0.010 | 0.029 | 0.010 | 0.75 | 0.018 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.034 | 0.022 | 0.011 | 0.121 | 0.016 | 2.56 | 0.019 |
| Oraka Stm at Lake Rd | 9 | 0.014 | 0.011 | 0.007 | 0.030 | 0.004 | 2.03 | 0.013 |
| Piako River at Kiwitahi | 11 | 0.049 | 0.037 | 0.025 | 0.128 | 0.018 | 2.09 | 0.044 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 0.071 | 0.067 | 0.039 | 0.147 | 0.032 | 1.66 | 0.077 |
| Piakonui Stm at Piakonui Rd | 11 | 0.036 | 0.035 | 0.017 | 0.064 | 0.019 | 0.86 | 0.030 |
| Waihou River at Okauia | 11 | 0.013 | 0.011 | 0.005 | 0.040 | 0.006 | 2.52 | 0.014 |
| Waihou River at Te Aroha | 11 | 0.015 | 0.013 | 0.008 | 0.037 | 0.003 | 2.48 | - |
| Waihou River at Whites Rd | 9 | 0.002 | 0.001 | 0.001 | 0.003 | 0.001 | 1.19 | 0.001 |
| Waihotu Stm at Waihotu Rd (Off SH5) | 9 | 0.044 | 0.036 | 0.022 | 0.093 | 0.014 | 1.75 | 0.041 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.019 | 0.018 | 0.010 | 0.038 | 0.010 | 1.19 | 0.019 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.061 | 0.049 | 0.030 | 0.115 | 0.036 | 1.02 | 0.069 |
| Waitoa River at Landsdowne Rd Br | 11 | 0.046 | 0.031 | 0.022 | 0.133 | 0.031 | 2.01 | 0.038 |
| Waitoa River at Mellon Rd Recorder | 11 | 0.042 | 0.042 | 0.025 | 0.067 | 0.014 | 0.80 | 0.042 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 0.031 | 0.028 | 0.008 | 0.057 | 0.037 | 0.16 | 0.038 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.023 | 0.018 | 0.014 | 0.037 | 0.014 | 0.77 | 0.020 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.051 | 0.046 | 0.027 | 0.100 | 0.023 | 1.23 | 0.046 |
| Kirikiriroa Stm at Tauhara Dr | 11 | 0.052 | 0.057 | 0.031 | 0.064 | 0.013 | -1.11 | 0.051 |
| Komakorau Stm at Henry Rd | 11 | 0.099 | 0.103 | 0.052 | 0.148 | 0.040 | -0.11 | 0.125 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 0.016 | 0.009 | 0.006 | 0.039 | 0.017 | 1.29 | 0.011 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 0.253 | 0.129 | 0.065 | 0.660 | 0.344 | 0.78 | 0.240 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.031 | 0.026 | 0.019 | 0.063 | 0.014 | 1.94 | 0.025 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.042 | 0.039 | 0.027 | 0.062 | 0.015 | 0.76 | 0.047 |
| Mangaonua Stm at Hoeka Rd | 11 | 0.044 | 0.032 | 0.019 | 0.136 | 0.020 | 2.64 | 0.037 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.034 | 0.024 | 0.016 | 0.081 | 0.020 | 1.55 | 0.028 |
| Mangatangi River at SH2 Maramarua | 10 | 0.041 | 0.035 | 0.022 | 0.069 | 0.023 | 0.57 | 0.045 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.019 | 0.018 | 0.014 | 0.025 | 0.009 | 0.52 | 0.022 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.101 | 0.114 | 0.053 | 0.141 | 0.055 | -0.34 | 0.134 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.115 | 0.102 | 0.043 | 0.230 | 0.103 | 0.62 | 0.122 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.088 | 0.078 | 0.046 | 0.163 | 0.067 | 0.70 | 0.084 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 0.053 | 0.048 | 0.034 | 0.081 | 0.024 | 0.69 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.027 | 0.027 | 0.016 | 0.042 | 0.013 | 0.24 | 0.025 |
| Opuatia Stm at Ponganui Rd | 10 | 0.024 | 0.024 | 0.016 | 0.034 | 0.007 | 0.39 | 0.025 |
| Pokaiwhenua Stm at Puketurua | 9 | 0.019 | 0.014 | 0.010 | 0.040 | 0.011 | 1.61 | 0.015 |
| Waahi Stm at Te Ohaki Rd | 11 | 0.039 | 0.042 | 0.029 | 0.047 | 0.008 | -0.42 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.028 | 0.030 | 0.014 | 0.041 | 0.015 | -0.24 | 0.024 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 0.124 | 0.113 | 0.077 | 0.230 | 0.055 | 1.34 | 0.113 |
| Whakapipi Stm at SH22 Br | 10 | 0.029 | 0.030 | 0.018 | 0.038 | 0.015 | -0.33 | 0.032 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.031 | 0.020 | 0.018 | 0.104 | 0.009 | 2.88 | 0.025 |
| Whangamarino River at Island Block Rd | 10 | 0.157 | 0.133 | 0.046 | 0.340 | 0.169 | 0.48 | 0.130 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.044 | 0.043 | 0.027 | 0.070 | 0.024 | 0.47 | 0.041 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.065 | 0.065 | 0.035 | 0.090 | 0.033 | -0.29 | 0.072 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.034 | 0.036 | 0.016 | 0.052 | 0.014 | -0.42 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.024 | 0.025 | 0.013 | 0.035 | 0.008 | -0.23 | 0.026 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.013 | 0.007 | 0.005 | 0.043 | 0.007 | 2.07 | 0.007 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.036 | 0.036 | 0.026 | 0.047 | 0.004 | 0.39 | 0.035 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 0.080 | 0.077 | 0.035 | 0.135 | 0.039 | 0.37 | 0.085 |
| Mangapu River at Otorohanga | 9 | 0.031 | 0.029 | 0.016 | 0.058 | 0.012 | 1.23 | 0.030 |
| Mangarama at Gadsby Rd | 10 | 0.043 | 0.040 | 0.010 | 0.107 | 0.039 | 0.90 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 0.033 | 0.025 | 0.016 | 0.089 | 0.013 | 2.50 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.023 | 0.017 | 0.014 | 0.055 | 0.007 | 2.19 | 0.020 |
| Manguaika Stm at Te Awamutu Borough W/S Intake | 10 | 0.015 | 0.008 | 0.005 | 0.048 | 0.008 | 1.96 | 0.008 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 0.019 | 0.018 | 0.012 | 0.024 | 0.007 | -0.10 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.091 | 0.114 | 0.023 | 0.134 | 0.077 | -0.53 | 0.168 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.029 | 0.026 | 0.019 | 0.051 | 0.011 | 1.35 | 0.028 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.023 | 0.022 | 0.014 | 0.041 | 0.008 | 1.45 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.054 | 0.051 | 0.028 | 0.081 | 0.022 | 0.34 | 0.049 |
| Waipa River at Ngaruawahia Br | 11 | 0.034 | 0.032 | 0.021 | 0.056 | 0.014 | 0.92 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.031 | 0.026 | 0.017 | 0.075 | 0.007 | 2.44 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.025 | 0.024 | 0.002 | 0.039 | 0.018 | -0.45 | 0.027 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.022 | 0.022 | 0.013 | 0.042 | 0.010 | 1.28 | 0.019 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.017 | 0.013 | 0.007 | 0.053 | 0.007 | 2.59 | 0.013 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 0.030 | 0.020 | 0.017 | 0.066 | 0.014 | 1.59 | 0.026 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.035 | 0.024 | 0.019 | 0.077 | 0.018 | 1.56 | 0.029 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.025 | 0.019 | 0.014 | 0.067 | 0.010 | 2.14 | 0.018 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.018 | 0.011 | 0.007 | 0.058 | 0.010 | 2.40 | 0.012 |
| Otamakokore Stm at Hossack Rd | 9 | 0.042 | 0.031 | 0.020 | 0.118 | 0.020 | 2.41 | 0.038 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.011 | 0.011 | 0.007 | 0.019 | 0.003 | 1.72 | 0.010 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.035 | 0.027 | 0.021 | 0.085 | 0.014 | 2.30 | 0.034 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.012 | 0.012 | 0.008 | 0.018 | 0.003 | 0.58 | 0.013 |
| Waiotapu Stm at Campbell Rd Br | 9 | 0.005 | 0.005 | 0.003 | 0.007 | 0.002 | -0.08 | 0.006 |
| Waiotapu Stm at Homestead Rd Br | 9 | 0.025 | 0.022 | 0.016 | 0.041 | 0.009 | 1.24 | 0.025 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 0.013 | 0.010 | 0.008 | 0.026 | 0.006 | 1.54 | 0.013 |
| Whirinaki Stm at Corbett Rd | 9 | 0.004 | 0.004 | 0.001 | 0.009 | 0.003 | 1.03 | 0.004 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.012 | 0.007 | 0.005 | 0.047 | 0.006 | 2.83 | 0.007 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.019 | 0.016 | 0.010 | 0.051 | 0.007 | 2.37 | 0.013 |
| Manganui River at Off Manganui Rd | 10 | 0.011 | 0.010 | 0.008 | 0.021 | 0.002 | 2.22 | 0.009 |
| Mangaotaki River at SH3 Br | 10 | 0.019 | 0.016 | 0.011 | 0.047 | 0.003 | 2.79 | 0.015 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.023 | 0.018 | 0.011 | 0.049 | 0.012 | 1.32 | 0.017 |
| Mokau River at Awakau Rd | 10 | 0.031 | 0.030 | 0.004 | 0.050 | 0.015 | -0.67 | 0.032 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.050 | 0.049 | 0.037 | 0.079 | 0.010 | 1.77 | 0.044 |
| Mokau River at Totoro Rd Recorder | 10 | 0.031 | 0.031 | 0.020 | 0.042 | 0.018 | 0.16 | 0.029 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.055 | 0.051 | 0.031 | 0.082 | 0.031 | 0.46 | 0.054 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.027 | 0.024 | 0.012 | 0.056 | 0.011 | 1.39 | 0.021 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.030 | 0.026 | 0.011 | 0.083 | 0.020 | 1.95 | 0.019 |
| Tawarau River at Off Speedies Rd | 10 | 0.022 | 0.018 | 0.010 | 0.047 | 0.015 | 1.11 | 0.016 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.037 | 0.040 | 0.020 | 0.060 | 0.016 | 0.34 | 0.034 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.028 | 0.029 | 0.013 | 0.052 | 0.009 | 0.75 | 0.027 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.013 | 0.013 | 0.008 | 0.019 | 0.005 | 0.38 | 0.013 |
| Kuratau River at SH41 Moerangi | 9 | 0.020 | 0.023 | 0.010 | 0.028 | 0.009 | -0.56 | 0.019 |
| Kuratau River at Te Rae Street T10 | 9 | 0.021 | 0.021 | 0.015 | 0.029 | 0.007 | 0.42 | 0.020 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.036 | 0.029 | 0.001 | 0.098 | 0.016 | 1.69 | 0.037 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.008 | 0.007 | 0.005 | 0.020 | 0.002 | 2.62 | 0.007 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.007 | 0.005 | 0.004 | 0.016 | 0.002 | 2.51 | 0.006 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.002 | 0.001 | 0.001 | 0.010 | 0.000 | 2.93 | 0.001 |
| Waihaha River at SH32 | 9 | 0.010 | 0.008 | 0.007 | 0.019 | 0.006 | 1.30 | 0.009 |
| Waitahanui River at Blake Rd | 7 | 0.004 | 0.003 | 0.002 | 0.009 | 0.003 | 1.39 | 0.003 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 0.009 | 0.006 | 0.005 | 0.030 | 0.004 | 2.77 | 0.007 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.015 | 0.014 | 0.010 | 0.026 | 0.006 | 1.28 | 0.016 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.018 | 0.016 | 0.010 | 0.036 | 0.008 | 1.62 | 0.018 |

IQR = Inter quartile range - = less than five-year record available

| Location | Absorbance (440nm) (✓cm) | | | | | | | 16-20 median |
|--|--------------------------|-------|--------|-------|-------|-------|-------|-----------------|
| | Count | Mean | Median | Min | Max | IQR | Skew | |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.004 | 0.004 | 0.001 | 0.009 | 0.004 | 0.72 | 0.003 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.003 | 0.001 | 0.001 | 0.008 | 0.005 | 0.99 | 0.003 |
| Ohinemuri River at Karangahake | 10 | 0.003 | 0.003 | 0.001 | 0.009 | 0.003 | 1.73 | - |
| Ohinemuri River at Queens Head | 10 | 0.003 | 0.003 | 0.001 | 0.007 | 0.001 | 2.05 | 0.003 |
| Ohinemuri River at SH25 Br | 10 | 0.003 | 0.003 | 0.001 | 0.005 | 0.003 | 0.25 | 0.002 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.003 | 0.003 | 0.001 | 0.006 | 0.003 | 0.31 | 0.004 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.003 | 0.002 | 0.001 | 0.009 | 0.003 | 1.64 | 0.002 |
| Waiau River at E309 Rd Ford | 10 | 0.004 | 0.004 | 0.001 | 0.010 | 0.004 | 1.03 | 0.004 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.002 | 0.002 | 0.001 | 0.006 | 0.002 | 1.55 | 0.002 |
| Waiwawa River at SH25 Coroglen | 10 | 0.004 | 0.004 | 0.001 | 0.010 | 0.006 | 0.81 | 0.005 |
| Wharekawa River at SH25 | 10 | 0.003 | 0.004 | 0.001 | 0.006 | 0.002 | 0.13 | 0.004 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.007 | 0.005 | 0.002 | 0.022 | 0.003 | 2.26 | 0.004 |
| Oraka Stm at Lake Rd | 9 | 0.003 | 0.003 | 0.001 | 0.006 | 0.003 | 0.63 | 0.003 |
| Piako River at Kiwitahi | 11 | 0.009 | 0.007 | 0.004 | 0.026 | 0.004 | 2.27 | 0.008 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 0.012 | 0.013 | 0.006 | 0.028 | 0.008 | 1.53 | 0.013 |
| Piakonui Stm at Piakonui Rd | 11 | 0.007 | 0.007 | 0.003 | 0.013 | 0.005 | 0.78 | 0.006 |
| Waihou River at Okauia | 11 | 0.003 | 0.003 | 0.001 | 0.008 | 0.002 | 1.88 | 0.003 |
| Waihou River at Te Aroha | 11 | 0.003 | 0.003 | 0.001 | 0.008 | 0.002 | 1.72 | - |
| Waihou River at Whites Rd | 9 | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 3.00 | 0.001 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 0.009 | 0.007 | 0.004 | 0.018 | 0.003 | 1.60 | 0.008 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.004 | 0.004 | 0.001 | 0.008 | 0.004 | 0.06 | 0.004 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.011 | 0.010 | 0.005 | 0.021 | 0.008 | 0.84 | 0.013 |
| Waitoa River at Landsdowne Rd Br | 11 | 0.008 | 0.005 | 0.003 | 0.026 | 0.005 | 2.10 | 0.007 |
| Waitoa River at Mellon Rd Recorder | 11 | 0.007 | 0.007 | 0.004 | 0.012 | 0.004 | 0.45 | 0.007 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 0.006 | 0.005 | 0.001 | 0.011 | 0.008 | 0.16 | 0.006 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.004 | 0.004 | 0.002 | 0.005 | 0.001 | -0.15 | 0.003 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.009 | 0.008 | 0.004 | 0.020 | 0.004 | 1.24 | 0.008 |
| Kirikiri Stm at Tauhara Dr | 11 | 0.008 | 0.009 | 0.004 | 0.010 | 0.001 | -1.40 | 0.008 |
| Komakorau Stm at Henry Rd | 11 | 0.014 | 0.013 | 0.007 | 0.026 | 0.007 | 0.76 | 0.019 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 0.003 | 0.001 | 0.001 | 0.008 | 0.005 | 0.98 | 0.002 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 0.040 | 0.021 | 0.011 | 0.107 | 0.047 | 0.96 | 0.040 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.007 | 0.006 | 0.004 | 0.013 | 0.003 | 1.76 | 0.005 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.007 | 0.007 | 0.004 | 0.011 | 0.002 | 0.45 | 0.008 |
| Mangaonua Stm at Hoeka Rd | 11 | 0.008 | 0.006 | 0.002 | 0.028 | 0.004 | 2.68 | 0.006 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.007 | 0.006 | 0.003 | 0.017 | 0.005 | 1.44 | 0.006 |
| Mangatangi River at SH2 Maramarua | 10 | 0.007 | 0.006 | 0.003 | 0.012 | 0.005 | 0.28 | 0.008 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.004 | 0.004 | 0.002 | 0.005 | 0.002 | 0.04 | 0.004 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.016 | 0.017 | 0.008 | 0.023 | 0.007 | -0.31 | 0.023 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.018 | 0.016 | 0.006 | 0.039 | 0.014 | 0.87 | 0.017 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.014 | 0.012 | 0.007 | 0.027 | 0.010 | 0.87 | 0.014 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 0.012 | 0.010 | 0.006 | 0.023 | 0.010 | 0.97 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.006 | 0.006 | 0.003 | 0.011 | 0.003 | 0.91 | 0.005 |
| Opuatia Stm at Ponganui Rd | 10 | 0.004 | 0.005 | 0.002 | 0.006 | 0.003 | -0.40 | 0.005 |
| Pokaiwhenua Stm at Puketurua | 9 | 0.004 | 0.003 | 0.002 | 0.009 | 0.002 | 1.31 | 0.003 |
| Waahi Stm at Te Ohaki Rd | 11 | 0.006 | 0.006 | 0.005 | 0.009 | 0.002 | 0.64 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.006 | 0.006 | 0.002 | 0.009 | 0.004 | -0.18 | 0.006 |
| Waitawhiriwhiri Stm at Edgcombe Street | 11 | 0.019 | 0.018 | 0.011 | 0.032 | 0.006 | 1.04 | 0.019 |
| Whakapipi Stm at SH22 Br | 10 | 0.005 | 0.006 | 0.003 | 0.007 | 0.003 | -0.40 | 0.006 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.007 | 0.006 | 0.004 | 0.022 | 0.002 | 2.83 | 0.005 |
| Whangamarino River at Island Block Rd | 10 | 0.029 | 0.025 | 0.008 | 0.064 | 0.031 | 0.49 | 0.024 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.008 | 0.008 | 0.004 | 0.012 | 0.006 | 0.11 | 0.007 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.011 | 0.010 | 0.006 | 0.014 | 0.004 | -0.19 | 0.012 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.007 | 0.007 | 0.003 | 0.010 | 0.004 | -0.33 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.004 | 0.004 | 0.002 | 0.007 | 0.003 | 0.10 | 0.005 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.003 | 0.001 | 0.001 | 0.009 | 0.003 | 1.79 | 0.001 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.007 | 0.007 | 0.005 | 0.009 | 0.001 | 0.48 | 0.007 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 0.014 | 0.013 | 0.006 | 0.023 | 0.005 | 0.12 | 0.015 |
| Mangapu River at Otorohanga | 9 | 0.006 | 0.005 | 0.003 | 0.011 | 0.003 | 1.09 | 0.005 |
| Mangarama at Gadsby Rd | 10 | 0.008 | 0.007 | 0.002 | 0.020 | 0.006 | 1.29 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 0.006 | 0.006 | 0.002 | 0.019 | 0.002 | 2.54 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.005 | 0.004 | 0.003 | 0.011 | 0.002 | 2.04 | 0.004 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.003 | 0.002 | 0.001 | 0.010 | 0.002 | 1.89 | 0.001 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 0.003 | 0.004 | 0.002 | 0.004 | 0.002 | -0.55 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.014 | 0.016 | 0.003 | 0.025 | 0.015 | -0.18 | 0.028 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.006 | 0.005 | 0.003 | 0.010 | 0.003 | 0.91 | 0.006 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.005 | 0.004 | 0.003 | 0.008 | 0.001 | 1.78 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.011 | 0.011 | 0.005 | 0.016 | 0.005 | -0.08 | 0.010 |
| Waipa River at Ngaruawahia Br | 11 | 0.006 | 0.006 | 0.004 | 0.009 | 0.004 | 0.34 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.006 | 0.005 | 0.003 | 0.016 | 0.002 | 2.32 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.005 | 0.005 | 0.001 | 0.008 | 0.003 | 0.01 | 0.005 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.004 | 0.004 | 0.002 | 0.008 | 0.002 | 1.11 | 0.004 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.003 | 0.003 | 0.001 | 0.011 | 0.003 | 2.27 | 0.003 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 0.006 | 0.004 | 0.003 | 0.013 | 0.005 | 1.29 | 0.005 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.007 | 0.005 | 0.004 | 0.015 | 0.005 | 1.42 | 0.006 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.005 | 0.004 | 0.003 | 0.014 | 0.003 | 2.14 | 0.004 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.003 | 0.002 | 0.001 | 0.012 | 0.003 | 2.22 | 0.003 |
| Otamakokore Stm at Hossack Rd | 9 | 0.009 | 0.007 | 0.005 | 0.025 | 0.004 | 2.44 | 0.008 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.002 | 0.002 | 0.001 | 0.004 | 0.002 | 1.11 | 0.001 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.007 | 0.006 | 0.004 | 0.017 | 0.003 | 2.21 | 0.007 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.002 | 0.003 | 0.001 | 0.004 | 0.001 | -0.27 | 0.003 |
| Waiotapu Stm at Campbell Rd Br | 9 | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 3.00 | 0.001 |
| Waiotapu Stm at Homestead Rd Br | 9 | 0.004 | 0.004 | 0.003 | 0.008 | 0.002 | 1.37 | 0.004 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 0.003 | 0.002 | 0.001 | 0.005 | 0.003 | 0.47 | 0.003 |
| Whirinaki Stm at Corbett Rd | 9 | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 1.62 | 0.001 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.002 | 0.002 | 0.001 | 0.010 | 0.001 | 2.82 | 0.001 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.004 | 0.003 | 0.001 | 0.010 | 0.003 | 1.55 | 0.003 |
| Manganui River at Off Manganui Rd | 10 | 0.002 | 0.002 | 0.001 | 0.006 | 0.001 | 2.18 | 0.001 |
| Mangaotaki River at SH3 Br | 10 | 0.004 | 0.004 | 0.002 | 0.009 | 0.001 | 2.25 | 0.003 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.005 | 0.004 | 0.002 | 0.011 | 0.002 | 1.57 | 0.004 |
| Mokau River at Awakau Rd | 10 | 0.006 | 0.007 | 0.001 | 0.010 | 0.003 | -0.55 | 0.007 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.010 | 0.010 | 0.007 | 0.016 | 0.002 | 1.61 | 0.009 |
| Mokau River at Totoro Rd Recorder | 10 | 0.006 | 0.006 | 0.004 | 0.008 | 0.002 | -0.23 | 0.006 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.010 | 0.010 | 0.005 | 0.014 | 0.005 | 0.18 | 0.010 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.006 | 0.005 | 0.002 | 0.013 | 0.003 | 1.48 | 0.005 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.007 | 0.006 | 0.002 | 0.018 | 0.004 | 1.87 | 0.004 |
| Tawarau River at Off Speedies Rd | 10 | 0.004 | 0.004 | 0.001 | 0.009 | 0.002 | 0.84 | 0.003 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.007 | 0.007 | 0.003 | 0.012 | 0.005 | 0.40 | 0.006 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.006 | 0.005 | 0.002 | 0.011 | 0.002 | 0.76 | 0.005 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.003 | 0.003 | 0.001 | 0.004 | 0.001 | -0.11 | 0.003 |
| Kuratau River at SH41 Moerangi | 9 | 0.004 | 0.004 | 0.001 | 0.005 | 0.002 | -1.23 | 0.003 |
| Kuratau River at Te Rae Street T10 | 9 | 0.004 | 0.004 | 0.003 | 0.006 | 0.001 | 0.11 | 0.004 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.008 | 0.006 | 0.001 | 0.020 | 0.003 | 1.78 | 0.007 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.001 | 0.001 | 0.001 | 0.004 | 0.000 | 2.51 | 0.001 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 3.00 | 0.001 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.00 | 0.001 |
| Waihaha River at SH32 | 9 | 0.002 | 0.002 | 0.001 | 0.004 | 0.002 | 0.68 | 0.002 |
| Waitahanui River at Blake Rd | 7 | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 2.65 | 0.001 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 0.002 | 0.001 | 0.001 | 0.006 | 0.000 | 3.00 | 0.001 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.003 | 0.003 | 0.002 | 0.005 | 0.002 | 0.39 | 0.004 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.004 | 0.003 | 0.001 | 0.007 | 0.002 | 0.66 | 0.004 |

IQR = Inter quartile range - = less than five-year record available

| Black Disk (m) | | | | | | | | |
|--|-------|------|--------|-----|-----|-----|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 3.8 | 3.5 | 1.7 | 6.2 | 3.3 | 0.18 | 3.2 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 5.1 | 5.4 | 1.8 | 9.0 | 4.5 | 0.00 | 4.2 |
| Ohinemuri River at Karangahake | 10 | 4.1 | 4.0 | 1.3 | 6.5 | 2.3 | -0.19 | - |
| Ohinemuri River at Queens Head | 10 | 4.2 | 4.8 | 1.0 | 5.8 | 0.9 | -1.36 | 3.6 |
| Ohinemuri River at SH25 Br | 10 | 3.7 | 3.9 | 1.8 | 5.8 | 1.9 | -0.10 | 3.5 |
| Tairua River at Morrisons Br Hikuai | - | - | - | - | - | - | - | - |
| Tapu River at Tapu-Coroglen Rd | 10 | 4.8 | 5.4 | 1.7 | 7.5 | 3.8 | -0.43 | 4.3 |
| Waiau River at E309 Rd Ford | 10 | 2.9 | 3.4 | 1.0 | 3.9 | 2.2 | -0.89 | 2.7 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 4.7 | 4.3 | 2.2 | 8.0 | 2.2 | 0.82 | 3.9 |
| Waiwawa River at SH25 Coroglen | 10 | 3.4 | 3.5 | 1.5 | 5.2 | 2.6 | -0.22 | 3.3 |
| Wharekawa River at SH25 | 8 | 3.3 | 3.9 | 1.4 | 5.0 | 2.5 | -0.45 | 2.5 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 1.1 | 1.2 | 0.0 | 1.8 | 1.4 | -0.59 | 0.9 |
| Oraka Stm at Lake Rd | 9 | 1.0 | 1.0 | 0.5 | 1.5 | 0.6 | 0.10 | 0.9 |
| Piako River at Kiwitahi | 11 | 2.6 | 2.9 | 0.3 | 4.2 | 1.1 | -0.83 | 1.4 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 1.2 | 1.1 | 0.4 | 2.0 | 0.5 | 0.14 | 0.9 |
| Piakonui Stm at Piakonui Rd | 11 | 1.6 | 1.8 | 0.3 | 2.4 | 1.1 | -0.62 | 1.3 |
| Waihou River at Okauia | 10 | 1.2 | 1.2 | 0.3 | 1.9 | 0.7 | -0.54 | 1.1 |
| Waihou River at Te Aroha | 11 | 1.5 | 1.4 | 0.5 | 2.6 | 1.0 | 0.20 | - |
| Waihou River at Whites Rd | 9 | 5.5 | 5.5 | 4.6 | 6.4 | 1.0 | 0.27 | 4.9 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | - | - | - | - | - | - | - | - |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 1.5 | 1.5 | 0.6 | 1.9 | 0.7 | -0.66 | 1.1 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 1.7 | 1.5 | 0.7 | 2.9 | 1.6 | 0.13 | 1.1 |
| Waitoa River at Landsdowne Rd Br | 11 | 2.6 | 2.7 | 0.5 | 4.2 | 0.8 | -0.79 | 1.4 |
| Waitoa River at Mellon Rd Recorder | 11 | 1.3 | 1.3 | 0.8 | 1.9 | 0.7 | 0.05 | 0.8 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 9 | 0.9 | 0.5 | 0.3 | 3.9 | 0.1 | 2.94 | 0.4 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 1.5 | 1.4 | 0.8 | 2.3 | 0.6 | 0.31 | 1.1 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 1.1 | 0.9 | 0.3 | 2.8 | 0.9 | 1.25 | 0.9 |
| Kirikiri Stm at Tauhara Dr | 11 | 0.6 | 0.5 | 0.3 | 0.9 | 0.4 | 0.61 | 0.4 |
| Komakorau Stm at Henry Rd | 11 | 0.2 | 0.2 | 0.1 | 0.4 | 0.1 | 1.51 | 0.1 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 2.1 | 2.2 | 0.8 | 3.2 | 1.4 | -0.45 | 1.8 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 0.5 | 0.4 | 0.1 | 1.1 | 0.2 | 1.59 | 0.5 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.8 | 0.9 | 0.1 | 1.2 | 0.3 | -1.54 | 0.8 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.9 | 0.8 | 0.4 | 1.4 | 0.2 | 0.57 | 0.9 |
| Mangaonua Stm at Hoeka Rd | 11 | 1.0 | 1.0 | 0.2 | 1.6 | 0.5 | -0.35 | 0.8 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 1.4 | 1.4 | 0.1 | 3.2 | 0.8 | 0.74 | 1.2 |
| Mangatangi River at SH2 Maramarua | 6 | 0.5 | 0.5 | 0.4 | 0.7 | 0.2 | 0.11 | 0.4 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 1.9 | 1.6 | 1.1 | 3.3 | 1.2 | 0.85 | 1.8 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.2 | 0.2 | 0.1 | 0.5 | 0.2 | 1.17 | 0.2 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.2 | 0.2 | 0.1 | 0.3 | 0.1 | -0.18 | 0.2 |
| Matahuru Stm at Waiterimu Road Below Confluence | - | - | - | - | - | - | - | - |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 0.1 | 0.1 | 0.0 | 0.3 | 0.1 | 0.56 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.9 | 0.8 | 0.4 | 1.4 | 0.2 | 0.65 | 0.9 |
| Opuatia Stm at Ponganui Rd | 9 | 0.7 | 0.6 | 0.5 | 1.2 | 0.3 | 1.24 | 0.5 |
| Pokaiwhenua Stm at Puketurua | 9 | 1.4 | 1.6 | 0.3 | 1.8 | 0.7 | -1.41 | 1.1 |
| Waahi Stm at Te Ohaki Rd | 6 | 0.2 | 0.2 | 0.2 | 0.3 | 0.1 | 0.12 | - |
| Waerenga Stm at Taniwha Rd | 10 | 1.0 | 1.0 | 0.4 | 1.8 | 0.5 | 0.38 | 0.7 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 0.4 | 0.4 | 0.3 | 0.5 | 0.1 | 0.33 | 0.3 |
| Whakapipi Stm at SH22 Br | 10 | 2.5 | 2.4 | 1.0 | 3.5 | 0.5 | -0.92 | 1.8 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.4 | 0.5 | 0.1 | 0.8 | 0.2 | -0.03 | 0.5 |
| Whangamarino River at Island Block Rd | 10 | 0.2 | 0.2 | 0.1 | 0.3 | 0.1 | 0.21 | 0.2 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.3 | 0.3 | 0.1 | 0.9 | 0.2 | 1.82 | 0.3 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.1 | 0.1 | 0.0 | 0.4 | 0.1 | 1.65 | 0.1 |

IQR = Inter quartile range - = less than five-year record available or not measured

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|-----|-----|-----|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 1.0 | 0.8 | 0.5 | 1.8 | 0.5 | 0.98 | - |
| Kaniwhaniwha Stm at Wright Rd | 9 | 1.0 | 1.0 | 0.6 | 1.5 | 0.5 | 0.28 | 0.7 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 1.4 | 1.4 | 0.6 | 2.1 | 0.5 | -0.33 | 1.4 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 1.3 | 1.2 | 0.3 | 2.5 | 1.8 | 0.22 | 0.8 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 9 | 1.1 | 0.9 | 0.1 | 2.0 | 0.7 | 0.28 | 0.6 |
| Mangapu River at Otorohanga | 7 | 1.1 | 1.4 | 0.2 | 2.3 | 1.1 | 0.26 | - |
| Mangarama at Gadsby Rd | - | - | - | - | - | - | - | - |
| Mangarapa Stm at Otorohanga Rd | 8 | 1.7 | 1.5 | 0.1 | 3.1 | 1.7 | 0.07 | 1.2 |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 2.0 | 2.0 | 0.3 | 3.4 | 1.7 | -0.16 | 1.5 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 2.9 | 2.7 | 1.8 | 4.7 | 1.3 | 0.61 | 4.3 |
| Moakururua Stm at Warratah Farm Bridge | 7 | 1.0 | 1.1 | 0.1 | 2.2 | 1.1 | 0.34 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.5 | 0.5 | 0.2 | 0.8 | 0.2 | -0.29 | 0.5 |
| Puniu River at Bartons Corner Rd Br | 11 | 1.2 | 1.1 | 0.3 | 2.3 | 1.4 | 0.25 | 0.8 |
| Puniu River at Wharepapa Rd Bridge | 9 | 1.4 | 1.6 | 0.2 | 2.5 | 1.2 | -0.03 | - |
| Waipa River at Mangaokewa Rd | 10 | 1.8 | 1.8 | 0.7 | 3.2 | 1.3 | 0.21 | 1.7 |
| Waipa River at Ngaruawahia Br | 9 | 0.6 | 0.6 | 0.2 | 1.3 | 0.3 | 1.16 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 9 | 1.0 | 1.1 | 0.5 | 1.6 | 0.7 | -0.08 | - |
| Waipa River at SH3 Otorohanga | 10 | 1.4 | 1.7 | 0.1 | 2.8 | 1.6 | -0.04 | 1.2 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.9 | 0.6 | 0.1 | 2.2 | 1.2 | 0.91 | 0.5 |
| Waitomo Stm at Tumutumu Rd | 9 | 1.2 | 1.4 | 0.2 | 2.6 | 1.3 | 0.31 | 0.9 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 1.2 | 1.3 | 0.3 | 1.7 | 0.6 | -0.99 | 1.2 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 1.0 | 1.1 | 0.5 | 1.4 | 0.3 | -0.89 | 0.9 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.8 | 0.8 | 0.4 | 1.4 | 0.3 | 0.86 | 0.8 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 1.7 | 2.0 | 0.4 | 2.8 | 0.7 | -0.71 | 1.7 |
| Otamakokore Stm at Hossack Rd | 9 | 1.3 | 1.5 | 0.8 | 1.7 | 0.7 | -0.28 | 1.2 |
| Pueto Stm at Broadlands Rd Br | 8 | 1.8 | 1.7 | 1.2 | 2.9 | 0.3 | 1.55 | 1.6 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 1.3 | 1.3 | 0.3 | 2.1 | 0.7 | -0.32 | 1.1 |
| Torepatutahi Stm at Vaile Rd Br | - | - | - | - | - | - | - | - |
| Waiotapu Stm at Campbell Rd Br | 9 | 1.2 | 1.1 | 0.7 | 1.7 | 0.5 | 0.28 | 1.1 |
| Waiotapu Stm at Homestead Rd Br | - | - | - | - | - | - | - | - |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 1.6 | 1.6 | 0.7 | 2.4 | 0.7 | -0.10 | 1.2 |
| Whirinaki Stm at Corbett Rd | - | - | - | - | - | - | - | - |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 2.2 | 2.2 | 0.2 | 4.5 | 2.9 | 0.22 | 2.2 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 1.9 | 1.2 | 0.2 | 5.0 | 2.9 | 0.89 | 1.4 |
| Manganui River at Off Manganui Rd | 9 | 1.0 | 0.8 | 0.1 | 2.9 | 1.2 | 1.04 | 1.2 |
| Mangaotaki River at SH3 Br | 10 | 1.1 | 1.1 | 0.1 | 2.9 | 1.2 | 0.89 | 0.9 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 9 | 1.3 | 1.6 | 0.1 | 2.5 | 1.9 | -0.15 | 1.0 |
| Mokau River at Awakau Rd | 10 | 0.7 | 0.7 | 0.1 | 1.3 | 0.7 | 0.12 | 0.5 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 1.3 | 1.3 | 0.3 | 2.1 | 0.7 | -0.45 | 1.1 |
| Mokau River at Totoro Rd Recorder | 10 | 1.3 | 1.1 | 0.2 | 2.9 | 1.9 | 0.36 | 0.9 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 1.0 | 1.0 | 0.3 | 1.9 | 1.3 | 0.12 | 0.6 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 1.3 | 1.2 | 0.5 | 1.9 | 0.7 | -0.33 | 1.0 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 1.5 | 1.5 | 0.2 | 3.5 | 1.9 | 0.39 | 1.6 |
| Tawarau River at Off Speedies Rd | 10 | 1.3 | 1.2 | 0.1 | 2.6 | 2.0 | 0.15 | 1.2 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 1.2 | 1.1 | 0.5 | 1.7 | 0.6 | -0.04 | 0.8 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 1.0 | 0.9 | 0.2 | 1.9 | 0.6 | 0.23 | 0.7 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 2.5 | 2.1 | 1.8 | 4.1 | 1.0 | 1.19 | 2.3 |
| Kuratau River at SH41 Moerangi | 9 | 3.4 | 3.0 | 1.8 | 5.3 | 2.3 | 0.55 | 2.6 |
| Kuratau River at Te Rae Street T10 | - | - | - | - | - | - | - | - |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 1.2 | 1.2 | 0.7 | 1.6 | 0.3 | -0.70 | 1.2 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 3.8 | 4.2 | 1.0 | 6.3 | 2.2 | -0.48 | 3.0 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | - | - | - | - | - | - | - | - |
| Tokaanu Stm at Off SH41 Turangi | - | - | - | - | - | - | - | - |
| Waihaha River at SH32 | 9 | 3.4 | 3.4 | 1.2 | 5.3 | 1.9 | -0.30 | 3.1 |
| Waitahanui River at Blake Rd | 7 | 3.4 | 3.5 | 1.7 | 4.9 | 1.7 | -0.05 | 2.7 |
| Whangamata Stm (Kinloch) at Whangamata Rd | - | - | - | - | - | - | - | - |
| Whanganui Stm at Lakeside Lake Taupo T8 | - | - | - | - | - | - | - | - |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | - | - | - | - | - | - | - | - |

IQR = Inter quartile range - = less than five-year record available or not measured

| Conductivity at 25 DegC (mS/m) | | | | | | | | |
|--|-------|------|--------|------|-------|------|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 8.5 | 8.4 | 6.7 | 10.0 | 1.3 | -0.34 | 8.2 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 7.5 | 7.7 | 5.4 | 9.7 | 3.0 | -0.26 | 7.6 |
| Ohinemuri River at Karangahake | 10 | 18.2 | 15.4 | 11.4 | 34.2 | 10.8 | 1.08 | - |
| Ohinemuri River at Queens Head | 10 | 24.8 | 17.5 | 12.9 | 43.9 | 26.1 | 0.73 | 22.6 |
| Ohinemuri River at SH25 Br | 10 | 7.8 | 7.8 | 6.8 | 9.1 | 0.9 | 0.60 | 7.6 |
| Tairua River at Morrisons Br Hikuai | 10 | 6.0 | 6.0 | 4.8 | 7.0 | 1.2 | -0.19 | 5.9 |
| Tapu River at Tapu-Coroglen Rd | 10 | 10.2 | 10.4 | 8.2 | 11.9 | 1.0 | -0.56 | 10.1 |
| Waiau River at E309 Rd Ford | 10 | 9.6 | 9.8 | 8.4 | 11.0 | 1.5 | -0.16 | 9.5 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 12.0 | 12.0 | 8.5 | 18.8 | 4.1 | 0.97 | 10.9 |
| Waiwawa River at SH25 Coroglen | 10 | 6.6 | 6.7 | 5.3 | 8.1 | 1.6 | -0.05 | 6.6 |
| Wharekawa River at SH25 | 10 | 10.7 | 7.3 | 6.1 | 34.5 | 0.9 | 2.65 | 7.2 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 11.5 | 12.0 | 7.4 | 13.0 | 2.0 | -1.72 | 11.9 |
| Oraka Stm at Lake Rd | 9 | 15.4 | 15.0 | 11.4 | 21.2 | 2.6 | 0.93 | 13.5 |
| Piako River at Kiwitahi | 11 | 14.8 | 14.7 | 12.7 | 17.3 | 3.5 | 0.07 | 15.0 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 23.6 | 24.3 | 18.8 | 29.7 | 4.8 | 0.23 | 22.3 |
| Piakonui Stm at Piakonui Rd | 11 | 8.0 | 7.0 | 5.8 | 10.7 | 2.6 | 0.48 | 7.3 |
| Waihou River at Okauia | 11 | 10.3 | 10.3 | 9.4 | 11.3 | 1.0 | 0.08 | 10.8 |
| Waihou River at Te Aroha | 11 | 11.3 | 11.6 | 9.4 | 12.1 | 0.8 | -1.53 | - |
| Waihou River at Whites Rd | 9 | 8.3 | 8.3 | 8.2 | 8.6 | 0.1 | 1.44 | 8.5 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 5.3 | 5.4 | 4.7 | 5.6 | 0.3 | -1.45 | 5.4 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 6.7 | 6.7 | 6.3 | 7.4 | 0.6 | 0.62 | 7.0 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 18.6 | 18.9 | 15.7 | 21.2 | 2.5 | -0.30 | 17.4 |
| Waitoa River at Landsdowne Rd Br | 11 | 17.6 | 16.2 | 13.3 | 22.9 | 5.6 | 0.23 | 16.4 |
| Waitoa River at Mellon Rd Recorder | 11 | 32.8 | 32.3 | 24.6 | 44.6 | 8.4 | 0.66 | 29.1 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 27.6 | 27.5 | 23.3 | 32.2 | 6.0 | 0.11 | 26.2 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 79.3 | 81.8 | 41.4 | 136.4 | 46.8 | 0.61 | 65.6 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 15.0 | 14.4 | 9.9 | 20.7 | 4.0 | 0.51 | 13.9 |
| Kirikiri Stm at Tauhara Dr | 11 | 18.2 | 19.7 | 11.6 | 20.5 | 4.3 | -1.37 | 20.2 |
| Komakorau Stm at Henry Rd | 11 | 27.7 | 26.0 | 23.4 | 36.6 | 7.0 | 0.99 | 25.6 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 10.5 | 10.5 | 10.2 | 10.9 | 0.2 | 0.60 | 10.9 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 20.5 | 20.8 | 7.8 | 31.8 | 4.2 | -0.41 | 19.5 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 12.6 | 13.8 | 7.1 | 14.3 | 1.7 | -1.97 | 13.9 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 26.4 | 26.8 | 24.3 | 27.5 | 0.8 | -1.21 | 27.1 |
| Mangaonua Stm at Hoeka Rd | 11 | 19.7 | 19.9 | 12.9 | 22.6 | 3.3 | -1.53 | 20.6 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 10.7 | 9.7 | 8.5 | 13.0 | 2.6 | 0.19 | 9.8 |
| Mangatangi River at SH2 Maramarua | 10 | 13.1 | 13.2 | 11.0 | 15.0 | 2.5 | -0.08 | 13.2 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 12.8 | 12.9 | 12.0 | 14.4 | 0.8 | 1.14 | 12.2 |
| Mangawara Stm at Rutherford Rd Br | 11 | 24.3 | 23.3 | 20.4 | 29.9 | 7.3 | 0.59 | 22.1 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 21.5 | 21.7 | 18.0 | 25.3 | 2.2 | 0.16 | 21.9 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 15.9 | 14.6 | 12.7 | 24.2 | 4.3 | 1.50 | 13.8 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 19.2 | 18.6 | 16.5 | 22.8 | 4.2 | 0.57 | - |
| Ohaeroa Stm at SH22 Br | 10 | 18.2 | 18.1 | 15.4 | 21.0 | 4.1 | 0.00 | 16.9 |
| Opuatia Stm at Ponganui Rd | 10 | 18.4 | 18.0 | 17.0 | 21.5 | 1.7 | 1.53 | 18.2 |
| Pokaiwhenua Stm at Puketurua | 9 | 11.2 | 11.5 | 9.1 | 12.1 | 0.7 | -2.03 | 11.5 |
| Waahi Stm at Te Ohaki Rd | 11 | 50.0 | 45.9 | 39.9 | 65.0 | 12.8 | 0.72 | - |
| Waerenga Stm at Taniwha Rd | 10 | 12.2 | 11.8 | 10.5 | 13.8 | 2.0 | 0.19 | 12.0 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 20.3 | 20.5 | 17.1 | 23.3 | 2.9 | -0.27 | 20.0 |
| Whakapipi Stm at SH22 Br | 10 | 20.7 | 19.3 | 18.3 | 26.0 | 4.7 | 0.99 | 20.0 |
| Whakauru Stm at U/S SH1 Br | 9 | 8.5 | 8.5 | 7.8 | 9.2 | 0.3 | 0.06 | 8.3 |
| Whangamarino River at Island Block Rd | 10 | 19.9 | 19.5 | 16.8 | 24.2 | 2.2 | 0.69 | 16.2 |
| Whangamarino River at Jefferies Rd Br | 10 | 15.6 | 15.6 | 14.4 | 17.9 | 1.4 | 1.10 | 15.6 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 23.4 | 22.7 | 16.8 | 32.9 | 4.1 | 0.92 | 21.2 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|------|------|------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 13.3 | 13.0 | 10.8 | 19.2 | 3.7 | 1.29 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 10.7 | 10.7 | 9.2 | 12.2 | 1.9 | 0.01 | 10.2 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 7.8 | 7.5 | 5.7 | 9.6 | 1.8 | -0.27 | 7.9 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 17.5 | 14.5 | 12.8 | 25.0 | 8.0 | 0.61 | 15.5 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 21.8 | 19.1 | 15.3 | 32.3 | 7.6 | 1.04 | 18.0 |
| Mangapu River at Otorohanga | 9 | 20.7 | 19.6 | 16.3 | 25.4 | 6.7 | 0.15 | 19.4 |
| Mangarama at Gadsby Rd | 10 | 23.5 | 23.6 | 18.1 | 27.5 | 4.3 | -0.47 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 17.9 | 16.6 | 12.9 | 23.1 | 4.7 | 0.35 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 6.8 | 6.8 | 5.9 | 7.4 | 0.6 | -0.63 | 6.8 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 7.0 | 6.4 | 4.4 | 9.3 | 3.0 | 0.13 | 6.6 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 11.1 | 11.2 | 9.4 | 13.7 | 1.6 | 0.79 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 24.1 | 22.5 | 17.4 | 36.3 | 5.1 | 1.23 | 17.6 |
| Puniu River at Bartons Corner Rd Br | 11 | 8.6 | 8.5 | 7.6 | 9.4 | 0.9 | -0.36 | 8.5 |
| Puniu River at Wharepapa Rd Bridge | 9 | 6.2 | 5.9 | 5.2 | 7.6 | 1.2 | 0.77 | - |
| Waipa River at Mangaokewa Rd | 10 | 5.4 | 5.0 | 4.4 | 7.1 | 1.1 | 1.19 | 5.1 |
| Waipa River at Ngaruawahia Br | 11 | 13.4 | 13.3 | 10.6 | 17.1 | 3.0 | 0.28 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 11.9 | 12.2 | 6.6 | 14.7 | 3.2 | -1.01 | - |
| Waipa River at SH3 Otorohanga | 10 | 9.1 | 9.7 | 6.2 | 11.0 | 2.3 | -0.60 | 8.4 |
| Waitomo Stm at SH31 Otorohanga | 10 | 20.0 | 19.3 | 15.8 | 24.6 | 5.7 | 0.24 | 19.2 |
| Waitomo Stm at Tumutumu Rd | 10 | 19.3 | 18.7 | 14.1 | 24.8 | 4.8 | 0.20 | 18.9 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 14.5 | 14.2 | 13.5 | 15.9 | 1.4 | 0.53 | 14.4 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 9.1 | 9.1 | 8.6 | 10.0 | 0.6 | 1.05 | 9.2 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 10.2 | 10.1 | 8.7 | 12.0 | 1.0 | 0.57 | 10.1 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 6.4 | 6.5 | 5.0 | 7.4 | 0.8 | -0.64 | 6.7 |
| Otamakokore Stm at Hossack Rd | 9 | 39.3 | 40.4 | 31.0 | 43.9 | 2.4 | -1.68 | 37.0 |
| Pueto Stm at Broadlands Rd Br | 8 | 11.9 | 11.9 | 11.3 | 12.6 | 0.2 | 1.00 | 11.9 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 7.9 | 7.9 | 7.4 | 8.2 | 0.3 | -0.96 | 8.0 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 10.0 | 9.7 | 9.5 | 10.9 | 0.8 | 0.98 | 10.4 |
| Waiotapu Stm at Campbell Rd Br | 9 | 72.3 | 72.7 | 65.3 | 76.9 | 4.0 | -0.84 | 66.9 |
| Waiotapu Stm at Homestead Rd Br | 9 | 47.7 | 48.6 | 42.5 | 51.1 | 3.5 | -0.95 | 44.2 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 44.8 | 46.2 | 39.8 | 46.7 | 2.7 | -1.47 | 43.9 |
| Whirinaki Stm at Corbett Rd | 9 | 6.9 | 6.8 | 6.6 | 7.3 | 0.2 | 1.21 | 7.1 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 7.1 | 7.1 | 5.0 | 8.5 | 1.1 | -0.56 | 7.1 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 16.9 | 14.1 | 9.9 | 30.3 | 11.5 | 1.07 | 13.7 |
| Manganui River at Off Manganui Rd | 10 | 11.6 | 11.1 | 9.0 | 15.3 | 4.5 | 0.67 | 10.8 |
| Mangaotaki River at SH3 Br | 10 | 13.7 | 13.5 | 10.6 | 16.0 | 2.0 | -0.27 | 13.7 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 14.2 | 14.2 | 10.6 | 19.1 | 4.7 | 0.36 | 14.0 |
| Mokau River at Awakau Rd | 10 | 16.0 | 12.7 | 10.7 | 25.8 | 8.9 | 1.02 | 12.8 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 6.9 | 6.7 | 5.5 | 8.3 | 1.6 | 0.16 | 6.8 |
| Mokau River at Totoro Rd Recorder | 10 | 12.8 | 11.9 | 10.4 | 15.9 | 3.0 | 0.59 | 12.2 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 12.4 | 11.3 | 10.2 | 17.0 | 2.9 | 1.17 | 11.2 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 14.9 | 14.3 | 12.9 | 17.2 | 2.4 | 0.30 | 14.0 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 8.8 | 8.4 | 5.9 | 11.9 | 3.0 | 0.29 | 8.7 |
| Tawarau River at Off Speedies Rd | 10 | 13.2 | 13.2 | 9.9 | 16.7 | 4.3 | 0.22 | 13.1 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 16.4 | 15.2 | 13.8 | 19.7 | 4.5 | 0.39 | 15.0 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 10.7 | 10.2 | 9.6 | 12.9 | 1.9 | 0.89 | 10.6 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 6.0 | 5.9 | 4.4 | 7.2 | 0.8 | -0.58 | 6.0 |
| Kuratau River at SH41 Moerangi | 9 | 4.0 | 3.8 | 3.3 | 5.2 | 0.6 | 1.12 | 4.4 |
| Kuratau River at Te Rae Street T10 | 9 | 6.6 | 6.2 | 5.6 | 8.6 | 0.7 | 1.54 | 6.8 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 12.4 | 12.5 | 11.5 | 12.7 | 0.1 | -2.67 | 12.6 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 4.6 | 4.6 | 3.2 | 6.5 | 1.1 | 0.34 | 4.7 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 12.2 | 11.9 | 10.3 | 14.4 | 2.5 | 0.37 | 12.0 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 9.9 | 9.9 | 9.5 | 10.1 | 0.2 | -1.46 | 10.2 |
| Waihaha River at SH32 | 9 | 4.6 | 4.4 | 3.7 | 5.8 | 0.6 | 0.98 | 4.6 |
| Waitahanui River at Blake Rd | 7 | 7.4 | 7.4 | 7.0 | 7.7 | 0.3 | -0.62 | 7.5 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 8.9 | 8.8 | 8.4 | 9.2 | 0.3 | -0.50 | 9.0 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 5.7 | 5.4 | 4.2 | 7.6 | 1.3 | 0.76 | 5.7 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 7.5 | 7.5 | 6.3 | 8.4 | 0.7 | -0.70 | 7.6 |

IQR = Inter quartile range - = less than five-year record available

| Dissolved Oxygen (% sat.) | | | | | | | | |
|--|-------|------|--------|-----|-----|-----|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 93 | 94 | 81 | 97 | 3 | -2.13 | 95 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 99 | 99 | 95 | 100 | 2 | -1.76 | 98 |
| Ohinemuri River at Karangahake | 10 | 109 | 105 | 101 | 127 | 14 | 0.81 | - |
| Ohinemuri River at Queens Head | 10 | 109 | 107 | 100 | 137 | 12 | 2.02 | 103 |
| Ohinemuri River at SH25 Br | 10 | 116 | 114 | 100 | 138 | 28 | 0.33 | 108 |
| Tairua River at Morrisons Br Hikuai | 10 | 98 | 98 | 94 | 104 | 6 | 0.53 | 97 |
| Tapu River at Tapu-Coroglen Rd | 10 | 102 | 101 | 99 | 108 | 2 | 1.89 | 101 |
| Waiau River at E309 Rd Ford | 10 | 101 | 101 | 97 | 105 | 3 | -0.14 | 101 |
| Waitekauri River at U/S Ohinemuri Conflu | 9 | 105 | 105 | 100 | 111 | 7 | -0.01 | 103 |
| Waiwawa River at SH25 Coroglen | 10 | 101 | 101 | 97 | 104 | 4 | -0.08 | 100 |
| Wharekawa River at SH25 | 10 | 96 | 98 | 82 | 110 | 8 | -0.34 | 97 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 98 | 98 | 94 | 101 | 3 | -0.13 | 98 |
| Oraka Stm at Lake Rd | 9 | 93 | 93 | 91 | 95 | 1 | 0.32 | 93 |
| Piako River at Kiwitahi | 11 | 79 | 84 | 48 | 103 | 35 | -0.41 | 87 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 79 | 86 | 55 | 93 | 14 | -1.22 | 84 |
| Piakonui Stm at Piakonui Rd | 11 | 100 | 100 | 97 | 103 | 2 | -0.20 | 99 |
| Waihou River at Okauia | 11 | 94 | 95 | 90 | 98 | 2 | -0.50 | 94 |
| Waihou River at Te Aroha | 11 | 89 | 89 | 81 | 94 | 3 | -1.59 | - |
| Waihou River at Whites Rd | 9 | 98 | 98 | 95 | 104 | 3 | 1.20 | 98 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 95 | 95 | 94 | 98 | 2 | 0.96 | 94 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 97 | 97 | 93 | 101 | 3 | 0.19 | 96 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 96 | 94 | 88 | 112 | 11 | 1.20 | 93 |
| Waitoa River at Landsdowne Rd Br | 11 | 92 | 93 | 74 | 127 | 15 | 1.44 | 89 |
| Waitoa River at Mellon Rd Recorder | 11 | 77 | 79 | 68 | 82 | 7 | -0.98 | 76 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 99 | 94 | 62 | 148 | 18 | 0.60 | 85 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 83 | 86 | 68 | 90 | 11 | -0.87 | 86 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 90 | 90 | 81 | 97 | 5 | -0.63 | 90 |
| Kirikiri Stm at Tauhara Dr | 11 | 76 | 77 | 70 | 84 | 8 | 0.14 | 73 |
| Komakorau Stm at Henry Rd | 11 | 68 | 66 | 57 | 78 | 15 | 0.09 | 66 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 94 | 92 | 79 | 111 | 8 | 0.53 | 97 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 89 | 89 | 82 | 95 | 8 | -0.35 | 89 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 100 | 100 | 97 | 104 | 4 | 0.21 | 99 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 81 | 81 | 72 | 84 | 2 | -2.06 | 79 |
| Mangaonua Stm at Hoeka Rd | 11 | 80 | 82 | 70 | 89 | 11 | -0.38 | 82 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 100 | 99 | 99 | 102 | 1 | 0.79 | 99 |
| Mangatangi River at SH2 Maramarua | 10 | 90 | 89 | 82 | 99 | 6 | 0.37 | 87 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 110 | 109 | 93 | 124 | 18 | -0.01 | 108 |
| Mangawara Stm at Rutherford Rd Br | 11 | 73 | 74 | 58 | 80 | 9 | -1.07 | 73 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 87 | 88 | 85 | 90 | 2 | 0.10 | 87 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 84 | 84 | 82 | 90 | 4 | 1.05 | 85 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 86 | 88 | 64 | 102 | 21 | -0.47 | - |
| Ohaeroa Stm at SH22 Br | 10 | 90 | 92 | 82 | 96 | 11 | -0.69 | 95 |
| Opuatia Stm at Ponganui Rd | 10 | 92 | 96 | 79 | 99 | 12 | -1.01 | 95 |
| Pokaiwhenua Stm at Puketurua | 9 | 97 | 96 | 90 | 106 | 8 | 0.66 | 97 |
| Waahi Stm at Te Ohaki Rd | 11 | 76 | 85 | 48 | 90 | 24 | -1.01 | - |
| Waerenga Stm at Taniwha Rd | 10 | 94 | 95 | 85 | 110 | 10 | 0.77 | 98 |
| Waitawhiriwhiri Stm at Edgumbe Street | 11 | 82 | 84 | 71 | 88 | 11 | -0.60 | 84 |
| Whakapipi Stm at SH22 Br | 10 | 86 | 90 | 64 | 107 | 24 | -0.50 | 93 |
| Whakauru Stm at U/S SH1 Br | 9 | 97 | 96 | 95 | 100 | 3 | 0.68 | 96 |
| Whangamarino River at Island Block Rd | 10 | 69 | 59 | 44 | 131 | 35 | 1.55 | 58 |
| Whangamarino River at Jefferies Rd Br | 10 | 78 | 79 | 64 | 90 | 11 | -0.46 | 79 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 86 | 87 | 58 | 101 | 21 | -0.84 | 87 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|-----|-----|-----|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 10 | 88 | 89 | 75 | 94 | 7 | -1.11 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 95 | 95 | 89 | 110 | 8 | 1.26 | 90 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 100 | 100 | 98 | 101 | 1 | -0.91 | 100 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 92 | 94 | 80 | 100 | 8 | -0.93 | 95 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 109 | 97 | 83 | 163 | 20 | 1.54 | 95 |
| Mangapu River at Otorohanga | 10 | 90 | 92 | 79 | 96 | 5 | -1.71 | 92 |
| Mangarama at Gadsby Rd | 10 | 108 | 108 | 74 | 134 | 30 | -0.38 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 94 | 98 | 61 | 113 | 11 | -1.30 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 97 | 97 | 93 | 100 | 3 | -0.45 | 96 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 99 | 99 | 95 | 101 | 1 | -1.50 | 99 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 95 | 96 | 88 | 100 | 6 | -0.18 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 53 | 57 | 28 | 73 | 28 | -0.47 | 53 |
| Puniu River at Bartons Corner Rd Br | 11 | 96 | 93 | 89 | 106 | 5 | 1.21 | 93 |
| Puniu River at Wharepapa Rd Bridge | 9 | 105 | 104 | 98 | 114 | 5 | 0.82 | - |
| Waipa River at Mangaokewa Rd | 10 | 100 | 101 | 91 | 105 | 2 | -1.28 | 101 |
| Waipa River at Ngaruawahia Br | 11 | 88 | 89 | 79 | 101 | 6 | 0.72 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 92 | 93 | 86 | 95 | 4 | -0.72 | - |
| Waipa River at SH3 Otorohanga | 10 | 102 | 102 | 89 | 111 | 12 | -0.38 | 99 |
| Waitomo Stm at SH31 Otorohanga | 10 | 97 | 96 | 91 | 112 | 5 | 1.97 | 94 |
| Waitomo Stm at Tumutumu Rd | 10 | 98 | 98 | 94 | 103 | 1 | 0.04 | 99 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 87 | 87 | 84 | 89 | 2 | -0.20 | 87 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 94 | 94 | 91 | 95 | 1 | -1.58 | 94 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 92 | 92 | 85 | 94 | 2 | -2.21 | 92 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 103 | 103 | 99 | 104 | 1 | -1.79 | 103 |
| Otamakokore Stm at Hossack Rd | 9 | 98 | 100 | 85 | 113 | 16 | 0.17 | 94 |
| Pueto Stm at Broadlands Rd Br | 8 | 94 | 95 | 89 | 96 | 2 | -1.98 | 94 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 103 | 103 | 99 | 110 | 5 | 0.70 | 101 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 98 | 98 | 87 | 108 | 10 | -0.29 | 95 |
| Waiotapu Stm at Campbell Rd Br | 9 | 89 | 89 | 86 | 92 | 2 | 0.06 | 88 |
| Waiotapu Stm at Homestead Rd Br | 9 | 88 | 86 | 78 | 103 | 10 | 0.63 | 85 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 100 | 99 | 98 | 102 | 3 | 0.72 | 99 |
| Whirinaki Stm at Corbett Rd | 9 | 97 | 97 | 88 | 101 | 3 | -2.03 | 99 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 100 | 101 | 91 | 109 | 3 | -0.45 | 101 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 102 | 101 | 97 | 116 | 3 | 2.06 | 101 |
| Manganui River at Off Manganui Rd | 10 | 97 | 98 | 87 | 102 | 5 | -1.01 | 99 |
| Mangaotaki River at SH3 Br | 10 | 100 | 101 | 90 | 105 | 2 | -1.29 | 102 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 103 | 102 | 97 | 110 | 3 | 0.69 | 102 |
| Mokau River at Awakau Rd | 10 | 93 | 96 | 77 | 100 | 3 | -2.11 | 95 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 97 | 98 | 88 | 103 | 2 | -1.19 | 98 |
| Mokau River at Totoro Rd Recorder | 10 | 101 | 103 | 87 | 106 | 4 | -1.52 | 102 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 93 | 92 | 76 | 106 | 12 | -0.46 | 92 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 98 | 99 | 90 | 107 | 3 | 0.33 | 96 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 100 | 101 | 96 | 106 | 6 | 0.07 | 102 |
| Tawarau River at Off Speedies Rd | 10 | 103 | 104 | 97 | 108 | 5 | -0.57 | 103 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 99 | 98 | 90 | 111 | 10 | 0.16 | 95 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 98 | 98 | 91 | 101 | 2 | -1.99 | 98 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 101 | 102 | 97 | 105 | 3 | -0.61 | 99 |
| Kuratau River at SH41 Moerangi | 9 | 95 | 95 | 90 | 98 | 2 | -0.96 | 94 |
| Kuratau River at Te Rae Street T10 | 9 | 100 | 101 | 92 | 105 | 5 | -1.14 | 99 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 88 | 89 | 85 | 91 | 4 | -0.38 | 87 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 98 | 99 | 91 | 100 | 4 | -1.47 | 98 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 105 | 104 | 97 | 118 | 9 | 0.72 | 99 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 81 | 81 | 78 | 83 | 3 | -0.71 | 82 |
| Waihaha River at SH32 | 9 | 103 | 102 | 100 | 110 | 3 | 1.50 | 101 |
| Waitahanui River at Blake Rd | 7 | 100 | 100 | 98 | 101 | 1 | -0.29 | 98 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 94 | 94 | 93 | 96 | 1 | 0.66 | 94 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 99 | 100 | 93 | 106 | 5 | -0.01 | 100 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 97 | 97 | 95 | 99 | 4 | -0.02 | 96 |

IQR = Inter quartile range - = less than five-year record available

| Dissolved Oxygen (g/m ³) | | | | | | | | |
|--|-------|------|--------|------|------|-----|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 9.5 | 9.8 | 7.6 | 10.8 | 1.5 | -0.58 | 10.0 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 10.0 | 10.5 | 8.7 | 11.3 | 1.7 | -0.29 | 10.2 |
| Ohinemuri River at Karangahake | 10 | 10.6 | 10.5 | 10.1 | 11.4 | 0.4 | 0.86 | - |
| Ohinemuri River at Queens Head | 10 | 10.5 | 10.5 | 9.6 | 11.5 | 1.0 | 0.27 | 10.4 |
| Ohinemuri River at SH25 Br | 10 | 11.1 | 10.9 | 10.2 | 12.6 | 0.9 | 0.99 | 10.6 |
| Tairua River at Morrisons Br Hikuai | 10 | 9.7 | 10.1 | 8.2 | 10.8 | 1.3 | -0.68 | 9.9 |
| Tapu River at Tapu-Coroglen Rd | 10 | 10.3 | 10.4 | 9.3 | 11.7 | 1.3 | 0.27 | 10.4 |
| Waiau River at E309 Rd Ford | 10 | 10.4 | 10.5 | 9.2 | 11.5 | 1.1 | 0.09 | 10.5 |
| Waitekauri River at U/S Ohinemuri Conflu | 9 | 10.3 | 10.5 | 9.2 | 11.3 | 0.9 | -0.27 | 10.3 |
| Waiwawa River at SH25 Coroglen | 10 | 10.0 | 10.3 | 8.8 | 11.1 | 1.4 | -0.24 | 10.2 |
| Wharekawa River at SH25 | 10 | 9.4 | 9.7 | 7.6 | 10.4 | 1.0 | -1.21 | 9.8 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 9.6 | 9.7 | 8.5 | 11.0 | 1.2 | 0.15 | 9.9 |
| Oraka Stm at Lake Rd | 9 | 9.4 | 9.3 | 8.9 | 10.5 | 0.7 | 1.05 | 9.5 |
| Piako River at Kiwitahi | 11 | 8.1 | 9.0 | 4.4 | 11.2 | 3.9 | -0.43 | 9.1 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 8.3 | 8.9 | 5.1 | 10.6 | 2.9 | -0.61 | 8.4 |
| Piakonui Stm at Piakonui Rd | 11 | 10.5 | 10.1 | 9.5 | 11.5 | 1.3 | 0.27 | 10.3 |
| Waihou River at Okauia | 11 | 9.8 | 9.4 | 9.2 | 10.6 | 1.3 | 0.31 | 9.8 |
| Waihou River at Te Aroha | 11 | 9.3 | 9.2 | 8.2 | 10.4 | 1.2 | 0.12 | - |
| Waihou River at Whites Rd | 9 | 10.3 | 10.2 | 9.9 | 11.0 | 0.6 | 0.70 | 10.3 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 10.1 | 9.9 | 9.2 | 11.5 | 1.0 | 0.79 | 9.9 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 10.2 | 9.8 | 9.3 | 11.3 | 1.5 | 0.40 | 9.9 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 9.5 | 9.6 | 8.1 | 10.9 | 1.1 | 0.01 | 9.2 |
| Waitoa River at Landsdowne Rd Br | 11 | 9.5 | 9.7 | 7.3 | 11.8 | 2.4 | -0.27 | 9.3 |
| Waitoa River at Mellon Rd Recorder | 11 | 7.9 | 7.6 | 6.4 | 9.3 | 1.9 | -0.05 | 7.8 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 9.3 | 9.5 | 5.8 | 12.4 | 1.7 | -0.66 | 8.6 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 8.4 | 9.1 | 6.5 | 9.9 | 2.3 | -0.44 | 8.4 |
| Kirapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 9.3 | 9.3 | 7.5 | 10.8 | 1.6 | -0.29 | 9.1 |
| Kirikiri Stm at Tauhara Dr | 11 | 7.7 | 7.9 | 6.7 | 8.7 | 1.4 | -0.10 | 7.4 |
| Komakorau Stm at Henry Rd | 11 | 6.9 | 6.5 | 5.0 | 8.6 | 2.6 | 0.05 | 6.5 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 9.6 | 9.4 | 8.0 | 11.5 | 1.3 | 0.21 | 10.2 |
| Mangakotukutuku Stm (Rukuhia) at Peacockes Rd | 11 | 9.1 | 9.1 | 7.5 | 10.0 | 1.0 | -0.70 | 8.8 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 10.1 | 9.7 | 9.4 | 11.2 | 1.0 | 0.72 | 10.0 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 8.2 | 8.5 | 6.7 | 9.1 | 1.0 | -0.85 | 7.9 |
| Mangaonua Stm at Hoeka Rd | 11 | 8.4 | 8.1 | 6.9 | 9.7 | 2.3 | -0.13 | 8.3 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 10.3 | 10.1 | 9.4 | 11.4 | 1.4 | 0.26 | 10.3 |
| Mangatangi River at SH2 Maramara | 10 | 8.7 | 8.5 | 7.5 | 10.4 | 1.8 | 0.36 | 8.6 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 10.6 | 10.9 | 8.8 | 12.2 | 2.5 | -0.43 | 10.5 |
| Mangawara Stm at Rutherford Rd Br | 11 | 7.4 | 7.3 | 5.6 | 9.0 | 2.1 | -0.30 | 7.3 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 9.1 | 9.0 | 8.2 | 10.0 | 1.2 | 0.19 | 8.9 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 8.7 | 8.5 | 7.7 | 10.0 | 1.6 | 0.39 | 8.5 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 8.2 | 8.0 | 5.6 | 10.6 | 4.1 | 0.05 | - |
| Ohaeroa Stm at SH22 Br | 10 | 9.0 | 9.4 | 7.4 | 10.6 | 1.9 | -0.24 | 9.7 |
| Opuatia Stm at Ponganui Rd | 10 | 9.2 | 9.7 | 7.0 | 10.9 | 2.6 | -0.50 | 9.7 |
| Pokaiwhenua Stm at Puketurua | 9 | 10.0 | 9.8 | 9.1 | 11.1 | 1.1 | 0.37 | 10.1 |
| Waahi Stm at Te Ohaki Rd | 11 | 7.6 | 7.7 | 4.3 | 9.5 | 3.2 | -0.72 | - |
| Waerenga Stm at Taniwha Rd | 10 | 9.4 | 9.4 | 7.7 | 11.9 | 2.2 | 0.48 | 9.9 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 8.1 | 8.3 | 6.7 | 9.2 | 1.8 | -0.31 | 8.2 |
| Whakapipi Stm at SH22 Br | 10 | 8.5 | 8.9 | 5.7 | 11.1 | 3.2 | -0.25 | 9.5 |
| Whakauru Stm at U/S SH1 Br | 9 | 10.0 | 9.7 | 9.1 | 11.2 | 1.2 | 0.56 | 10.0 |
| Whangamarino River at Island Block Rd | 10 | 6.4 | 5.7 | 4.0 | 10.9 | 3.1 | 0.98 | 5.7 |
| Whangamarino River at Jefferies Rd Br | 10 | 7.8 | 7.9 | 5.7 | 9.7 | 2.6 | -0.18 | 8.1 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 8.3 | 8.1 | 5.1 | 10.9 | 3.7 | -0.13 | 8.5 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|------|------|-----|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 9.2 | 9.1 | 7.3 | 10.7 | 2.5 | -0.22 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 9.7 | 9.6 | 8.5 | 11.0 | 1.7 | 0.11 | 9.1 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 9.9 | 9.9 | 8.8 | 10.7 | 0.6 | -0.66 | 10.0 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 9.5 | 9.7 | 7.8 | 10.5 | 1.7 | -0.71 | 9.9 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 10.2 | 9.7 | 7.8 | 14.2 | 0.8 | 1.43 | 9.4 |
| Mangapu River at Otorohanga | 10 | 8.9 | 9.0 | 7.3 | 10.4 | 0.9 | -0.14 | 9.1 |
| Mangarama at Gadsby Rd | 10 | 10.7 | 11.1 | 6.8 | 12.9 | 2.1 | -1.14 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 9.3 | 9.3 | 5.5 | 11.4 | 1.4 | -1.49 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 9.8 | 10.0 | 8.3 | 11.1 | 1.0 | -0.42 | 9.8 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 10.3 | 10.4 | 9.4 | 11.1 | 1.1 | -0.14 | 10.4 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 9.6 | 9.5 | 8.0 | 10.8 | 1.1 | -0.44 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 5.5 | 5.6 | 2.7 | 7.9 | 3.6 | -0.34 | 5.5 |
| Puniu River at Bartons Corner Rd Br | 11 | 9.5 | 9.6 | 8.4 | 10.4 | 1.0 | -0.35 | 9.4 |
| Puniu River at Wharepapa Rd Bridge | 9 | 10.5 | 10.3 | 9.5 | 11.5 | 1.1 | 0.14 | - |
| Waipa River at Mangaokewa Rd | 10 | 9.8 | 10.0 | 8.3 | 10.8 | 1.6 | -0.29 | 10.2 |
| Waipa River at Ngaruawahia Br | 11 | 9.0 | 9.1 | 7.2 | 10.1 | 1.5 | -0.58 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 9.2 | 9.2 | 7.6 | 10.6 | 1.2 | -0.11 | - |
| Waipa River at SH3 Otorohanga | 10 | 10.0 | 10.1 | 8.2 | 11.0 | 1.0 | -1.15 | 10.1 |
| Waitomo Stm at SH31 Otorohanga | 10 | 9.6 | 9.7 | 8.6 | 10.2 | 0.5 | -1.45 | 9.7 |
| Waitomo Stm at Tumutumu Rd | 10 | 10.1 | 10.1 | 9.4 | 10.5 | 0.6 | -0.51 | 10.2 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 8.5 | 8.3 | 8.0 | 9.3 | 0.6 | 0.91 | 8.4 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 9.7 | 9.6 | 9.2 | 10.4 | 0.8 | 0.62 | 9.6 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 9.5 | 9.3 | 8.7 | 10.5 | 0.9 | 0.58 | 9.3 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 10.7 | 10.8 | 9.9 | 11.8 | 1.2 | 0.21 | 10.8 |
| Otamakokore Stm at Hossack Rd | 9 | 8.6 | 8.7 | 7.5 | 9.8 | 1.1 | 0.21 | 8.3 |
| Pueto Stm at Broadlands Rd Br | 8 | 9.6 | 9.5 | 9.2 | 10.3 | 0.8 | 0.61 | 9.5 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 10.5 | 10.2 | 10.0 | 11.5 | 0.9 | 0.95 | 10.3 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 9.8 | 9.8 | 8.6 | 11.0 | 0.5 | -0.05 | 9.6 |
| Waiotapu Stm at Campbell Rd Br | 9 | 6.9 | 6.8 | 6.4 | 7.8 | 0.5 | 1.37 | 6.7 |
| Waiotapu Stm at Homestead Rd Br | 9 | 8.3 | 8.4 | 7.2 | 9.2 | 0.7 | -0.41 | 8.0 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 8.5 | 8.4 | 8.3 | 9.0 | 0.4 | 0.86 | 8.4 |
| Whirinaki Stm at Corbett Rd | 9 | 10.1 | 9.9 | 9.7 | 10.8 | 0.6 | 0.87 | 10.2 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 10.3 | 10.6 | 8.7 | 11.0 | 0.7 | -1.37 | 10.6 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 10.2 | 10.4 | 9.0 | 10.9 | 0.4 | -1.37 | 10.4 |
| Manganui River at Off Manganui Rd | 10 | 9.9 | 10.3 | 8.5 | 10.5 | 0.9 | -1.15 | 10.2 |
| Mangaotaki River at SH3 Br | 10 | 10.3 | 10.5 | 8.6 | 11.1 | 0.8 | -1.27 | 10.5 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 10.5 | 10.6 | 9.8 | 11.5 | 0.7 | 0.40 | 10.7 |
| Mokau River at Awakau Rd | 10 | 9.3 | 9.7 | 7.3 | 10.5 | 2.1 | -0.62 | 9.7 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 9.9 | 10.2 | 8.1 | 10.8 | 1.3 | -0.83 | 10.3 |
| Mokau River at Totoro Rd Recorder | 9 | 10.3 | 10.7 | 8.9 | 11.1 | 1.1 | -0.98 | 10.5 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 9.2 | 9.6 | 6.4 | 10.6 | 1.3 | -1.34 | 9.5 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 10.3 | 10.4 | 8.8 | 12.2 | 1.8 | 0.28 | 10.1 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 10.2 | 10.2 | 8.6 | 11.3 | 1.1 | -0.47 | 10.6 |
| Tawarau River at Off Speedies Rd | 10 | 10.6 | 10.6 | 9.9 | 11.6 | 0.8 | 0.53 | 10.7 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 10.0 | 10.1 | 8.1 | 11.4 | 1.3 | -0.54 | 9.8 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 10.2 | 10.2 | 8.8 | 11.3 | 1.7 | -0.17 | 10.1 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 10.6 | 10.8 | 9.4 | 12.1 | 1.1 | 0.04 | 10.5 |
| Kuratau River at SH41 Moerangi | 9 | 9.9 | 10.0 | 8.6 | 11.0 | 1.1 | -0.43 | 9.9 |
| Kuratau River at Te Rae Street T10 | 9 | 10.0 | 10.4 | 7.9 | 11.5 | 1.4 | -0.75 | 9.9 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 9.4 | 9.5 | 8.6 | 10.3 | 0.9 | 0.10 | 9.3 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 10.4 | 10.5 | 8.4 | 11.9 | 1.7 | -0.51 | 10.4 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 10.7 | 10.6 | 9.4 | 13.2 | 1.2 | 1.34 | 10.3 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 8.3 | 8.3 | 7.7 | 8.8 | 0.5 | -0.53 | 8.5 |
| Waihaha River at SH32 | 9 | 10.6 | 10.7 | 9.4 | 11.6 | 1.1 | -0.48 | 10.6 |
| Waitahanui River at Blake Rd | 7 | 10.5 | 10.4 | 10.1 | 10.8 | 0.6 | 0.06 | 10.5 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 10.1 | 10.1 | 9.6 | 11.1 | 0.6 | 1.01 | 10.1 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 10.2 | 10.3 | 8.4 | 11.6 | 1.7 | -0.33 | 10.6 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 10.2 | 10.3 | 9.1 | 11.3 | 1.4 | -0.09 | 10.1 |

IQR = Inter quartile range - = less than five-year record available

| Dissolved Reactive Phosphorus (g/m ³) | | | | | | | | |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.003 | 0.002 | 0.002 | 0.005 | 0.000 | 1.98 | 0.002 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Ohinemuri River at Karangahake | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | - |
| Ohinemuri River at Queens Head | 10 | 0.003 | 0.002 | 0.002 | 0.009 | 0.000 | 2.14 | 0.002 |
| Ohinemuri River at SH25 Br | 10 | 0.003 | 0.002 | 0.002 | 0.006 | 0.000 | 2.28 | 0.005 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Waiau River at E309 Rd Ford | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Waiwawa River at SH25 Coroglen | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Wharekawa River at SH25 | 10 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.031 | 0.031 | 0.022 | 0.040 | 0.010 | 0.17 | 0.035 |
| Oraka Stm at Lake Rd | 9 | 0.323 | 0.330 | 0.059 | 0.680 | 0.287 | 0.43 | 0.085 |
| Piako River at Kiwitahi | 11 | 0.031 | 0.024 | 0.015 | 0.090 | 0.009 | 2.68 | 0.029 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 0.157 | 0.134 | 0.047 | 0.420 | 0.112 | 1.52 | 0.126 |
| Piakonui Stm at Piakonui Rd | 11 | 0.011 | 0.010 | 0.006 | 0.018 | 0.007 | 0.55 | 0.010 |
| Waihou River at Okauia | 11 | 0.086 | 0.089 | 0.053 | 0.114 | 0.031 | -0.57 | 0.063 |
| Waihou River at Te Aroha | 11 | 0.075 | 0.071 | 0.056 | 0.097 | 0.019 | 0.45 | - |
| Waihou River at Whites Rd | 9 | 0.068 | 0.068 | 0.064 | 0.073 | 0.005 | 0.11 | 0.070 |
| Waihotu Stm at Waihotu Rd (Off SH5) | 9 | 0.011 | 0.011 | 0.008 | 0.017 | 0.005 | 0.87 | 0.011 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.016 | 0.016 | 0.012 | 0.021 | 0.005 | 0.14 | 0.016 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.015 | 0.016 | 0.009 | 0.023 | 0.006 | 0.40 | 0.018 |
| Waitoa River at Landsdowne Rd Br | 11 | 0.018 | 0.015 | 0.002 | 0.061 | 0.012 | 2.13 | 0.018 |
| Waitoa River at Mellon Rd Recorder | 11 | 0.050 | 0.052 | 0.023 | 0.095 | 0.030 | 0.78 | 0.052 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 0.003 | 0.002 | 0.002 | 0.006 | 0.002 | 1.38 | 0.002 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | 0.002 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.039 | 0.035 | 0.018 | 0.065 | 0.020 | 0.53 | 0.040 |
| Kirikiri Stm at Tauhara Dr | 11 | 0.010 | 0.010 | 0.002 | 0.016 | 0.004 | -0.43 | 0.010 |
| Komakorau Stm at Henry Rd | 11 | 0.005 | 0.004 | 0.002 | 0.016 | 0.006 | 1.54 | 0.008 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 0.048 | 0.051 | 0.032 | 0.059 | 0.015 | -0.44 | 0.051 |
| Mangakotukutuku Stm (Rukuhia) at Peacockes Rd | 11 | 0.238 | 0.098 | 0.044 | 0.750 | 0.402 | 1.15 | 0.197 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.197 | 0.171 | 0.136 | 0.290 | 0.078 | 0.66 | 0.172 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.057 | 0.056 | 0.042 | 0.078 | 0.023 | 0.31 | 0.061 |
| Mangaonua Stm at Hoeka Rd | 11 | 0.013 | 0.009 | 0.002 | 0.060 | 0.003 | 3.17 | 0.009 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.012 | 0.012 | 0.007 | 0.020 | 0.006 | 0.56 | 0.012 |
| Mangatangi River at SH2 Maramara | 10 | 0.015 | 0.014 | 0.008 | 0.033 | 0.011 | 1.37 | 0.018 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.009 | 0.008 | 0.004 | 0.014 | 0.004 | 0.21 | 0.010 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.025 | 0.028 | 0.010 | 0.046 | 0.025 | 0.24 | 0.041 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.042 | 0.028 | 0.011 | 0.083 | 0.052 | 0.53 | 0.036 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.016 | 0.013 | 0.010 | 0.030 | 0.008 | 1.63 | 0.021 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 0.003 | 0.002 | 0.002 | 0.005 | 0.000 | 1.98 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.007 | 0.007 | 0.002 | 0.015 | 0.003 | 0.78 | 0.007 |
| Opuatia Stm at Ponganui Rd | 10 | 0.004 | 0.004 | 0.002 | 0.007 | 0.003 | 0.42 | 0.005 |
| Pokaiwhenua Stm at Puketurua | 9 | 0.076 | 0.076 | 0.067 | 0.088 | 0.012 | 0.37 | 0.081 |
| Waahi Stm at Te Ohaki Rd | 11 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.00 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.014 | 0.017 | 0.002 | 0.025 | 0.007 | -0.64 | 0.017 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 0.023 | 0.018 | 0.010 | 0.071 | 0.015 | 2.44 | 0.020 |
| Whakapipi Stm at SH22 Br | 10 | 0.031 | 0.024 | 0.014 | 0.066 | 0.023 | 1.10 | 0.024 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.043 | 0.028 | 0.025 | 0.160 | 0.008 | 2.97 | 0.030 |
| Whangamarino River at Island Block Rd | 10 | 0.006 | 0.005 | 0.002 | 0.014 | 0.008 | 0.64 | 0.005 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.023 | 0.020 | 0.010 | 0.050 | 0.007 | 1.76 | 0.024 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.004 | 0.002 | 0.002 | 0.013 | 0.002 | 2.08 | 0.002 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.004 | 0.004 | 0.002 | 0.006 | 0.003 | 0.04 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.004 | 0.005 | 0.002 | 0.006 | 0.003 | -0.57 | 0.006 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.036 | 0.029 | 0.014 | 0.055 | 0.026 | 0.03 | 0.035 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.013 | 0.013 | 0.006 | 0.019 | 0.006 | -0.06 | 0.013 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 0.079 | 0.047 | 0.019 | 0.230 | 0.075 | 1.38 | 0.083 |
| Mangapu River at Otorohanga | 9 | 0.022 | 0.012 | 0.005 | 0.099 | 0.007 | 2.87 | 0.016 |
| Mangarama at Gadsby Rd | 10 | 0.008 | 0.008 | 0.002 | 0.027 | 0.005 | 2.26 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 0.010 | 0.010 | 0.005 | 0.024 | 0.008 | 1.55 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.008 | 0.007 | 0.004 | 0.011 | 0.006 | 0.12 | 0.009 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.005 | 0.005 | 0.002 | 0.010 | 0.005 | 0.45 | 0.005 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 0.007 | 0.006 | 0.002 | 0.012 | 0.004 | 0.52 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.008 | 0.006 | 0.002 | 0.016 | 0.013 | 0.14 | 0.017 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.020 | 0.019 | 0.013 | 0.029 | 0.006 | 0.53 | 0.019 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.020 | 0.017 | 0.013 | 0.034 | 0.011 | 1.10 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.004 | 0.002 | 0.002 | 0.010 | 0.003 | 1.94 | 0.004 |
| Waipa River at Ngaruawahia Br | 11 | 0.012 | 0.012 | 0.007 | 0.016 | 0.005 | -0.21 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.010 | 0.010 | 0.007 | 0.016 | 0.003 | 1.37 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.006 | 0.005 | 0.002 | 0.015 | 0.007 | 1.09 | 0.007 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.006 | 0.007 | 0.002 | 0.009 | 0.002 | -0.78 | 0.006 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.007 | 0.008 | 0.004 | 0.010 | 0.002 | -0.37 | 0.009 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 0.046 | 0.038 | 0.030 | 0.113 | 0.011 | 2.77 | 0.043 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.039 | 0.028 | 0.024 | 0.110 | 0.009 | 2.51 | 0.029 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.044 | 0.042 | 0.036 | 0.067 | 0.005 | 2.32 | 0.042 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.036 | 0.035 | 0.020 | 0.049 | 0.017 | -0.01 | 0.036 |
| Otamakokore Stm at Hossack Rd | 9 | 0.134 | 0.138 | 0.118 | 0.143 | 0.010 | -1.30 | 0.140 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.061 | 0.061 | 0.057 | 0.066 | 0.004 | 0.79 | 0.061 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.032 | 0.030 | 0.026 | 0.040 | 0.008 | 0.41 | 0.033 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.075 | 0.075 | 0.069 | 0.082 | 0.005 | 0.50 | 0.074 |
| Waiotapu Stm at Campbell Rd Br | 9 | 0.003 | 0.002 | 0.002 | 0.005 | 0.003 | 0.27 | 0.002 |
| Waiotapu Stm at Homestead Rd Br | 9 | 0.031 | 0.034 | 0.012 | 0.050 | 0.018 | -0.24 | 0.030 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 0.076 | 0.072 | 0.062 | 0.098 | 0.015 | 0.91 | 0.078 |
| Whirinaki Stm at Corbett Rd | 9 | 0.055 | 0.054 | 0.050 | 0.066 | 0.004 | 1.60 | 0.057 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.011 | 0.011 | 0.008 | 0.016 | 0.003 | 0.92 | 0.012 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.007 | 0.007 | 0.002 | 0.012 | 0.005 | -0.06 | 0.008 |
| Manganui River at Off Manganui Rd | 10 | 0.012 | 0.011 | 0.008 | 0.016 | 0.003 | 0.37 | 0.012 |
| Mangaotaki River at SH3 Br | 10 | 0.009 | 0.009 | 0.005 | 0.016 | 0.002 | 1.11 | 0.010 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.011 | 0.011 | 0.007 | 0.015 | 0.004 | 0.00 | 0.013 |
| Mokau River at Awakau Rd | 10 | 0.005 | 0.006 | 0.002 | 0.009 | 0.005 | -0.22 | 0.007 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.016 | 0.013 | 0.008 | 0.032 | 0.005 | 1.52 | 0.013 |
| Mokau River at Totoro Rd Recorder | 10 | 0.007 | 0.007 | 0.002 | 0.013 | 0.005 | 0.00 | 0.010 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.007 | 0.008 | 0.002 | 0.014 | 0.006 | 0.03 | 0.008 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.018 | 0.017 | 0.010 | 0.025 | 0.006 | 0.35 | 0.019 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.005 | 0.006 | 0.002 | 0.009 | 0.005 | 0.09 | 0.006 |
| Tawarau River at Off Speedies Rd | 10 | 0.012 | 0.012 | 0.008 | 0.016 | 0.003 | -0.27 | 0.013 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.008 | 0.008 | 0.006 | 0.010 | 0.002 | 0.20 | 0.009 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.010 | 0.010 | 0.007 | 0.012 | 0.003 | -0.43 | 0.011 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.023 | 0.021 | 0.018 | 0.030 | 0.007 | 0.51 | 0.023 |
| Kuratau River at SH41 Moerangi | 9 | 0.002 | 0.002 | 0.002 | 0.005 | 0.000 | 3.00 | 0.002 |
| Kuratau River at Te Rae Street T10 | 9 | 0.004 | 0.002 | 0.002 | 0.012 | 0.004 | 1.67 | 0.005 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.110 | 0.111 | 0.099 | 0.120 | 0.012 | -0.15 | 0.119 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.011 | 0.011 | 0.008 | 0.014 | 0.002 | -0.26 | 0.012 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.003 | 0.002 | 0.002 | 0.005 | 0.002 | 1.09 | 0.002 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.068 | 0.068 | 0.066 | 0.072 | 0.003 | 0.65 | 0.074 |
| Waihaha River at SH32 | 9 | 0.015 | 0.013 | 0.010 | 0.029 | 0.007 | 1.61 | 0.016 |
| Waitahanui River at Blake Rd | 7 | 0.039 | 0.039 | 0.036 | 0.044 | 0.005 | 0.62 | 0.040 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 0.066 | 0.067 | 0.059 | 0.070 | 0.007 | -0.96 | 0.065 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.008 | 0.007 | 0.002 | 0.016 | 0.006 | 0.87 | 0.008 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.019 | 0.020 | 0.015 | 0.022 | 0.004 | -0.45 | 0.018 |

IQR = Inter quartile range - = less than five-year record available

| Total Phosphorus (g/m ³) | | | | | | | | |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.009 | 0.010 | 0.002 | 0.015 | 0.004 | -0.42 | 0.008 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.003 | 0.002 | 0.002 | 0.005 | 0.002 | 1.18 | 0.004 |
| Ohinemuri River at Karangahake | 10 | 0.013 | 0.008 | 0.005 | 0.048 | 0.005 | 2.56 | - |
| Ohinemuri River at Queens Head | 10 | 0.013 | 0.009 | 0.006 | 0.043 | 0.006 | 2.71 | 0.010 |
| Ohinemuri River at SH25 Br | 10 | 0.010 | 0.010 | 0.008 | 0.018 | 0.003 | 1.88 | 0.011 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.004 | 0.005 | 0.002 | 0.007 | 0.004 | 0.01 | 0.004 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.005 | 0.005 | 0.002 | 0.009 | 0.004 | 0.54 | 0.004 |
| Waiau River at E309 Rd Ford | 10 | 0.008 | 0.006 | 0.002 | 0.015 | 0.004 | 0.75 | 0.007 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.005 | 0.005 | 0.002 | 0.009 | 0.005 | 0.18 | 0.006 |
| Waiwawa River at SH25 Coroglen | 10 | 0.005 | 0.005 | 0.002 | 0.009 | 0.002 | 0.97 | 0.004 |
| Wharekawa River at SH25 | 10 | 0.006 | 0.007 | 0.002 | 0.010 | 0.004 | -0.46 | 0.006 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.070 | 0.052 | 0.040 | 0.250 | 0.011 | 3.11 | 0.049 |
| Oraka Stm at Lake Rd | 9 | 0.371 | 0.380 | 0.086 | 0.730 | 0.322 | 0.31 | 0.141 |
| Piako River at Kiwitahi | 11 | 0.064 | 0.044 | 0.037 | 0.240 | 0.012 | 3.12 | 0.061 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 0.236 | 0.193 | 0.106 | 0.550 | 0.140 | 1.59 | 0.250 |
| Piakonui Stm at Piakonui Rd | 11 | 0.028 | 0.023 | 0.014 | 0.091 | 0.010 | 3.03 | 0.021 |
| Waihou River at Okauia | 11 | 0.118 | 0.125 | 0.068 | 0.172 | 0.054 | -0.20 | 0.090 |
| Waihou River at Te Aroha | 11 | 0.108 | 0.109 | 0.085 | 0.136 | 0.032 | 0.14 | - |
| Waihou River at Whites Rd | 9 | 0.076 | 0.076 | 0.068 | 0.084 | 0.006 | 0.36 | 0.076 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 0.031 | 0.027 | 0.018 | 0.053 | 0.012 | 1.29 | 0.028 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.036 | 0.032 | 0.026 | 0.056 | 0.014 | 1.16 | 0.033 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.046 | 0.048 | 0.028 | 0.072 | 0.026 | 0.25 | 0.052 |
| Waitoa River at Landsdowne Rd Br | 11 | 0.048 | 0.036 | 0.012 | 0.184 | 0.032 | 2.64 | 0.048 |
| Waitoa River at Mellon Rd Recorder | 11 | 0.101 | 0.100 | 0.057 | 0.165 | 0.055 | 0.62 | 0.130 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 0.050 | 0.028 | 0.010 | 0.260 | 0.021 | 3.00 | 0.038 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.011 | 0.009 | 0.004 | 0.026 | 0.010 | 1.16 | 0.011 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.092 | 0.088 | 0.058 | 0.122 | 0.038 | 0.19 | 0.094 |
| Kirikiri Stm at Tauhara Dr | 11 | 0.066 | 0.061 | 0.044 | 0.102 | 0.023 | 1.03 | 0.061 |
| Komakorau Stm at Henry Rd | 11 | 0.100 | 0.093 | 0.063 | 0.149 | 0.024 | 0.80 | 0.101 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 0.072 | 0.066 | 0.046 | 0.110 | 0.033 | 0.66 | 0.068 |
| Mangakotukutuku Stm (Rukuhia) at Peacockes Rd | 11 | 0.495 | 0.200 | 0.135 | 2.100 | 0.373 | 2.52 | 0.420 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.275 | 0.260 | 0.182 | 0.450 | 0.102 | 1.13 | 0.230 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.129 | 0.123 | 0.100 | 0.180 | 0.030 | 1.22 | 0.128 |
| Mangaonua Stm at Hoeka Rd | 11 | 0.064 | 0.042 | 0.029 | 0.250 | 0.020 | 3.04 | 0.065 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.048 | 0.024 | 0.018 | 0.260 | 0.016 | 3.26 | 0.029 |
| Mangatangi River at SH2 Maramarua | 10 | 0.064 | 0.060 | 0.029 | 0.119 | 0.055 | 0.65 | 0.073 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.022 | 0.023 | 0.012 | 0.032 | 0.011 | -0.17 | 0.024 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.164 | 0.160 | 0.099 | 0.270 | 0.029 | 1.27 | 0.210 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.224 | 0.169 | 0.110 | 0.630 | 0.068 | 2.03 | 0.157 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.085 | 0.072 | 0.045 | 0.154 | 0.049 | 1.07 | 0.094 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 9 | 0.151 | 0.155 | 0.106 | 0.200 | 0.046 | 0.09 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.029 | 0.029 | 0.021 | 0.041 | 0.008 | 0.59 | 0.028 |
| Opuatia Stm at Ponganui Rd | 10 | 0.022 | 0.023 | 0.014 | 0.027 | 0.006 | -0.51 | 0.025 |
| Pokaiwhenua Stm at Puketurua | 9 | 0.107 | 0.100 | 0.087 | 0.164 | 0.021 | 2.01 | 0.107 |
| Waahi Stm at Te Ohaki Rd | 10 | 0.046 | 0.038 | 0.028 | 0.103 | 0.016 | 2.44 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.040 | 0.042 | 0.016 | 0.059 | 0.010 | -0.80 | 0.043 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 0.081 | 0.078 | 0.051 | 0.160 | 0.016 | 2.38 | 0.088 |
| Whakapipi Stm at SH22 Br | 10 | 0.054 | 0.051 | 0.032 | 0.087 | 0.021 | 0.78 | 0.053 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.169 | 0.064 | 0.048 | 1.020 | 0.016 | 3.00 | 0.070 |
| Whangamarino River at Island Block Rd | 10 | 0.134 | 0.141 | 0.053 | 0.173 | 0.043 | -1.25 | 0.133 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.090 | 0.088 | 0.042 | 0.164 | 0.056 | 0.63 | 0.100 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.115 | 0.128 | 0.047 | 0.176 | 0.059 | -0.41 | 0.122 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 10 | 0.025 | 0.024 | 0.014 | 0.040 | 0.015 | 0.38 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.023 | 0.024 | 0.012 | 0.036 | 0.011 | 0.32 | 0.030 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.052 | 0.052 | 0.027 | 0.076 | 0.025 | 0.12 | 0.048 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.037 | 0.032 | 0.020 | 0.068 | 0.015 | 1.23 | 0.035 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 0.174 | 0.188 | 0.075 | 0.310 | 0.139 | 0.28 | 0.210 |
| Mangapu River at Otorohanga | 9 | 0.063 | 0.038 | 0.021 | 0.220 | 0.035 | 2.57 | 0.056 |
| Mangarama at Gadsby Rd | 9 | 0.028 | 0.024 | 0.014 | 0.054 | 0.018 | 1.13 | - |
| Mangarapa Stm at Otorohanga Rd | 9 | 0.036 | 0.030 | 0.020 | 0.064 | 0.027 | 0.76 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.024 | 0.018 | 0.012 | 0.052 | 0.009 | 1.65 | 0.021 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.011 | 0.010 | 0.002 | 0.024 | 0.006 | 0.82 | 0.009 |
| Moakururua Stm at Warratah Farm Bridge | 8 | 0.034 | 0.017 | 0.012 | 0.082 | 0.047 | 0.98 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.077 | 0.079 | 0.038 | 0.115 | 0.052 | -0.06 | 0.098 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.052 | 0.046 | 0.024 | 0.100 | 0.014 | 1.33 | 0.051 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.047 | 0.044 | 0.031 | 0.070 | 0.025 | 0.37 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.020 | 0.024 | 0.006 | 0.031 | 0.014 | -0.35 | 0.017 |
| Waipa River at Ngaruawahia Br | 11 | 0.050 | 0.046 | 0.031 | 0.065 | 0.025 | 0.03 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.049 | 0.036 | 0.022 | 0.147 | 0.012 | 2.32 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.025 | 0.021 | 0.012 | 0.052 | 0.011 | 1.29 | 0.026 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.034 | 0.030 | 0.014 | 0.075 | 0.032 | 1.06 | 0.033 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.031 | 0.021 | 0.015 | 0.097 | 0.020 | 2.43 | 0.022 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 0.099 | 0.065 | 0.059 | 0.230 | 0.051 | 1.61 | 0.070 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.080 | 0.045 | 0.040 | 0.280 | 0.027 | 2.55 | 0.051 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.087 | 0.066 | 0.060 | 0.240 | 0.006 | 2.93 | 0.068 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.055 | 0.045 | 0.032 | 0.125 | 0.014 | 2.48 | 0.050 |
| Otamakokore Stm at Hossack Rd | 9 | 0.159 | 0.156 | 0.132 | 0.180 | 0.020 | -0.27 | 0.156 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.083 | 0.081 | 0.073 | 0.100 | 0.008 | 1.18 | 0.081 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.057 | 0.048 | 0.036 | 0.106 | 0.018 | 1.64 | 0.050 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.097 | 0.098 | 0.085 | 0.107 | 0.008 | -0.35 | 0.093 |
| Waiotapu Stm at Campbell Rd Br | 9 | 0.066 | 0.056 | 0.032 | 0.136 | 0.035 | 1.51 | 0.068 |
| Waiotapu Stm at Homestead Rd Br | 9 | 0.107 | 0.084 | 0.064 | 0.186 | 0.064 | 1.06 | 0.110 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 0.093 | 0.092 | 0.066 | 0.132 | 0.019 | 0.86 | 0.091 |
| Whirinaki Stm at Corbett Rd | 9 | 0.063 | 0.061 | 0.054 | 0.076 | 0.006 | 1.05 | 0.062 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.022 | 0.017 | 0.014 | 0.064 | 0.008 | 2.75 | 0.018 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.024 | 0.016 | 0.011 | 0.052 | 0.023 | 1.20 | 0.019 |
| Manganui River at Off Manganui Rd | 10 | 0.036 | 0.026 | 0.016 | 0.103 | 0.022 | 2.12 | 0.024 |
| Mangaotaki River at SH3 Br | 10 | 0.035 | 0.020 | 0.013 | 0.165 | 0.010 | 3.05 | 0.023 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.034 | 0.028 | 0.016 | 0.090 | 0.015 | 2.47 | 0.027 |
| Mokau River at Awakau Rd | 10 | 0.028 | 0.026 | 0.015 | 0.047 | 0.023 | 0.62 | 0.032 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.037 | 0.035 | 0.025 | 0.051 | 0.018 | 0.40 | 0.031 |
| Mokau River at Totoro Rd Recorder | 10 | 0.032 | 0.026 | 0.013 | 0.083 | 0.028 | 1.63 | 0.032 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.033 | 0.038 | 0.018 | 0.044 | 0.020 | -0.70 | 0.042 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.038 | 0.037 | 0.020 | 0.060 | 0.010 | 0.50 | 0.035 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.020 | 0.019 | 0.010 | 0.038 | 0.010 | 1.11 | 0.015 |
| Tawarau River at Off Speedies Rd | 10 | 0.033 | 0.026 | 0.014 | 0.074 | 0.016 | 1.49 | 0.025 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.031 | 0.031 | 0.019 | 0.052 | 0.008 | 1.12 | 0.033 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.031 | 0.026 | 0.020 | 0.055 | 0.010 | 1.33 | 0.033 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.034 | 0.032 | 0.027 | 0.047 | 0.009 | 0.96 | 0.032 |
| Kuratau River at SH41 Moerangi | 9 | 0.005 | 0.004 | 0.002 | 0.009 | 0.004 | 0.76 | 0.004 |
| Kuratau River at Te Rae Street T10 | 9 | 0.012 | 0.012 | 0.008 | 0.016 | 0.005 | 0.19 | 0.013 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.138 | 0.137 | 0.126 | 0.156 | 0.009 | 0.93 | 0.146 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.017 | 0.017 | 0.010 | 0.023 | 0.004 | -0.06 | 0.016 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.012 | 0.012 | 0.008 | 0.016 | 0.005 | 0.13 | 0.012 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.078 | 0.078 | 0.074 | 0.082 | 0.004 | -0.36 | 0.078 |
| Waihaha River at SH32 | 9 | 0.022 | 0.020 | 0.016 | 0.036 | 0.008 | 1.38 | 0.022 |
| Waitahanui River at Blake Rd | 7 | 0.045 | 0.045 | 0.042 | 0.051 | 0.002 | 1.32 | 0.046 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 0.079 | 0.078 | 0.066 | 0.088 | 0.011 | -0.58 | 0.075 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.016 | 0.014 | 0.010 | 0.025 | 0.008 | 1.01 | 0.015 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.034 | 0.033 | 0.027 | 0.044 | 0.005 | 0.72 | 0.033 |

IQR = Inter quartile range - = less than five-year record available

| Ammoniacal Nitrogen (g/m ³) | | | | | | | | |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.009 | 0.005 | 0.005 | 0.020 | 0.009 | 1.00 | 0.005 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Ohinemuri River at Karangahake | 10 | 0.010 | 0.005 | 0.005 | 0.034 | 0.009 | 2.01 | - |
| Ohinemuri River at Queens Head | 10 | 0.050 | 0.008 | 0.005 | 0.198 | 0.074 | 1.47 | 0.064 |
| Ohinemuri River at SH25 Br | 10 | 0.007 | 0.005 | 0.005 | 0.015 | 0.000 | 2.09 | 0.005 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.006 | 0.005 | 0.005 | 0.010 | 0.000 | 3.16 | 0.005 |
| Waiau River at E309 Rd Ford | 10 | 0.006 | 0.005 | 0.005 | 0.011 | 0.000 | 3.16 | 0.005 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Waiwawa River at SH25 Coroglen | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Wharekawa River at SH25 | 10 | 0.006 | 0.005 | 0.005 | 0.012 | 0.000 | 3.16 | 0.005 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.007 | 0.005 | 0.005 | 0.017 | 0.000 | 1.82 | 0.005 |
| Oraka Stm at Lake Rd | 9 | 0.137 | 0.043 | 0.005 | 0.790 | 0.102 | 2.77 | 0.034 |
| Piako River at Kiwitahi | 11 | 0.019 | 0.005 | 0.005 | 0.137 | 0.007 | 3.28 | 0.012 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 0.033 | 0.020 | 0.005 | 0.121 | 0.038 | 1.72 | 0.047 |
| Piakonui Stm at Piakonui Rd | 11 | 0.006 | 0.005 | 0.005 | 0.016 | 0.000 | 3.32 | 0.005 |
| Waihou River at Okauia | 11 | 0.013 | 0.005 | 0.005 | 0.044 | 0.013 | 1.61 | 0.012 |
| Waihou River at Te Aroha | 11 | 0.034 | 0.026 | 0.005 | 0.070 | 0.028 | 0.54 | - |
| Waihou River at Whites Rd | 9 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 0.006 | 0.005 | 0.005 | 0.012 | 0.000 | 3.00 | 0.005 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.009 | 0.005 | 0.005 | 0.030 | 0.008 | 2.07 | 0.010 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.012 | 0.005 | 0.005 | 0.033 | 0.006 | 1.62 | 0.011 |
| Waitoa River at Landsdowne Rd Br | 11 | 0.014 | 0.011 | 0.005 | 0.064 | 0.008 | 3.02 | 0.013 |
| Waitoa River at Mellon Rd Recorder | 11 | 0.050 | 0.032 | 0.005 | 0.173 | 0.027 | 1.72 | 0.064 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otaua Rd Br opp Moseley Rd | 10 | 0.037 | 0.028 | 0.010 | 0.108 | 0.031 | 1.64 | 0.048 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.028 | 0.024 | 0.005 | 0.070 | 0.035 | 0.83 | 0.038 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.022 | 0.014 | 0.005 | 0.103 | 0.014 | 2.63 | 0.021 |
| Kirikiri Stm at Tauhara Dr | 11 | 0.204 | 0.192 | 0.081 | 0.400 | 0.084 | 1.21 | 0.220 |
| Komakorau Stm at Henry Rd | 11 | 0.629 | 0.720 | 0.117 | 1.220 | 0.670 | 0.06 | 0.700 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 0.013 | 0.012 | 0.005 | 0.025 | 0.009 | 0.64 | 0.011 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 0.183 | 0.230 | 0.047 | 0.420 | 0.180 | 0.47 | 0.220 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.051 | 0.029 | 0.005 | 0.152 | 0.074 | 1.21 | 0.200 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.023 | 0.022 | 0.012 | 0.036 | 0.012 | 0.26 | 0.022 |
| Mangaonua Stm at Hoeka Rd | 11 | 0.066 | 0.061 | 0.018 | 0.113 | 0.043 | 0.12 | 0.079 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.008 | 0.005 | 0.005 | 0.030 | 0.000 | 2.65 | 0.005 |
| Mangatangi River at SH2 Maramarua | 10 | 0.044 | 0.016 | 0.005 | 0.250 | 0.033 | 2.77 | 0.024 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.264 | 0.210 | 0.145 | 0.460 | 0.186 | 0.73 | 0.400 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.095 | 0.114 | 0.024 | 0.159 | 0.077 | -0.17 | 0.114 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.059 | 0.047 | 0.011 | 0.177 | 0.067 | 1.39 | 0.048 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 0.103 | 0.021 | 0.005 | 0.550 | 0.077 | 2.17 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.014 | 0.013 | 0.005 | 0.027 | 0.013 | 0.43 | 0.011 |
| Opuatia Stm at Ponganui Rd | 10 | 0.010 | 0.008 | 0.005 | 0.021 | 0.008 | 0.75 | 0.011 |
| Pokaiwhenua Stm at Puketurua | 9 | 0.019 | 0.005 | 0.005 | 0.102 | 0.010 | 2.72 | 0.010 |
| Waahi Stm at Te Ohaki Rd | 11 | 0.088 | 0.022 | 0.005 | 0.320 | 0.190 | 1.21 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.017 | 0.019 | 0.005 | 0.031 | 0.023 | -0.01 | 0.013 |
| Waitawhiriwhiri Stm at Edgcombe Street | 11 | 0.629 | 0.600 | 0.450 | 1.010 | 0.058 | 1.63 | 0.570 |
| Whakapipi Stm at SH22 Br | 10 | 0.010 | 0.008 | 0.005 | 0.018 | 0.012 | 0.57 | 0.012 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.024 | 0.011 | 0.005 | 0.138 | 0.008 | 2.96 | 0.013 |
| Whangamarino River at Island Block Rd | 10 | 0.290 | 0.295 | 0.005 | 0.640 | 0.130 | 0.64 | 0.134 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.029 | 0.024 | 0.013 | 0.061 | 0.021 | 1.19 | 0.042 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.024 | 0.005 | 0.005 | 0.111 | 0.035 | 2.05 | 0.005 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|-------|--------|-------|-------|-------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.012 | 0.012 | 0.005 | 0.019 | 0.013 | -0.09 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.010 | 0.005 | 0.005 | 0.024 | 0.008 | 1.14 | 0.021 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.006 | 0.005 | 0.005 | 0.014 | 0.000 | 3.32 | 0.005 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.015 | 0.016 | 0.005 | 0.028 | 0.006 | 0.77 | 0.015 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 0.054 | 0.019 | 0.005 | 0.260 | 0.071 | 2.13 | 0.071 |
| Mangapu River at Otorohanga | 9 | 0.031 | 0.015 | 0.005 | 0.170 | 0.019 | 2.84 | 0.024 |
| Mangarama at Gadsby Rd | 10 | 0.014 | 0.008 | 0.005 | 0.034 | 0.016 | 1.02 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 0.041 | 0.030 | 0.005 | 0.200 | 0.038 | 2.69 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.009 | 0.005 | 0.005 | 0.025 | 0.005 | 1.90 | 0.005 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Moakururu Stm at Warratah Farm Bridge | 9 | 0.012 | 0.011 | 0.005 | 0.022 | 0.012 | 0.47 | 0.012 |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.085 | 0.052 | 0.017 | 0.230 | 0.085 | 1.07 | 0.075 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.019 | 0.019 | 0.005 | 0.038 | 0.012 | 0.15 | 0.022 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.008 | 0.005 | 0.005 | 0.021 | 0.006 | 1.62 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.015 | 0.005 | 0.005 | 0.046 | 0.011 | 1.60 | 0.005 |
| Waipa River at Ngaruawahia Br | 11 | 0.020 | 0.019 | 0.005 | 0.038 | 0.008 | 0.70 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.016 | 0.018 | 0.005 | 0.025 | 0.011 | -0.51 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.010 | 0.005 | 0.005 | 0.028 | 0.012 | 1.38 | 0.013 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.012 | 0.008 | 0.005 | 0.026 | 0.017 | 0.78 | 0.017 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 0.040 | 0.018 | 0.005 | 0.200 | 0.019 | 2.71 | 0.012 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.035 | 0.005 | 0.005 | 0.191 | 0.036 | 2.56 | 0.005 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.020 | 0.019 | 0.017 | 0.026 | 0.007 | 0.79 | 0.022 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.007 | 0.005 | 0.005 | 0.014 | 0.002 | 1.62 | 0.005 |
| Otamakokore Stm at Hossack Rd | 9 | 0.023 | 0.005 | 0.005 | 0.117 | 0.018 | 2.33 | 0.005 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.006 | 0.005 | 0.005 | 0.014 | 0.000 | 2.83 | 0.005 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.009 | 0.005 | 0.005 | 0.024 | 0.007 | 1.61 | 0.005 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.015 | 0.015 | 0.005 | 0.036 | 0.015 | 0.93 | 0.005 |
| Waiotapu Stm at Campbell Rd Br | 9 | 0.917 | 0.910 | 0.860 | 1.020 | 0.053 | 1.33 | 0.870 |
| Waiotapu Stm at Homestead Rd Br | 9 | 0.247 | 0.210 | 0.079 | 0.490 | 0.308 | 0.52 | 0.290 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 0.014 | 0.005 | 0.005 | 0.084 | 0.000 | 3.00 | 0.005 |
| Whirinaki Stm at Corbett Rd | 9 | 0.010 | 0.005 | 0.005 | 0.044 | 0.002 | 2.83 | 0.005 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.006 | 0.005 | 0.005 | 0.012 | 0.000 | 3.16 | 0.005 |
| Manganui River at Off Manganui Rd | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Mangaotaki River at SH3 Br | 10 | 0.007 | 0.005 | 0.005 | 0.014 | 0.000 | 1.86 | 0.005 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.014 | 0.005 | 0.005 | 0.088 | 0.000 | 3.07 | 0.005 |
| Mokau River at Awakau Rd | 10 | 0.015 | 0.009 | 0.005 | 0.045 | 0.010 | 1.57 | 0.015 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Mokau River at Totoro Rd Recorder | 10 | 0.008 | 0.005 | 0.005 | 0.015 | 0.007 | 0.63 | 0.005 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.010 | 0.005 | 0.005 | 0.026 | 0.006 | 1.63 | 0.021 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.006 | 0.005 | 0.005 | 0.011 | 0.000 | 3.32 | 0.005 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Tawarau River at Off Speedies Rd | 10 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.007 | 0.005 | 0.005 | 0.021 | 0.000 | 2.56 | 0.011 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.007 | 0.005 | 0.005 | 0.014 | 0.000 | 1.94 | 0.005 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Kuratau River at SH41 Moerangi | 9 | 0.006 | 0.005 | 0.005 | 0.012 | 0.001 | 1.77 | 0.005 |
| Kuratau River at Te Rae Street T10 | 9 | 0.009 | 0.005 | 0.005 | 0.017 | 0.008 | 0.82 | 0.005 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.008 | 0.005 | 0.005 | 0.017 | 0.008 | 1.12 | 0.005 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.006 | 0.005 | 0.005 | 0.013 | 0.000 | 3.00 | 0.005 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.006 | 0.005 | 0.005 | 0.014 | 0.000 | 3.00 | 0.005 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Waihaha River at SH32 | 9 | 0.006 | 0.005 | 0.005 | 0.013 | 0.000 | 3.00 | 0.005 |
| Waitahanui River at Blake Rd | 7 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | 0.005 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 0.011 | 0.011 | 0.005 | 0.022 | 0.013 | 0.53 | 0.005 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.007 | 0.005 | 0.005 | 0.013 | 0.006 | 0.87 | 0.005 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.007 | 0.005 | 0.005 | 0.015 | 0.002 | 1.69 | 0.005 |

IQR = Inter quartile range - = less than five-year record available

| Location | Nitrate/Nitrite Nitrogen (g/m ³) | | | | | | | 16-20 median |
|--|--|------|--------|------|------|------|-------|-----------------|
| | Count | Mean | Median | Min | Max | IQR | Skew | |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.05 | 0.04 | 0.00 | 0.20 | 0.07 | 1.59 | 0.03 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.01 | 0.01 | 0.00 | 0.03 | 0.03 | 0.76 | 0.02 |
| Ohinemuri River at Karangahake | 10 | 0.34 | 0.35 | 0.00 | 0.74 | 0.46 | 0.06 | - |
| Ohinemuri River at Queens Head | 10 | 0.60 | 0.64 | 0.00 | 1.18 | 0.74 | -0.18 | 1.00 |
| Ohinemuri River at SH25 Br | 10 | 0.42 | 0.47 | 0.01 | 0.83 | 0.61 | -0.06 | 0.54 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.03 | 0.02 | 0.00 | 0.11 | 0.07 | 0.99 | 0.02 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 1.81 | 0.00 |
| Waiau River at E309 Rd Ford | 10 | 0.04 | 0.03 | 0.00 | 0.11 | 0.06 | 0.76 | 0.03 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.11 | 0.09 | 0.00 | 0.29 | 0.21 | 0.50 | 0.12 |
| Waiwawa River at SH25 Coroglen | 10 | 0.01 | 0.01 | 0.00 | 0.06 | 0.02 | 1.97 | 0.01 |
| Wharekawa River at SH25 | 10 | 0.05 | 0.03 | 0.00 | 0.18 | 0.09 | 1.23 | 0.05 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.22 | 0.18 | 0.13 | 0.34 | 0.13 | 0.62 | 0.32 |
| Oraka Stm at Lake Rd | 9 | 2.11 | 2.20 | 1.83 | 2.50 | 0.30 | 0.26 | 2.20 |
| Piako River at Kiwitahi | 11 | 0.67 | 0.25 | 0.01 | 2.30 | 1.37 | 0.99 | 0.86 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 1.21 | 1.13 | 0.01 | 3.50 | 1.18 | 1.26 | 1.52 |
| Piakonui Stm at Piakonui Rd | 11 | 0.22 | 0.16 | 0.12 | 0.51 | 0.19 | 1.32 | 0.28 |
| Waihou River at Okauia | 11 | 1.12 | 1.18 | 0.94 | 1.22 | 0.17 | -0.68 | 1.21 |
| Waihou River at Te Aroha | 11 | 1.08 | 1.10 | 0.78 | 1.23 | 0.17 | -1.06 | - |
| Waihou River at Whites Rd | 9 | 0.85 | 0.84 | 0.80 | 0.91 | 0.05 | 0.65 | 0.85 |
| Waihotu Stm at Waihotu Rd (Off SH5) | 9 | 0.15 | 0.15 | 0.10 | 0.20 | 0.04 | -0.07 | 0.18 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.47 | 0.43 | 0.32 | 0.75 | 0.24 | 0.92 | 0.50 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.15 | 0.06 | 0.01 | 0.61 | 0.22 | 1.66 | 0.21 |
| Waitoa River at Landsdowne Rd Br | 11 | 1.29 | 1.37 | 0.53 | 1.85 | 0.38 | -0.75 | 1.49 |
| Waitoa River at Mellon Rd Recorder | 11 | 1.63 | 1.39 | 0.90 | 3.00 | 1.39 | 0.85 | 2.10 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otawa Rd Br opp Moseley Rd | 10 | 1.17 | 1.33 | 0.01 | 2.30 | 1.91 | -0.22 | 1.46 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.29 | 0.33 | 0.06 | 0.52 | 0.26 | -0.01 | 0.43 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.58 | 0.44 | 0.17 | 1.21 | 0.57 | 0.72 | 0.67 |
| Kirikirihoa Stm at Tauhara Dr | 11 | 0.47 | 0.47 | 0.26 | 0.82 | 0.16 | 1.07 | 0.68 |
| Komakorau Stm at Henry Rd | 11 | 1.36 | 1.19 | 0.90 | 2.20 | 0.41 | 1.35 | 1.39 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 1.80 | 1.83 | 1.67 | 1.92 | 0.11 | -0.33 | 2.00 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 0.82 | 0.67 | 0.31 | 2.40 | 0.22 | 2.38 | 0.85 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 2.58 | 2.80 | 1.58 | 3.40 | 0.79 | -0.43 | 2.50 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 2.02 | 2.02 | 1.63 | 2.50 | 0.37 | 0.18 | 2.30 |
| Mangaonua Stm at Hoeka Rd | 11 | 1.26 | 1.29 | 0.91 | 1.49 | 0.15 | -1.04 | 1.36 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.52 | 0.42 | 0.20 | 1.05 | 0.55 | 0.61 | 0.47 |
| Mangatangi River at SH2 Maramarua | 10 | 0.29 | 0.15 | 0.00 | 1.16 | 0.37 | 1.66 | 0.23 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.05 | 0.01 | 0.00 | 0.27 | 0.07 | 2.62 | 0.04 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.98 | 0.71 | 0.39 | 2.50 | 0.64 | 1.59 | 0.89 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 1.46 | 1.41 | 0.89 | 2.30 | 0.51 | 0.83 | 2.00 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.67 | 0.70 | 0.03 | 1.66 | 0.98 | 0.43 | 0.71 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 0.12 | 0.01 | 0.00 | 0.73 | 0.07 | 2.16 | - |
| Ohaeroa Stm at SH22 Br | 10 | 1.63 | 1.67 | 1.27 | 1.82 | 0.16 | -1.23 | 1.75 |
| Opuatia Stm at Ponganui Rd | 10 | 0.76 | 0.83 | 0.37 | 1.16 | 0.29 | -0.11 | 0.83 |
| Pokaiwhenua Stm at Puketurua | 9 | 1.92 | 1.96 | 1.46 | 2.10 | 0.25 | -1.42 | 2.10 |
| Waahi Stm at Te Ohaki Rd | 11 | 0.23 | 0.20 | 0.00 | 0.67 | 0.42 | 0.84 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.57 | 0.70 | 0.10 | 1.03 | 0.54 | -0.23 | 0.82 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 0.86 | 0.77 | 0.51 | 2.10 | 0.27 | 2.66 | 0.84 |
| Whakapipi Stm at SH22 Br | 10 | 3.30 | 3.50 | 1.76 | 4.40 | 1.10 | -0.74 | 4.00 |
| Whakauru Stm at U/S SH1 Br | 9 | 1.32 | 1.29 | 1.16 | 1.47 | 0.15 | 0.02 | 1.16 |
| Whangamarino River at Island Block Rd | 10 | 0.38 | 0.24 | 0.08 | 1.54 | 0.24 | 2.24 | 0.14 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.55 | 0.54 | 0.01 | 1.46 | 0.66 | 0.78 | 0.63 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 0.11 | 0.00 | 0.00 | 0.73 | 0.03 | 2.48 | 0.01 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|------|------|------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.38 | 0.37 | 0.15 | 0.69 | 0.30 | 0.50 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.38 | 0.38 | 0.00 | 1.05 | 0.50 | 0.75 | 0.38 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.16 | 0.18 | 0.06 | 0.28 | 0.13 | -0.04 | 0.20 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.53 | 0.55 | 0.21 | 0.96 | 0.36 | 0.25 | 0.63 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 1.16 | 1.01 | 0.33 | 2.30 | 0.88 | 0.61 | 1.58 |
| Mangapu River at Otorohanga | 9 | 0.70 | 0.71 | 0.16 | 1.35 | 0.63 | 0.14 | 0.82 |
| Mangarama at Gadsby Rd | 10 | 0.92 | 0.91 | 0.53 | 1.59 | 0.32 | 0.90 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 0.76 | 0.82 | 0.19 | 1.50 | 0.78 | 0.10 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.33 | 0.25 | 0.04 | 0.73 | 0.43 | 0.42 | 0.37 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.06 | 0.03 | 0.01 | 0.15 | 0.10 | 1.03 | 0.14 |
| Moakururu Stm at Warratah Farm Bridge | 9 | 0.35 | 0.34 | 0.07 | 0.67 | 0.43 | 0.01 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.56 | 0.44 | 0.06 | 1.47 | 0.72 | 0.74 | 0.48 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.65 | 0.54 | 0.23 | 1.12 | 0.41 | 0.26 | 0.72 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.56 | 0.53 | 0.37 | 0.89 | 0.15 | 1.05 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.32 | 0.33 | 0.17 | 0.42 | 0.10 | -0.60 | 0.33 |
| Waipa River at Ngaruawahia Br | 11 | 0.62 | 0.66 | 0.08 | 1.19 | 0.63 | 0.01 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.50 | 0.49 | 0.07 | 0.97 | 0.46 | 0.06 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.38 | 0.37 | 0.03 | 0.99 | 0.42 | 0.90 | 0.45 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.51 | 0.53 | 0.29 | 0.86 | 0.23 | 0.63 | 0.56 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.59 | 0.61 | 0.41 | 0.71 | 0.04 | -1.03 | 0.61 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 2.96 | 3.00 | 2.40 | 3.50 | 0.40 | -0.35 | 3.10 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.59 | 0.57 | 0.40 | 0.80 | 0.22 | 0.03 | 0.66 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 1.50 | 1.56 | 1.19 | 1.75 | 0.24 | -0.60 | 1.62 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.72 | 0.73 | 0.56 | 0.83 | 0.10 | -0.74 | 0.75 |
| Otamakokore Stm at Hossack Rd | 9 | 0.79 | 0.77 | 0.63 | 1.01 | 0.22 | 0.52 | 0.96 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.63 | 0.64 | 0.58 | 0.67 | 0.04 | -0.73 | 0.65 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.68 | 0.72 | 0.49 | 0.89 | 0.13 | 0.12 | 0.72 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.64 | 0.61 | 0.55 | 0.74 | 0.12 | 0.40 | 0.63 |
| Waiotapu Stm at Campbell Rd Br | 9 | 1.06 | 1.08 | 0.92 | 1.22 | 0.08 | -0.27 | 0.99 |
| Waiotapu Stm at Homestead Rd Br | 9 | 1.39 | 1.36 | 1.30 | 1.57 | 0.14 | 0.95 | 1.48 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 1.48 | 1.44 | 1.24 | 1.70 | 0.20 | -0.09 | 1.44 |
| Whirinaki Stm at Corbett Rd | 9 | 0.84 | 0.83 | 0.78 | 0.88 | 0.07 | -0.24 | 0.83 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.07 | 0.07 | 0.02 | 0.15 | 0.09 | 0.41 | 0.09 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.18 | 0.18 | 0.02 | 0.40 | 0.20 | 0.41 | 0.22 |
| Manganui River at Off Manganui Rd | 10 | 0.10 | 0.13 | 0.01 | 0.25 | 0.15 | 0.16 | 0.11 |
| Mangaotaki River at SH3 Br | 10 | 0.65 | 0.61 | 0.35 | 1.01 | 0.35 | 0.32 | 0.68 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.25 | 0.25 | 0.15 | 0.33 | 0.12 | -0.16 | 0.28 |
| Mokau River at Awakau Rd | 10 | 0.36 | 0.36 | 0.04 | 0.76 | 0.32 | 0.29 | 0.46 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.38 | 0.36 | 0.25 | 0.62 | 0.20 | 0.72 | 0.44 |
| Mokau River at Totoro Rd Recorder | 10 | 0.51 | 0.47 | 0.23 | 0.98 | 0.24 | 0.78 | 0.59 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.27 | 0.21 | 0.00 | 0.93 | 0.23 | 1.47 | 0.29 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.26 | 0.26 | 0.00 | 0.57 | 0.37 | 0.07 | 0.31 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.11 | 0.10 | 0.00 | 0.32 | 0.14 | 0.99 | 0.10 |
| Tawarau River at Off Speedies Rd | 10 | 0.29 | 0.30 | 0.20 | 0.37 | 0.10 | -0.24 | 0.32 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.32 | 0.33 | 0.00 | 0.73 | 0.48 | 0.09 | 0.48 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.29 | 0.28 | 0.02 | 0.78 | 0.31 | 0.66 | 0.40 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.06 | 0.06 | 0.02 | 0.12 | 0.05 | 0.35 | 0.11 |
| Kuratau River at SH41 Moerangi | 9 | 0.11 | 0.10 | 0.07 | 0.17 | 0.05 | 0.40 | 0.22 |
| Kuratau River at Te Rae Street T10 | 9 | 0.56 | 0.54 | 0.42 | 0.70 | 0.13 | 0.14 | 0.65 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.76 | 0.77 | 0.61 | 0.84 | 0.10 | -0.97 | 0.74 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.05 | 0.05 | 0.00 | 0.07 | 0.01 | -1.28 | 0.06 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 2.05 | 0.00 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.42 | 0.42 | 0.37 | 0.47 | 0.04 | 0.03 | 0.46 |
| Waihaha River at SH32 | 9 | 0.08 | 0.08 | 0.07 | 0.12 | 0.02 | 1.12 | 0.09 |
| Waitahanui River at Blake Rd | 7 | 0.41 | 0.40 | 0.38 | 0.48 | 0.04 | 1.40 | 0.40 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 1.34 | 1.37 | 1.14 | 1.49 | 0.16 | -0.76 | 1.42 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.31 | 0.32 | 0.25 | 0.37 | 0.07 | -0.15 | 0.36 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.68 | 0.69 | 0.49 | 0.89 | 0.18 | 0.08 | 0.69 |

IQR = Inter quartile range - = less than five-year record available

| Total Kjeldahl Nitrogen (g/m ³) | | | | | | | | |
|--|-------|------|--------|------|------|------|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.11 | 0.10 | 0.03 | 0.23 | 0.08 | 0.42 | 0.09 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.06 | 0.06 | 0.03 | 0.11 | 0.05 | 0.38 | 0.08 |
| Ohinemuri River at Karangahake | 10 | 0.14 | 0.13 | 0.07 | 0.28 | 0.06 | 1.68 | - |
| Ohinemuri River at Queens Head | 10 | 0.21 | 0.18 | 0.13 | 0.39 | 0.07 | 1.46 | 0.31 |
| Ohinemuri River at SH25 Br | 10 | 0.12 | 0.12 | 0.08 | 0.16 | 0.05 | 0.12 | 0.14 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.06 | 0.06 | 0.03 | 0.09 | 0.05 | -0.40 | 0.08 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.05 | 0.04 | 0.03 | 0.12 | 0.04 | 1.09 | 0.07 |
| Waiau River at E309 Rd Ford | 10 | 0.08 | 0.07 | 0.03 | 0.18 | 0.04 | 1.36 | 0.08 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.09 | 0.09 | 0.03 | 0.20 | 0.05 | 1.26 | 0.10 |
| Waiwawa River at SH25 Coroglen | 10 | 0.07 | 0.08 | 0.03 | 0.12 | 0.04 | -0.17 | 0.08 |
| Wharekawa River at SH25 | 10 | 0.08 | 0.09 | 0.03 | 0.13 | 0.04 | -0.19 | 0.09 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.25 | 0.12 | 0.06 | 1.46 | 0.02 | 3.10 | 0.12 |
| Oraka Stm at Lake Rd | 9 | 0.37 | 0.34 | 0.12 | 0.98 | 0.14 | 2.18 | 0.34 |
| Piako River at Kiwitahi | 11 | 0.33 | 0.21 | 0.18 | 1.23 | 0.11 | 3.06 | 0.37 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 0.53 | 0.47 | 0.38 | 1.06 | 0.17 | 2.42 | 0.63 |
| Piakonui Stm at Piakonui Rd | 11 | 0.22 | 0.17 | 0.09 | 0.64 | 0.09 | 2.05 | 0.17 |
| Waihou River at Okauia | 11 | 0.17 | 0.14 | 0.08 | 0.47 | 0.06 | 2.67 | 0.20 |
| Waihou River at Te Aroha | 11 | 0.18 | 0.16 | 0.14 | 0.31 | 0.03 | 2.54 | - |
| Waihou River at Whites Rd | 9 | 0.03 | 0.03 | 0.03 | 0.11 | 0.00 | 3.00 | 0.05 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 0.14 | 0.11 | 0.09 | 0.33 | 0.05 | 2.43 | 0.16 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.13 | 0.13 | 0.08 | 0.20 | 0.06 | 0.24 | 0.17 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.26 | 0.26 | 0.15 | 0.39 | 0.07 | 0.48 | 0.29 |
| Waitoa River at Landsdowne Rd Br | 11 | 0.34 | 0.28 | 0.24 | 0.89 | 0.11 | 2.94 | 0.37 |
| Waitoa River at Mellon Rd Recorder | 11 | 0.42 | 0.37 | 0.34 | 0.79 | 0.05 | 2.67 | 0.58 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otawa Rd Br opp Moseley Rd | 10 | 0.54 | 0.43 | 0.20 | 1.75 | 0.24 | 2.65 | 0.56 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.23 | 0.22 | 0.17 | 0.34 | 0.07 | 1.15 | 0.25 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.30 | 0.27 | 0.20 | 0.62 | 0.08 | 2.40 | 0.36 |
| Kirikiri Stm at Tauhara Dr | 11 | 0.45 | 0.46 | 0.24 | 0.62 | 0.10 | -0.48 | 0.58 |
| Komakorau Stm at Henry Rd | 11 | 1.46 | 1.32 | 0.85 | 2.20 | 0.93 | 0.33 | 1.84 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 0.18 | 0.18 | 0.08 | 0.34 | 0.10 | 0.78 | 0.20 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 1.19 | 0.78 | 0.37 | 3.30 | 1.22 | 1.42 | 1.27 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 0.56 | 0.42 | 0.32 | 1.59 | 0.21 | 2.68 | 0.65 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 0.36 | 0.34 | 0.27 | 0.60 | 0.05 | 2.55 | 0.44 |
| Mangaonua Stm at Hoeka Rd | 11 | 0.37 | 0.31 | 0.24 | 1.09 | 0.10 | 3.11 | 0.43 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.30 | 0.17 | 0.11 | 1.49 | 0.11 | 3.18 | 0.22 |
| Mangatangi River at SH2 Maramarua | 10 | 0.31 | 0.28 | 0.15 | 0.62 | 0.24 | 0.86 | 0.36 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.12 | 0.11 | 0.09 | 0.22 | 0.02 | 2.47 | 0.12 |
| Mangawara Stm at Rutherford Rd Br | 11 | 0.91 | 0.77 | 0.60 | 1.62 | 0.45 | 1.20 | 1.20 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 0.78 | 0.59 | 0.40 | 1.93 | 0.44 | 1.80 | 0.77 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 0.58 | 0.56 | 0.28 | 1.06 | 0.45 | 0.59 | 0.60 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 4.94 | 4.45 | 2.80 | 8.40 | 2.70 | 0.68 | - |
| Ohaeroa Stm at SH22 Br | 10 | 0.27 | 0.25 | 0.20 | 0.44 | 0.11 | 1.16 | 0.27 |
| Opuatia Stm at Ponganui Rd | 10 | 0.23 | 0.23 | 0.16 | 0.30 | 0.08 | -0.03 | 0.27 |
| Pokaiwhenua Stm at Puketurua | 9 | 0.26 | 0.18 | 0.15 | 0.70 | 0.11 | 2.54 | 0.24 |
| Waahi Stm at Te Ohaki Rd | 11 | 0.79 | 0.75 | 0.60 | 1.15 | 0.29 | 0.88 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.24 | 0.24 | 0.14 | 0.33 | 0.13 | 0.10 | 0.27 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 1.09 | 1.06 | 0.81 | 1.60 | 0.23 | 1.09 | 1.21 |
| Whakapipi Stm at SH22 Br | 10 | 0.29 | 0.29 | 0.22 | 0.34 | 0.06 | -0.53 | 0.35 |
| Whakauru Stm at U/S SH1 Br | 9 | 0.74 | 0.29 | 0.19 | 4.40 | 0.05 | 2.99 | 0.32 |
| Whangamarino River at Island Block Rd | 10 | 1.95 | 2.05 | 0.23 | 2.90 | 0.37 | -1.65 | 1.86 |
| Whangamarino River at Jefferies Rd Br | 10 | 0.49 | 0.42 | 0.31 | 1.16 | 0.21 | 2.46 | 0.50 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 2.12 | 1.77 | 0.70 | 4.80 | 1.98 | 1.08 | 1.76 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|------|------|------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.21 | 0.19 | 0.13 | 0.35 | 0.10 | 0.78 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.16 | 0.16 | 0.11 | 0.21 | 0.04 | 0.09 | 0.22 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.15 | 0.12 | 0.07 | 0.47 | 0.08 | 2.66 | 0.13 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.23 | 0.20 | 0.14 | 0.36 | 0.14 | 0.65 | 0.24 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 0.59 | 0.37 | 0.31 | 1.37 | 0.49 | 1.34 | 0.68 |
| Mangapu River at Otorohanga | 10 | 0.31 | 0.20 | 0.15 | 0.79 | 0.21 | 1.97 | 0.33 |
| Mangarama at Gadsby Rd | 10 | 0.31 | 0.26 | 0.14 | 0.73 | 0.21 | 1.40 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 0.30 | 0.21 | 0.13 | 0.78 | 0.26 | 1.59 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.16 | 0.13 | 0.09 | 0.34 | 0.06 | 1.66 | 0.16 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.04 | 0.03 | 0.03 | 0.10 | 0.04 | 1.22 | 0.06 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 0.29 | 0.15 | 0.10 | 1.26 | 0.16 | 2.78 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 0.61 | 0.58 | 0.41 | 0.90 | 0.25 | 0.57 | 0.80 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.25 | 0.21 | 0.14 | 0.58 | 0.05 | 1.99 | 0.27 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.21 | 0.18 | 0.13 | 0.42 | 0.08 | 1.72 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.20 | 0.18 | 0.13 | 0.36 | 0.09 | 1.34 | 0.19 |
| Waipa River at Ngaruawahia Br | 11 | 0.25 | 0.25 | 0.17 | 0.34 | 0.11 | 0.00 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.27 | 0.19 | 0.11 | 0.88 | 0.10 | 2.61 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.20 | 0.18 | 0.09 | 0.50 | 0.07 | 1.94 | 0.23 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.21 | 0.17 | 0.10 | 0.41 | 0.21 | 0.80 | 0.24 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.15 | 0.11 | 0.06 | 0.47 | 0.09 | 2.56 | 0.14 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 0.43 | 0.27 | 0.17 | 1.12 | 0.25 | 1.64 | 0.32 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.29 | 0.15 | 0.11 | 1.06 | 0.15 | 2.39 | 0.21 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 0.36 | 0.27 | 0.09 | 1.03 | 0.14 | 2.23 | 0.29 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.17 | 0.10 | 0.06 | 0.71 | 0.07 | 2.84 | 0.14 |
| Otamakokore Stm at Hossack Rd | 9 | 0.25 | 0.23 | 0.13 | 0.57 | 0.08 | 2.12 | 0.25 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.09 | 0.07 | 0.03 | 0.26 | 0.02 | 2.46 | 0.10 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.20 | 0.15 | 0.09 | 0.49 | 0.11 | 1.79 | 0.22 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.12 | 0.11 | 0.07 | 0.16 | 0.03 | 0.03 | 0.13 |
| Waiotapu Stm at Campbell Rd Br | 9 | 0.99 | 0.98 | 0.84 | 1.16 | 0.11 | 0.37 | 1.01 |
| Waiotapu Stm at Homestead Rd Br | 9 | 0.50 | 0.46 | 0.24 | 1.00 | 0.36 | 0.96 | 0.61 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 0.12 | 0.12 | 0.06 | 0.21 | 0.06 | 0.56 | 0.16 |
| Whirinaki Stm at Corbett Rd | 9 | 0.06 | 0.03 | 0.03 | 0.16 | 0.06 | 1.42 | 0.07 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.07 | 0.06 | 0.03 | 0.24 | 0.06 | 2.50 | 0.07 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.14 | 0.13 | 0.08 | 0.21 | 0.11 | 0.33 | 0.12 |
| Manganui River at Off Manganui Rd | 10 | 0.12 | 0.10 | 0.03 | 0.32 | 0.11 | 1.41 | 0.11 |
| Mangaotaki River at SH3 Br | 10 | 0.23 | 0.15 | 0.11 | 0.88 | 0.11 | 2.91 | 0.19 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.19 | 0.17 | 0.07 | 0.45 | 0.12 | 1.27 | 0.16 |
| Mokau River at Awakau Rd | 10 | 0.24 | 0.23 | 0.14 | 0.37 | 0.06 | 0.85 | 0.24 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.20 | 0.17 | 0.11 | 0.44 | 0.09 | 1.66 | 0.22 |
| Mokau River at Totoro Rd Recorder | 10 | 0.23 | 0.18 | 0.14 | 0.53 | 0.08 | 2.18 | 0.23 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.29 | 0.30 | 0.19 | 0.36 | 0.08 | -0.75 | 0.34 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.14 | 0.12 | 0.08 | 0.22 | 0.08 | 0.46 | 0.15 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.12 | 0.11 | 0.07 | 0.22 | 0.04 | 1.30 | 0.12 |
| Tawarau River at Off Speedies Rd | 10 | 0.16 | 0.13 | 0.05 | 0.40 | 0.09 | 1.55 | 0.13 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.22 | 0.21 | 0.16 | 0.29 | 0.07 | 0.51 | 0.26 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.16 | 0.14 | 0.09 | 0.30 | 0.06 | 1.27 | 0.17 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.05 | 0.03 | 0.03 | 0.11 | 0.04 | 1.23 | 0.08 |
| Kuratau River at SH41 Moerangi | 9 | 0.06 | 0.06 | 0.03 | 0.10 | 0.03 | 0.03 | 0.09 |
| Kuratau River at Te Rae Street T10 | 9 | 0.11 | 0.11 | 0.08 | 0.18 | 0.03 | 1.34 | 0.14 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.19 | 0.16 | 0.13 | 0.29 | 0.09 | 0.65 | 0.22 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.04 | 0.03 | 0.03 | 0.09 | 0.03 | 1.92 | 0.06 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.08 | 0.07 | 0.03 | 0.14 | 0.04 | 0.41 | 0.11 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.03 | 0.03 | 0.03 | 0.05 | 0.00 | 3.00 | 0.03 |
| Waihaha River at SH32 | 9 | 0.06 | 0.06 | 0.03 | 0.12 | 0.06 | 0.37 | 0.08 |
| Waitahanui River at Blake Rd | 7 | 0.04 | 0.03 | 0.03 | 0.07 | 0.03 | 1.23 | 0.07 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 0.16 | 0.17 | 0.06 | 0.25 | 0.16 | -0.20 | 0.17 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.08 | 0.08 | 0.05 | 0.11 | 0.04 | 0.00 | 0.11 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.18 | 0.13 | 0.10 | 0.35 | 0.11 | 1.28 | 0.18 |

IQR = Inter quartile range - = less than five-year record available

| Location | Total Nitrogen (g/m ³) | | | | | | | 16-20 median |
|--|------------------------------------|------|--------|------|------|------|-------|-----------------|
| | Count | Mean | Median | Min | Max | IQR | Skew | |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 0.16 | 0.13 | 0.08 | 0.29 | 0.14 | 0.77 | 0.13 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 0.07 | 0.06 | 0.04 | 0.12 | 0.02 | 1.13 | 0.10 |
| Ohinemuri River at Karangahake | 10 | 0.48 | 0.43 | 0.14 | 0.86 | 0.54 | 0.16 | - |
| Ohinemuri River at Queens Head | 10 | 0.81 | 0.91 | 0.16 | 1.38 | 0.88 | -0.33 | 1.38 |
| Ohinemuri River at SH25 Br | 10 | 0.54 | 0.58 | 0.17 | 0.93 | 0.62 | -0.07 | 0.68 |
| Tairua River at Morrisons Br Hikuai | 10 | 0.09 | 0.09 | 0.03 | 0.17 | 0.03 | 0.68 | 0.10 |
| Tapu River at Tapu-Coroglen Rd | 10 | 0.06 | 0.05 | 0.03 | 0.12 | 0.03 | 1.10 | 0.08 |
| Waiau River at E309 Rd Ford | 10 | 0.12 | 0.10 | 0.06 | 0.24 | 0.08 | 1.05 | 0.12 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.20 | 0.19 | 0.06 | 0.36 | 0.19 | 0.26 | 0.24 |
| Waiwawa River at SH25 Coroglen | 10 | 0.09 | 0.09 | 0.03 | 0.13 | 0.06 | -0.45 | 0.10 |
| Wharekawa River at SH25 | 10 | 0.14 | 0.10 | 0.07 | 0.31 | 0.07 | 1.55 | 0.14 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 0.47 | 0.30 | 0.21 | 1.80 | 0.15 | 2.97 | 0.49 |
| Oraka Stm at Lake Rd | 9 | 2.48 | 2.46 | 1.95 | 3.48 | 0.39 | 1.53 | 2.58 |
| Piako River at Kiwitahi | 11 | 1.00 | 0.47 | 0.19 | 2.91 | 1.48 | 1.05 | 1.29 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 1.74 | 1.60 | 0.44 | 4.12 | 1.37 | 1.04 | 2.21 |
| Piakonui Stm at Piakonui Rd | 11 | 0.44 | 0.33 | 0.22 | 0.93 | 0.20 | 1.44 | 0.43 |
| Waihou River at Okauia | 11 | 1.29 | 1.28 | 1.07 | 1.48 | 0.18 | -0.20 | 1.40 |
| Waihou River at Te Aroha | 11 | 1.25 | 1.26 | 1.05 | 1.39 | 0.20 | -0.43 | - |
| Waihou River at Whites Rd | 9 | 0.88 | 0.87 | 0.83 | 1.01 | 0.05 | 1.60 | 0.90 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 0.29 | 0.26 | 0.24 | 0.43 | 0.05 | 1.76 | 0.34 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 0.60 | 0.53 | 0.45 | 0.92 | 0.25 | 0.94 | 0.69 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 0.41 | 0.35 | 0.17 | 1.00 | 0.24 | 1.73 | 0.49 |
| Waitoa River at Landsdowne Rd Br | 11 | 1.63 | 1.68 | 0.90 | 2.12 | 0.41 | -0.68 | 2.04 |
| Waitoa River at Mellon Rd Recorder | 11 | 2.05 | 1.74 | 1.24 | 3.79 | 1.43 | 1.01 | 2.90 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otawa Rd Br opp Moseley Rd | 10 | 1.71 | 1.70 | 0.46 | 2.83 | 0.93 | -0.34 | 2.09 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 0.51 | 0.50 | 0.24 | 0.86 | 0.24 | 0.54 | 0.69 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 0.88 | 0.73 | 0.41 | 1.76 | 0.54 | 1.08 | 1.02 |
| Kirikiri River at Tauhara Dr | 11 | 0.92 | 0.93 | 0.66 | 1.44 | 0.27 | 1.23 | 1.31 |
| Komakorau Stm at Henry Rd | 11 | 2.81 | 2.54 | 2.00 | 4.11 | 1.00 | 0.85 | 3.18 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 1.99 | 2.03 | 1.75 | 2.08 | 0.12 | -1.65 | 2.17 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 2.01 | 1.45 | 0.79 | 4.58 | 1.19 | 1.31 | 2.00 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 3.14 | 3.13 | 2.17 | 3.79 | 0.58 | -0.79 | 3.25 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 2.38 | 2.45 | 1.96 | 2.80 | 0.37 | -0.26 | 2.77 |
| Mangaonua Stm at Hoeka Rd | 11 | 1.63 | 1.62 | 1.15 | 2.06 | 0.21 | -0.23 | 1.85 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 0.82 | 0.54 | 0.35 | 1.95 | 0.71 | 1.29 | 0.78 |
| Mangatangi River at SH2 Maramarua | 10 | 0.60 | 0.39 | 0.18 | 1.51 | 0.81 | 1.00 | 0.63 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 0.17 | 0.13 | 0.10 | 0.41 | 0.06 | 2.36 | 0.19 |
| Mangawara Stm at Rutherford Rd Br | 11 | 1.89 | 1.65 | 1.03 | 4.12 | 0.92 | 1.57 | 2.12 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 2.24 | 2.15 | 1.61 | 3.24 | 0.40 | 1.17 | 2.92 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 1.26 | 1.43 | 0.31 | 2.72 | 1.45 | 0.31 | 1.43 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 5.06 | 4.52 | 3.00 | 8.40 | 2.71 | 0.69 | - |
| Ohaeroa Stm at SH22 Br | 10 | 1.90 | 1.94 | 1.51 | 2.12 | 0.21 | -1.00 | 2.06 |
| Opuatia Stm at Ponganui Rd | 10 | 0.99 | 1.04 | 0.63 | 1.38 | 0.31 | 0.02 | 1.12 |
| Pokaiwhenua Stm at Puketurua | 9 | 2.17 | 2.16 | 1.86 | 2.32 | 0.18 | -1.29 | 2.42 |
| Waahi Stm at Te Ohaki Rd | 11 | 1.03 | 1.10 | 0.60 | 1.40 | 0.51 | -0.24 | - |
| Waerenga Stm at Taniwha Rd | 10 | 0.81 | 0.91 | 0.36 | 1.34 | 0.38 | 0.03 | 1.11 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 1.95 | 1.84 | 1.41 | 3.70 | 0.36 | 2.52 | 2.05 |
| Whakapipi Stm at SH22 Br | 10 | 3.59 | 3.76 | 2.04 | 4.68 | 1.04 | -0.78 | 4.39 |
| Whakauru Stm at U/S SH1 Br | 9 | 2.06 | 1.59 | 1.35 | 5.63 | 0.19 | 2.94 | 1.50 |
| Whangamarino River at Island Block Rd | 10 | 2.32 | 2.16 | 1.77 | 3.67 | 0.51 | 1.75 | 2.02 |
| Whangamarino River at Jefferies Rd Br | 10 | 1.03 | 1.00 | 0.34 | 1.90 | 1.21 | 0.32 | 1.21 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 2.23 | 1.77 | 1.19 | 4.80 | 1.80 | 1.34 | 1.88 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|------|------|------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 0.59 | 0.56 | 0.32 | 0.96 | 0.28 | 0.48 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 0.54 | 0.58 | 0.13 | 1.26 | 0.47 | 0.76 | 0.60 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 0.31 | 0.28 | 0.14 | 0.69 | 0.06 | 1.76 | 0.34 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 0.77 | 0.76 | 0.40 | 1.32 | 0.38 | 0.64 | 1.00 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 1.75 | 1.38 | 0.64 | 3.44 | 1.28 | 0.83 | 2.21 |
| Mangapu River at Otorohanga | 9 | 1.02 | 1.06 | 0.35 | 1.75 | 0.89 | -0.03 | 1.26 |
| Mangarama at Gadsby Rd | 10 | 1.23 | 1.13 | 0.90 | 2.06 | 0.19 | 2.21 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 1.06 | 1.18 | 0.39 | 1.92 | 0.95 | -0.09 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 0.48 | 0.40 | 0.14 | 1.03 | 0.47 | 0.59 | 0.57 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 0.10 | 0.08 | 0.04 | 0.18 | 0.07 | 0.49 | 0.20 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 0.65 | 0.53 | 0.19 | 1.58 | 0.63 | 1.08 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 1.17 | 1.02 | 0.48 | 2.37 | 0.86 | 0.78 | 1.44 |
| Puniu River at Bartons Corner Rd Br | 11 | 0.90 | 0.72 | 0.44 | 1.50 | 0.61 | 0.40 | 0.96 |
| Puniu River at Wharepapa Rd Bridge | 9 | 0.77 | 0.71 | 0.54 | 1.21 | 0.26 | 1.17 | - |
| Waipa River at Mangaokewa Rd | 10 | 0.52 | 0.50 | 0.37 | 0.69 | 0.16 | 0.27 | 0.58 |
| Waipa River at Ngaruawahia Br | 11 | 0.87 | 0.96 | 0.25 | 1.50 | 0.67 | -0.11 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 0.77 | 0.78 | 0.23 | 1.34 | 0.61 | 0.06 | - |
| Waipa River at SH3 Otorohanga | 10 | 0.59 | 0.50 | 0.21 | 1.49 | 0.50 | 1.52 | 0.70 |
| Waitomo Stm at SH31 Otorohanga | 10 | 0.72 | 0.70 | 0.42 | 1.24 | 0.42 | 0.65 | 0.86 |
| Waitomo Stm at Tumutumu Rd | 10 | 0.73 | 0.71 | 0.65 | 0.88 | 0.08 | 1.08 | 0.76 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 3.38 | 3.38 | 3.03 | 3.67 | 0.15 | -0.59 | 3.44 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 0.88 | 0.72 | 0.53 | 1.79 | 0.32 | 1.69 | 0.91 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 1.86 | 1.89 | 1.46 | 2.22 | 0.25 | -0.33 | 1.91 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 0.88 | 0.84 | 0.72 | 1.39 | 0.14 | 2.35 | 0.89 |
| Otamakokore Stm at Hossack Rd | 9 | 1.04 | 1.00 | 0.81 | 1.58 | 0.31 | 1.32 | 1.24 |
| Pueto Stm at Broadlands Rd Br | 8 | 0.72 | 0.71 | 0.66 | 0.89 | 0.04 | 2.30 | 0.73 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 0.88 | 0.85 | 0.58 | 1.21 | 0.27 | 0.20 | 0.95 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 0.75 | 0.75 | 0.68 | 0.88 | 0.11 | 0.73 | 0.77 |
| Waiotapu Stm at Campbell Rd Br | 9 | 2.05 | 2.03 | 1.89 | 2.26 | 0.15 | 0.89 | 2.01 |
| Waiotapu Stm at Homestead Rd Br | 9 | 1.89 | 1.92 | 1.60 | 2.45 | 0.27 | 1.29 | 2.05 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 1.61 | 1.58 | 1.34 | 1.81 | 0.24 | -0.25 | 1.64 |
| Whirinaki Stm at Corbett Rd | 9 | 0.90 | 0.89 | 0.81 | 1.03 | 0.03 | 1.18 | 0.90 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 0.14 | 0.12 | 0.05 | 0.30 | 0.12 | 0.97 | 0.16 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 0.31 | 0.30 | 0.14 | 0.60 | 0.18 | 0.91 | 0.31 |
| Manganui River at Off Manganui Rd | 10 | 0.23 | 0.25 | 0.04 | 0.45 | 0.25 | 0.23 | 0.24 |
| Mangaotaki River at SH3 Br | 10 | 0.87 | 0.85 | 0.50 | 1.32 | 0.51 | 0.41 | 0.94 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 0.44 | 0.41 | 0.28 | 0.77 | 0.18 | 1.15 | 0.43 |
| Mokau River at Awakau Rd | 10 | 0.59 | 0.59 | 0.31 | 1.10 | 0.23 | 1.07 | 0.83 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 0.58 | 0.57 | 0.36 | 0.85 | 0.42 | 0.32 | 0.75 |
| Mokau River at Totoro Rd Recorder | 10 | 0.74 | 0.70 | 0.40 | 1.30 | 0.48 | 0.71 | 0.92 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 0.56 | 0.43 | 0.34 | 1.29 | 0.17 | 1.88 | 0.62 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 0.40 | 0.39 | 0.12 | 0.72 | 0.33 | 0.11 | 0.41 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 0.24 | 0.21 | 0.08 | 0.53 | 0.20 | 0.94 | 0.22 |
| Tawarau River at Off Speedies Rd | 10 | 0.45 | 0.42 | 0.30 | 0.74 | 0.12 | 1.22 | 0.44 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 0.54 | 0.56 | 0.19 | 0.99 | 0.53 | 0.16 | 0.69 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 0.45 | 0.42 | 0.16 | 1.01 | 0.31 | 1.04 | 0.57 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 0.11 | 0.10 | 0.04 | 0.23 | 0.03 | 1.57 | 0.19 |
| Kuratau River at SH41 Moerangi | 9 | 0.17 | 0.18 | 0.11 | 0.22 | 0.06 | -0.47 | 0.34 |
| Kuratau River at Te Rae Street T10 | 9 | 0.68 | 0.67 | 0.54 | 0.81 | 0.12 | -0.09 | 0.81 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 0.94 | 0.95 | 0.84 | 1.06 | 0.12 | 0.16 | 0.97 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 0.08 | 0.08 | 0.05 | 0.14 | 0.03 | 1.17 | 0.12 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 0.08 | 0.08 | 0.03 | 0.14 | 0.05 | 0.31 | 0.11 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.45 | 0.45 | 0.40 | 0.50 | 0.05 | 0.08 | 0.50 |
| Waihaha River at SH32 | 9 | 0.15 | 0.15 | 0.10 | 0.21 | 0.07 | -0.07 | 0.19 |
| Waitahanui River at Blake Rd | 7 | 0.45 | 0.45 | 0.42 | 0.55 | 0.03 | 2.08 | 0.47 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 1.50 | 1.56 | 1.28 | 1.64 | 0.19 | -0.69 | 1.62 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 0.39 | 0.38 | 0.36 | 0.45 | 0.06 | 0.73 | 0.48 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 0.85 | 0.84 | 0.59 | 1.10 | 0.22 | -0.16 | 0.89 |

IQR = Inter quartile range - = less than five-year record available

| Location | Turbidity (NTU) | | | | | | | |
|--|-----------------|------|--------|------|-------|------|-------|--------------|
| | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 1.6 | 1.1 | 0.5 | 4.0 | 1.3 | 1.31 | 1.5 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 1.3 | 0.8 | 0.4 | 3.1 | 1.1 | 1.13 | 1.5 |
| Ohinemuri River at Karangahake | 10 | 1.3 | 0.7 | 0.4 | 5.3 | 0.9 | 2.67 | - |
| Ohinemuri River at Queens Head | 10 | 1.6 | 0.7 | 0.3 | 7.3 | 0.8 | 2.52 | 1.2 |
| Ohinemuri River at SH25 Br | 10 | 1.2 | 1.0 | 0.4 | 3.2 | 1.1 | 1.30 | 1.1 |
| Tairua River at Morrisons Br Hikuai | 10 | 1.1 | 0.7 | 0.4 | 2.6 | 0.3 | 1.67 | 1.0 |
| Tapu River at Tapu-Coroglen Rd | 10 | 1.5 | 0.6 | 0.2 | 4.8 | 2.1 | 1.38 | 1.0 |
| Waiau River at E309 Rd Ford | 10 | 2.3 | 1.4 | 0.5 | 6.1 | 3.0 | 1.19 | 2.9 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 0.7 | 0.5 | 0.3 | 1.7 | 0.5 | 1.90 | 0.8 |
| Waiwawa River at SH25 Coroglen | 10 | 1.8 | 1.3 | 0.5 | 3.7 | 2.6 | 0.71 | 1.5 |
| Wharekawa River at SH25 | 10 | 1.7 | 1.1 | 0.7 | 4.8 | 1.0 | 1.70 | 1.7 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 29.7 | 4.5 | 2.4 | 230.0 | 15.0 | 3.10 | 7.1 |
| Oraka Stm at Lake Rd | 9 | 5.7 | 4.5 | 2.4 | 16.5 | 2.3 | 2.49 | 6.0 |
| Piako River at Kiwitahi | 11 | 3.7 | 1.6 | 0.6 | 24.0 | 1.8 | 3.21 | 3.4 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 6.7 | 5.5 | 2.3 | 19.9 | 2.6 | 2.17 | 9.7 |
| Piakonui Stm at Piakonui Rd | 11 | 6.8 | 2.8 | 1.4 | 41.0 | 1.6 | 3.06 | 4.0 |
| Waihou River at Okauia | 11 | 4.0 | 2.1 | 1.4 | 20.0 | 2.0 | 3.07 | 4.1 |
| Waihou River at Te Aroha | 11 | 3.5 | 2.4 | 1.6 | 9.2 | 2.6 | 1.82 | - |
| Waihou River at Whites Rd | 9 | 0.7 | 0.6 | 0.4 | 1.3 | 0.2 | 1.50 | 0.6 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 4.5 | 3.8 | 2.5 | 12.3 | 1.6 | 2.57 | 4.5 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 3.1 | 2.2 | 1.2 | 5.5 | 2.3 | 0.45 | 4.1 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 4.5 | 3.7 | 0.9 | 11.3 | 4.0 | 1.12 | 6.1 |
| Waitoa River at Landsdowne Rd Br | 11 | 3.1 | 1.7 | 0.7 | 14.6 | 1.7 | 2.80 | 5.1 |
| Waitoa River at Mellon Rd Recorder | 11 | 5.1 | 4.9 | 2.9 | 6.9 | 2.0 | -0.05 | 10.3 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 16.5 | 8.9 | 2.8 | 84.0 | 3.1 | 2.90 | 13.6 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 4.4 | 2.3 | 1.4 | 13.2 | 5.2 | 1.47 | 5.8 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 7.7 | 5.8 | 2.8 | 26.0 | 1.4 | 2.66 | 7.2 |
| Kirikiriroa Stm at Tauhara Dr | 11 | 23.7 | 23.0 | 10.3 | 41.0 | 10.0 | 0.27 | 24.0 |
| Komakorau Stm at Henry Rd | 11 | 76.0 | 72.0 | 55.0 | 120.0 | 26.8 | 1.12 | 79.0 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 2.8 | 2.2 | 1.0 | 8.2 | 2.3 | 1.63 | 2.0 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 21.4 | 19.4 | 6.8 | 59.0 | 9.5 | 2.21 | 19.9 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 11.0 | 4.7 | 3.2 | 50.0 | 4.6 | 2.53 | 5.2 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 10.2 | 9.4 | 6.0 | 21.0 | 1.4 | 2.03 | 9.1 |
| Mangaonua Stm at Hoeka Rd | 11 | 12.7 | 10.6 | 4.6 | 40.0 | 6.0 | 2.39 | 13.3 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 15.9 | 2.6 | 0.7 | 134.0 | 6.9 | 3.26 | 4.2 |
| Mangatangi River at SH2 Maramarua | 10 | 11.9 | 10.0 | 6.0 | 25.0 | 7.3 | 1.29 | 15.1 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 2.8 | 2.9 | 1.0 | 5.0 | 2.8 | 0.09 | 2.9 |
| Mangawara Stm at Rutherford Rd Br | 11 | 41.4 | 43.0 | 21.0 | 62.0 | 18.0 | -0.13 | 46.0 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 78.0 | 49.0 | 26.0 | 290.0 | 27.8 | 2.62 | 46.0 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 29.5 | 26.0 | 9.2 | 54.0 | 18.3 | 0.63 | 35.0 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 82.7 | 84.0 | 34.0 | 154.0 | 38.0 | 0.52 | - |
| Ohaeroa Stm at SH22 Br | 10 | 8.6 | 8.3 | 5.0 | 12.3 | 4.5 | 0.19 | 8.1 |
| Opuatia Stm at Ponganui Rd | 10 | 9.1 | 8.6 | 5.2 | 14.6 | 3.5 | 0.72 | 13.9 |
| Pokaiwhenua Stm at Puketurua | 9 | 4.8 | 2.2 | 1.4 | 24.0 | 1.2 | 2.93 | 3.3 |
| Waahi Stm at Te Ohaki Rd | 11 | 30.4 | 33.0 | 13.5 | 56.0 | 19.2 | 0.52 | - |
| Waerenga Stm at Taniwha Rd | 10 | 7.6 | 5.7 | 2.2 | 28.0 | 2.4 | 2.80 | 8.5 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 29.4 | 29.0 | 20.0 | 39.0 | 11.8 | 0.04 | 33.0 |
| Whakapipi Stm at SH22 Br | 10 | 2.4 | 2.2 | 0.9 | 6.6 | 1.1 | 1.83 | 3.8 |
| Whakauru Stm at U/S SH1 Br | 9 | 23.5 | 8.7 | 5.1 | 145.0 | 2.1 | 2.99 | 8.9 |
| Whangamarino River at Island Block Rd | 10 | 41.4 | 39.5 | 23.0 | 82.0 | 16.0 | 1.74 | 38.0 |
| Whangamarino River at Jefferies Rd Br | 10 | 27.2 | 28.0 | 9.0 | 56.0 | 21.7 | 0.52 | 29.0 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 60.5 | 59.5 | 20.0 | 95.0 | 29.0 | -0.16 | 58.5 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|-----|-------|------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 8.3 | 7.5 | 4.4 | 19.8 | 4.6 | 1.87 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 5.9 | 4.6 | 2.5 | 11.7 | 4.8 | 0.70 | 8.8 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 2.5 | 1.6 | 0.8 | 8.6 | 1.6 | 2.49 | 1.8 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 6.2 | 4.8 | 1.4 | 18.5 | 6.7 | 1.44 | 7.2 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 13.9 | 7.7 | 1.7 | 64.0 | 9.3 | 2.66 | 13.4 |
| Mangapu River at Otorohanga | 9 | 12.5 | 6.7 | 1.7 | 34.0 | 20.3 | 0.84 | 15.4 |
| Mangarama at Gadsby Rd | 10 | 10.1 | 6.2 | 1.6 | 27.0 | 14.8 | 1.06 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 9.2 | 3.8 | 1.7 | 49.0 | 4.9 | 2.81 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 3.2 | 1.6 | 0.6 | 10.0 | 2.2 | 1.67 | 3.5 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 1.3 | 0.8 | 0.4 | 6.9 | 0.5 | 3.05 | 1.3 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 40.0 | 3.6 | 1.5 | 240.0 | 34.5 | 2.57 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 16.6 | 13.1 | 6.8 | 35.0 | 9.7 | 1.28 | 14.3 |
| Puniu River at Bartons Corner Rd Br | 11 | 5.4 | 5.3 | 1.4 | 16.1 | 5.1 | 1.42 | 7.1 |
| Puniu River at Wharepapa Rd Bridge | 9 | 4.6 | 3.1 | 0.9 | 13.3 | 4.8 | 1.40 | - |
| Waipa River at Mangaokewa Rd | 10 | 2.7 | 2.2 | 0.7 | 8.8 | 2.1 | 2.27 | 2.6 |
| Waipa River at Ngaruawahia Br | 11 | 10.4 | 7.7 | 4.5 | 19.9 | 10.1 | 0.79 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 14.3 | 7.7 | 2.8 | 50.0 | 7.8 | 1.68 | - |
| Waipa River at SH3 Otorohanga | 10 | 4.9 | 3.3 | 0.9 | 13.8 | 7.4 | 1.01 | 4.6 |
| Waitomo Stm at SH31 Otorohanga | 10 | 12.8 | 8.0 | 1.5 | 46.0 | 18.2 | 1.69 | 15.6 |
| Waitomo Stm at Tumutumu Rd | 10 | 10.2 | 4.7 | 1.0 | 45.0 | 12.2 | 2.21 | 6.9 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 5.4 | 3.8 | 1.6 | 16.2 | 3.7 | 1.85 | 4.0 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 8.1 | 4.2 | 3.0 | 33.0 | 2.8 | 2.58 | 6.4 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 9.7 | 5.2 | 2.5 | 44.0 | 3.6 | 2.79 | 6.2 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 3.1 | 1.3 | 0.6 | 17.4 | 1.1 | 2.92 | 1.9 |
| Otamakokore Stm at Hossack Rd | 9 | 3.6 | 3.6 | 2.2 | 7.6 | 1.6 | 1.91 | 3.4 |
| Pueto Stm at Broadlands Rd Br | 8 | 2.3 | 2.2 | 1.2 | 4.6 | 0.8 | 1.81 | 2.9 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 3.7 | 2.2 | 1.1 | 10.8 | 2.1 | 1.63 | 3.4 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 2.0 | 1.7 | 0.9 | 5.2 | 1.0 | 2.33 | 1.1 |
| Waiotapu Stm at Campbell Rd Br | 9 | 7.8 | 6.7 | 4.0 | 12.4 | 5.8 | 0.53 | 7.6 |
| Waiotapu Stm at Homestead Rd Br | 9 | 12.7 | 9.6 | 4.4 | 30.0 | 11.8 | 1.07 | 13.6 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 3.5 | 2.7 | 1.9 | 7.2 | 3.0 | 1.20 | 3.4 |
| Whirinaki Stm at Corbett Rd | 9 | 0.7 | 0.5 | 0.3 | 1.1 | 0.5 | 0.54 | 0.6 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 6.6 | 1.1 | 0.4 | 50.0 | 2.4 | 3.07 | 1.4 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 7.7 | 2.5 | 0.5 | 28.0 | 14.7 | 1.33 | 3.3 |
| Manganui River at Off Manganui Rd | 10 | 14.0 | 5.1 | 0.9 | 59.0 | 12.9 | 1.78 | 4.5 |
| Mangaotaki River at SH3 Br | 10 | 13.5 | 3.4 | 0.7 | 93.0 | 5.9 | 3.02 | 5.2 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 10.1 | 5.1 | 1.0 | 36.0 | 16.0 | 1.46 | 5.2 |
| Mokau River at Awakau Rd | 10 | 13.0 | 8.5 | 2.4 | 36.0 | 19.8 | 1.13 | 12.6 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 4.0 | 2.5 | 2.0 | 12.6 | 1.6 | 2.13 | 3.6 |
| Mokau River at Totoro Rd Recorder | 10 | 10.3 | 4.7 | 0.7 | 50.0 | 9.1 | 2.30 | 7.2 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 10.0 | 7.6 | 1.7 | 24.0 | 15.1 | 0.71 | 10.6 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 7.0 | 4.2 | 1.6 | 28.0 | 3.6 | 2.53 | 6.4 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 5.7 | 2.5 | 1.2 | 17.9 | 10.0 | 1.20 | 3.2 |
| Tawarau River at Off Speedies Rd | 10 | 8.3 | 4.2 | 0.9 | 23.0 | 13.4 | 0.83 | 3.9 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 7.3 | 6.5 | 2.4 | 25.0 | 3.9 | 2.75 | 9.1 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 8.2 | 6.2 | 1.6 | 21.0 | 10.5 | 1.05 | 8.5 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 1.0 | 0.9 | 0.6 | 2.3 | 0.4 | 2.12 | 1.2 |
| Kuratau River at SH41 Moerangi | 9 | 1.6 | 1.5 | 1.0 | 3.0 | 0.9 | 1.33 | 1.7 |
| Kuratau River at Te Rae Street T10 | 9 | 1.3 | 1.3 | 0.7 | 2.2 | 0.3 | 1.15 | 1.3 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 2.8 | 2.5 | 1.2 | 4.2 | 1.6 | -0.01 | 3.5 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 1.3 | 0.7 | 0.4 | 4.3 | 1.1 | 2.01 | 1.1 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 1.0 | 1.0 | 0.5 | 1.8 | 0.5 | 0.74 | 1.4 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 0.5 | 0.2 | 0.1 | 2.9 | 0.3 | 2.82 | 0.2 |
| Waihaha River at SH32 | 9 | 0.6 | 0.6 | 0.3 | 1.6 | 0.3 | 1.93 | 0.9 |
| Waitahanui River at Blake Rd | 7 | 0.7 | 0.5 | 0.2 | 1.5 | 0.7 | 0.87 | 1.2 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 1.8 | 1.2 | 0.3 | 4.0 | 2.7 | 0.69 | 1.7 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 1.6 | 1.4 | 0.8 | 3.4 | 0.8 | 1.70 | 1.8 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 3.8 | 3.2 | 1.4 | 10.3 | 1.8 | 1.97 | 3.8 |

IQR = Inter quartile range - = less than five-year record available

| Location | pH | | | | | | | 16-20 median |
|--|-------|------|--------|-----|-----|-----|-------|-----------------|
| | Count | Mean | Median | Min | Max | IQR | Skew | |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 7.1 | 7.1 | 6.7 | 7.5 | 0.5 | 0.01 | 7.1 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 7.2 | 7.2 | 6.9 | 7.7 | 0.3 | 0.84 | 7.2 |
| Ohinemuri River at Karangahake | 10 | 7.7 | 7.4 | 6.6 | 8.7 | 1.3 | 0.18 | - |
| Ohinemuri River at Queens Head | 10 | 7.4 | 7.2 | 6.8 | 8.9 | 0.6 | 1.80 | 7.1 |
| Ohinemuri River at SH25 Br | 10 | 7.4 | 7.5 | 6.9 | 8.2 | 0.7 | 0.33 | 7.2 |
| Tairua River at Morrisons Br Hikuai | 10 | 7.1 | 7.0 | 6.8 | 7.5 | 0.3 | 0.54 | 7.0 |
| Tapu River at Tapu-Coroglen Rd | 10 | 7.5 | 7.5 | 7.0 | 7.8 | 0.4 | -0.74 | 7.5 |
| Waiau River at E309 Rd Ford | 10 | 7.4 | 7.4 | 6.9 | 7.9 | 0.3 | 0.09 | 7.3 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 7.3 | 7.3 | 7.0 | 7.8 | 0.3 | 0.40 | 7.2 |
| Waiwawa River at SH25 Coroglen | 10 | 7.2 | 7.0 | 6.9 | 7.7 | 0.4 | 1.14 | 7.2 |
| Wharekawa River at SH25 | 10 | 7.0 | 7.0 | 6.8 | 7.4 | 0.2 | 0.94 | 7.0 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 7.4 | 7.4 | 7.0 | 7.7 | 0.1 | -0.22 | 7.4 |
| Oraka Stm at Lake Rd | 9 | 7.4 | 7.4 | 7.2 | 7.7 | 0.2 | 0.14 | 7.3 |
| Piako River at Kiwitahi | 11 | 7.1 | 7.2 | 6.4 | 7.4 | 0.1 | -1.69 | 7.2 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 7.3 | 7.3 | 6.7 | 7.6 | 0.3 | -0.99 | 7.3 |
| Piakonui Stm at Piakonui Rd | 11 | 7.3 | 7.3 | 7.1 | 7.8 | 0.3 | 1.14 | 7.3 |
| Waihou River at Okauia | 11 | 7.4 | 7.4 | 7.1 | 7.7 | 0.2 | 0.00 | 7.3 |
| Waihou River at Te Aroha | 11 | 7.3 | 7.3 | 7.0 | 7.6 | 0.2 | -0.17 | - |
| Waihou River at Whites Rd | 9 | 6.9 | 6.9 | 6.5 | 7.1 | 0.2 | -1.18 | 7.0 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 7.3 | 7.3 | 7.2 | 7.4 | 0.1 | 0.50 | 7.2 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 7.3 | 7.3 | 7.0 | 7.5 | 0.2 | -0.21 | 7.2 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 7.4 | 7.5 | 6.9 | 7.6 | 0.4 | -0.69 | 7.3 |
| Waitoa River at Landsdowne Rd Br | 11 | 7.1 | 7.2 | 6.8 | 7.4 | 0.2 | -0.33 | 7.1 |
| Waitoa River at Mellon Rd Recorder | 11 | 7.4 | 7.5 | 6.5 | 7.7 | 0.5 | -1.30 | 7.3 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otaua Rd Br opp Moseley Rd | 10 | 7.6 | 7.4 | 6.6 | 8.9 | 0.8 | 0.81 | 7.3 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 7.7 | 7.8 | 7.1 | 8.2 | 0.5 | -0.58 | 7.8 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 7.2 | 7.3 | 7.0 | 7.5 | 0.3 | -0.09 | 7.3 |
| Kirikirihoa Stm at Tauhara Dr | 11 | 7.0 | 7.0 | 6.8 | 7.3 | 0.2 | 0.90 | 7.0 |
| Komakorau Stm at Henry Rd | 11 | 6.7 | 6.7 | 6.3 | 6.8 | 0.2 | -1.37 | 6.7 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 7.0 | 7.0 | 6.8 | 7.2 | 0.2 | 0.26 | 7.0 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 7.0 | 7.1 | 6.3 | 7.4 | 0.4 | -0.75 | 7.0 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 7.5 | 7.6 | 7.2 | 7.7 | 0.2 | -1.19 | 7.5 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 7.4 | 7.4 | 7.0 | 7.7 | 0.3 | -0.62 | 7.4 |
| Mangaonua Stm at Hoeka Rd | 11 | 7.0 | 7.0 | 6.8 | 7.2 | 0.2 | -0.04 | 7.0 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 7.4 | 7.5 | 6.8 | 7.8 | 0.4 | -0.87 | 7.4 |
| Mangatangi River at SH2 Maramarua | 10 | 7.2 | 7.3 | 7.0 | 7.5 | 0.1 | -0.14 | 7.2 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 7.5 | 7.5 | 7.1 | 7.8 | 0.3 | -0.12 | 7.4 |
| Mangawara Stm at Rutherford Rd Br | 11 | 6.9 | 6.8 | 6.6 | 7.3 | 0.3 | 0.89 | 6.8 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 7.1 | 7.1 | 6.8 | 7.5 | 0.1 | 0.97 | 7.1 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 7.1 | 7.0 | 6.7 | 7.6 | 0.4 | 0.42 | 7.1 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 8.0 | 7.8 | 7.5 | 9.2 | 0.6 | 1.29 | - |
| Ohaeroa Stm at SH22 Br | 10 | 7.5 | 7.5 | 7.0 | 7.8 | 0.3 | -1.20 | 7.5 |
| Opuatia Stm at Ponganui Rd | 10 | 7.5 | 7.5 | 6.8 | 7.8 | 0.4 | -1.26 | 7.5 |
| Pokaiwhenua Stm at Puketurua | 9 | 7.2 | 7.3 | 6.7 | 7.4 | 0.2 | -1.94 | 7.2 |
| Waahi Stm at Te Ohaki Rd | 11 | 7.7 | 7.7 | 7.4 | 8.0 | 0.2 | -0.43 | - |
| Waerenga Stm at Taniwha Rd | 10 | 7.4 | 7.4 | 7.1 | 7.6 | 0.2 | -0.68 | 7.4 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 7.1 | 7.0 | 6.7 | 7.4 | 0.2 | -0.26 | 7.0 |
| Whakapipi Stm at SH22 Br | 10 | 7.4 | 7.4 | 7.0 | 7.6 | 0.3 | -0.46 | 7.4 |
| Whakauru Stm at U/S SH1 Br | 9 | 7.4 | 7.5 | 6.9 | 7.7 | 0.2 | -1.57 | 7.4 |
| Whangamarino River at Island Block Rd | 10 | 7.1 | 7.1 | 6.9 | 7.4 | 0.1 | 0.99 | 7.0 |
| Whangamarino River at Jefferies Rd Br | 10 | 7.2 | 7.3 | 6.5 | 7.4 | 0.1 | -2.84 | 7.2 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 7.6 | 7.6 | 7.0 | 8.2 | 0.4 | 0.05 | 7.6 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|-----|-----|-----|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 7.1 | 7.1 | 6.9 | 7.5 | 0.2 | 0.81 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 7.2 | 7.1 | 6.7 | 7.7 | 0.4 | 0.08 | 7.2 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 7.5 | 7.5 | 7.0 | 7.6 | 0.2 | -1.76 | 7.4 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 7.4 | 7.4 | 7.2 | 7.6 | 0.2 | 0.10 | 7.4 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 7.6 | 7.4 | 6.7 | 8.8 | 1.0 | 0.71 | 7.3 |
| Mangapu River at Otorohanga | 9 | 7.6 | 7.5 | 7.3 | 7.9 | 0.3 | 0.20 | 7.6 |
| Mangarama at Gadsby Rd | 10 | 7.8 | 7.6 | 7.1 | 8.5 | 0.9 | 0.35 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 7.6 | 7.6 | 7.1 | 8.1 | 0.6 | 0.06 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 7.2 | 7.2 | 6.8 | 7.4 | 0.2 | -0.64 | 7.2 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 7.5 | 7.5 | 7.2 | 8.0 | 0.3 | 1.33 | 7.4 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 7.5 | 7.5 | 7.1 | 7.9 | 0.3 | 0.13 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 6.5 | 6.5 | 6.0 | 6.9 | 0.5 | 0.10 | 6.8 |
| Puniu River at Bartons Corner Rd Br | 11 | 7.2 | 7.2 | 6.8 | 7.4 | 0.3 | -0.90 | 7.2 |
| Puniu River at Wharepapa Rd Bridge | 9 | 7.4 | 7.3 | 7.1 | 7.9 | 0.3 | 1.33 | - |
| Waipa River at Mangaokewa Rd | 10 | 7.4 | 7.4 | 7.1 | 7.7 | 0.3 | 0.30 | 7.3 |
| Waipa River at Ngaruawahia Br | 11 | 7.2 | 7.3 | 6.8 | 7.8 | 0.1 | 0.32 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 7.3 | 7.4 | 6.9 | 7.5 | 0.3 | -1.34 | - |
| Waipa River at SH3 Otorohanga | 10 | 7.4 | 7.4 | 7.0 | 7.6 | 0.4 | -0.51 | 7.3 |
| Waitomo Stm at SH31 Otorohanga | 10 | 7.8 | 7.9 | 7.0 | 8.3 | 0.4 | -0.73 | 7.7 |
| Waitomo Stm at Tumutumu Rd | 10 | 7.8 | 7.8 | 7.5 | 8.1 | 0.3 | -0.03 | 7.9 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 7.2 | 7.2 | 6.8 | 7.5 | 0.2 | -0.62 | 7.1 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 7.3 | 7.3 | 7.1 | 7.5 | 0.1 | 0.54 | 7.3 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 7.2 | 7.2 | 6.9 | 7.3 | 0.2 | -1.23 | 7.1 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 7.3 | 7.3 | 6.7 | 7.5 | 0.4 | -1.12 | 7.3 |
| Otamakokore Stm at Hossack Rd | 9 | 8.0 | 8.1 | 7.6 | 8.4 | 0.5 | -0.37 | 8.0 |
| Pueto Stm at Broadlands Rd Br | 8 | 7.4 | 7.4 | 7.0 | 7.6 | 0.3 | -1.00 | 7.4 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 7.6 | 7.6 | 7.3 | 8.0 | 0.3 | 0.45 | 7.5 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 7.3 | 7.3 | 7.2 | 7.6 | 0.2 | 0.70 | 7.3 |
| Waiotapu Stm at Campbell Rd Br | 9 | 5.5 | 5.6 | 4.8 | 5.9 | 0.5 | -1.02 | 5.6 |
| Waiotapu Stm at Homestead Rd Br | 9 | 7.0 | 7.0 | 6.7 | 7.2 | 0.1 | -0.56 | 6.8 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 7.7 | 7.8 | 7.5 | 7.9 | 0.2 | -0.56 | 7.7 |
| Whirinaki Stm at Corbett Rd | 9 | 7.3 | 7.3 | 7.0 | 7.5 | 0.2 | -0.97 | 7.3 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 7.5 | 7.5 | 7.1 | 8.0 | 0.5 | 0.48 | 7.4 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 7.6 | 7.6 | 6.9 | 7.9 | 0.6 | -0.61 | 7.5 |
| Manganui River at Off Manganui Rd | 10 | 7.2 | 7.4 | 6.7 | 7.5 | 0.3 | -0.98 | 7.4 |
| Mangaotaki River at SH3 Br | 10 | 7.6 | 7.8 | 7.0 | 8.0 | 0.5 | -0.96 | 7.8 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 7.7 | 7.7 | 7.4 | 8.1 | 0.3 | 0.34 | 7.8 |
| Mokau River at Awakau Rd | 10 | 7.4 | 7.5 | 7.0 | 7.7 | 0.3 | -0.67 | 7.4 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 7.3 | 7.2 | 7.2 | 7.6 | 0.3 | 0.78 | 7.4 |
| Mokau River at Totoro Rd Recorder | 10 | 7.6 | 7.7 | 7.0 | 7.9 | 0.5 | -0.82 | 7.6 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 7.2 | 7.3 | 6.8 | 7.4 | 0.2 | -1.39 | 7.3 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 7.4 | 7.4 | 6.7 | 7.8 | 0.2 | -1.28 | 7.4 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 7.5 | 7.5 | 7.1 | 7.8 | 0.5 | -0.28 | 7.4 |
| Tawarau River at Off Speedies Rd | 10 | 7.8 | 7.7 | 7.2 | 8.1 | 0.5 | -0.32 | 7.9 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 7.5 | 7.5 | 6.8 | 8.0 | 0.3 | -0.90 | 7.4 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 7.3 | 7.4 | 6.9 | 7.8 | 0.4 | -0.38 | 7.4 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 7.3 | 7.4 | 6.9 | 7.6 | 0.4 | -0.75 | 7.4 |
| Kuratau River at SH41 Moerangi | 9 | 7.0 | 7.0 | 6.9 | 7.2 | 0.2 | 0.54 | 7.1 |
| Kuratau River at Te Rae Street T10 | 9 | 7.5 | 7.5 | 7.1 | 7.9 | 0.2 | 0.46 | 7.4 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 7.5 | 7.5 | 7.2 | 7.7 | 0.2 | -0.30 | 7.4 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 7.3 | 7.3 | 7.1 | 7.5 | 0.1 | 0.21 | 7.3 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 7.5 | 7.5 | 7.0 | 7.8 | 0.2 | -0.93 | 7.4 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 7.3 | 7.3 | 7.0 | 7.5 | 0.2 | -0.27 | 7.2 |
| Waihaha River at SH32 | 9 | 7.1 | 7.2 | 6.8 | 7.3 | 0.2 | -1.13 | 7.2 |
| Waitahanui River at Blake Rd | 7 | 7.6 | 7.6 | 7.4 | 7.7 | 0.1 | -0.28 | 7.5 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 7.4 | 7.4 | 7.2 | 7.6 | 0.1 | 0.21 | 7.4 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 7.3 | 7.4 | 6.9 | 7.6 | 0.2 | -1.03 | 7.3 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 7.4 | 7.4 | 7.2 | 7.6 | 0.2 | 0.26 | 7.4 |

IQR = Inter quartile range - = less than five-year record available

Escherichia coli (/100ml)

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|-------|--------|-----|-------|------|-------|--------------|
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 572 | 455 | 180 | 1300 | 640 | 0.98 | 310 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 159 | 95 | 26 | 900 | 70 | 3.06 | 105 |
| Ohinemuri River at Karangahake | 10 | 194 | 40 | 17 | 1300 | 160 | 2.99 | - |
| Ohinemuri River at Queens Head | 10 | 576 | 55 | 10 | 4400 | 230 | 2.99 | 90 |
| Ohinemuri River at SH25 Br | 10 | 212 | 195 | 100 | 370 | 160 | 0.60 | 150 |
| Tairua River at Morrisons Br Hikuai | 10 | 381 | 130 | 28 | 2200 | 230 | 2.90 | 90 |
| Tapu River at Tapu-Coroglen Rd | 10 | 162 | 85 | 20 | 800 | 100 | 2.81 | 100 |
| Waiau River at E309 Rd Ford | 10 | 159 | 160 | 40 | 320 | 90 | 0.59 | 160 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 133 | 140 | 23 | 230 | 110 | -0.22 | 130 |
| Waiwawa River at SH25 Coroglen | 10 | 159 | 120 | 20 | 500 | 120 | 1.92 | 105 |
| Wharekawa River at SH25 | 10 | 497 | 285 | 140 | 1900 | 300 | 2.32 | 245 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 455 | 170 | 10 | 3000 | 210 | 3.03 | 60 |
| Oraka Stm at Lake Rd | 9 | 1140 | 500 | 30 | 4500 | 1215 | 1.96 | 430 |
| Piako River at Kiwitahi | 11 | 855 | 400 | 60 | 4500 | 373 | 2.62 | 500 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 1215 | 1100 | 310 | 2800 | 1403 | 0.58 | 900 |
| Piakonui Stm at Piakonui Rd | 11 | 335 | 40 | 10 | 2100 | 384 | 2.76 | 90 |
| Waihou River at Okauia | 11 | 355 | 300 | 140 | 900 | 158 | 1.65 | 310 |
| Waihou River at Te Aroha | 11 | 853 | 380 | 180 | 5300 | 200 | 3.16 | - |
| Waihou River at Whites Rd | 9 | 219 | 140 | 60 | 800 | 103 | 2.54 | 90 |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 | 75 | 70 | 6 | 200 | 33 | 1.70 | 47 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 681 | 460 | 280 | 1900 | 495 | 1.92 | 460 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 597 | 390 | 210 | 2000 | 480 | 2.05 | 265 |
| Waitoa River at Landsdowne Rd Br | 11 | 1234 | 1200 | 380 | 3700 | 1023 | 1.86 | 900 |
| Waitoa River at Mellon Rd Recorder | 11 | 1012 | 900 | 190 | 4200 | 670 | 2.70 | 700 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 301 | 195 | 5 | 1400 | 240 | 2.71 | 295 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 285 | 300 | 40 | 510 | 175 | -0.21 | 260 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 1225 | 560 | 90 | 6400 | 1473 | 2.61 | 280 |
| Kirikiriroa Stm at Tauhara Dr | 11 | 787 | 700 | 320 | 1500 | 515 | 0.57 | 600 |
| Komakorau Stm at Henry Rd | 11 | 2455 | 1800 | 500 | 6000 | 2475 | 0.86 | 1700 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 611 | 210 | 60 | 2100 | 600 | 1.58 | 270 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 3147 | 1500 | 210 | 14000 | 2353 | 1.94 | 900 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 4146 | 600 | 300 | 26000 | 3068 | 2.74 | 700 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 1778 | 1050 | 300 | 7200 | 1600 | 2.33 | 700 |
| Mangaonua Stm at Hoeka Rd | 11 | 4236 | 1800 | 700 | 27000 | 1875 | 3.21 | 1500 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 2039 | 220 | 70 | 18000 | 853 | 3.27 | 260 |
| Mangatangi River at SH2 Maramarua | 10 | 936 | 800 | 330 | 2200 | 400 | 1.47 | 590 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 512 | 490 | 190 | 1000 | 560 | 0.46 | 285 |
| Mangawara Stm at Rutherford Rd Br | 11 | 4600 | 2800 | 700 | 16000 | 5425 | 1.67 | 1900 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 4982 | 1000 | 370 | 36000 | 2578 | 3.12 | 900 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 1664 | 1400 | 280 | 7000 | 935 | 2.81 | 800 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 166 | 30 | 5 | 1300 | 70 | 3.12 | - |
| Ohaeroa Stm at SH22 Br | 10 | 1200 | 1200 | 260 | 3000 | 1310 | 0.91 | 465 |
| Opuatia Stm at Ponganui Rd | 10 | 433 | 265 | 120 | 1500 | 380 | 2.18 | 320 |
| Pokaiwhenua Stm at Puketurua | 9 | 1544 | 380 | 150 | 7000 | 1528 | 1.95 | 380 |
| Waahi Stm at Te Ohaki Rd | 11 | 480 | 50 | 20 | 4700 | 67 | 3.31 | - |
| Waerenga Stm at Taniwha Rd | 10 | 1365 | 1150 | 460 | 2900 | 1600 | 0.83 | 1000 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 4045 | 1400 | 300 | 25000 | 2800 | 3.07 | 1400 |
| Whakapipi Stm at SH22 Br | 10 | 420 | 230 | 190 | 1000 | 350 | 1.37 | 410 |
| Whakauru Stm at U/S SH1 Br | 9 | 11113 | 1100 | 200 | 91000 | 1710 | 2.99 | 1000 |
| Whangamarino River at Island Block Rd | 10 | 111 | 85 | 60 | 310 | 30 | 2.53 | 100 |
| Whangamarino River at Jefferies Rd Br | 10 | 1330 | 1050 | 700 | 2700 | 600 | 1.43 | 1100 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 80 | 50 | 8 | 300 | 83 | 1.87 | 80 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|-----|-------|------|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 473 | 320 | 100 | 1300 | 468 | 1.29 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 475 | 500 | 190 | 800 | 428 | -0.07 | 520 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 478 | 60 | 8 | 4400 | 135 | 3.30 | 60 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 924 | 750 | 210 | 2600 | 770 | 1.77 | 600 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 2972 | 900 | 350 | 12000 | 1998 | 1.82 | 900 |
| Mangapu River at Otorohanga | 10 | 3251 | 1650 | 370 | 13000 | 1990 | 1.91 | 800 |
| Mangarama at Gadsby Rd | 10 | 1060 | 525 | 150 | 6000 | 710 | 2.96 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 1520 | 750 | 170 | 8000 | 1020 | 2.82 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 376 | 180 | 40 | 1100 | 403 | 1.24 | 180 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 8 | 6 | 5 | 16 | 5 | 1.37 | 17 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 1484 | 350 | 120 | 10000 | 653 | 2.95 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 593 | 700 | 120 | 1100 | 580 | -0.18 | 470 |
| Puniu River at Bartons Corner Rd Br | 11 | 755 | 170 | 80 | 4300 | 323 | 2.40 | 300 |
| Puniu River at Wharepapa Rd Bridge | 9 | 589 | 210 | 110 | 3700 | 80 | 2.99 | - |
| Waipa River at Mangaokewa Rd | 10 | 661 | 275 | 60 | 2500 | 1060 | 1.66 | 180 |
| Waipa River at Ngaruawahia Br | 11 | 606 | 230 | 90 | 2600 | 605 | 2.07 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 700 | 395 | 140 | 2800 | 730 | 2.11 | - |
| Waipa River at SH3 Otorohanga | 10 | 994 | 415 | 230 | 6000 | 290 | 3.09 | 310 |
| Waitomo Stm at SH31 Otorohanga | 10 | 1442 | 650 | 160 | 8000 | 990 | 2.93 | 900 |
| Waitomo Stm at Tumutumu Rd | 10 | 1114 | 355 | 80 | 7800 | 420 | 3.12 | 265 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 2334 | 1500 | 150 | 9000 | 2525 | 1.72 | 260 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 2800 | 390 | 140 | 22000 | 468 | 2.99 | 300 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 1611 | 900 | 110 | 8100 | 1003 | 2.74 | 290 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 477 | 100 | 20 | 3600 | 63 | 2.99 | 80 |
| Otamakokore Stm at Hossack Rd | 9 | 681 | 530 | 230 | 1500 | 508 | 1.19 | 370 |
| Pueto Stm at Broadlands Rd Br | 8 | 197 | 45 | 26 | 1100 | 120 | 2.62 | 38 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 768 | 210 | 90 | 3300 | 715 | 1.79 | 210 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 332 | 190 | 70 | 1500 | 188 | 2.71 | 130 |
| Waiotapu Stm at Campbell Rd Br | 9 | 13 | 5 | 1 | 50 | 17 | 1.58 | 5 |
| Waiotapu Stm at Homestead Rd Br | 9 | 698 | 270 | 130 | 3500 | 528 | 2.69 | 170 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 240 | 160 | 70 | 600 | 243 | 1.27 | 120 |
| Whirinaki Stm at Corbett Rd | 9 | 182 | 80 | 6 | 800 | 144 | 2.00 | 50 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 186 | 140 | 29 | 700 | 160 | 2.16 | 100 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 605 | 370 | 5 | 2000 | 830 | 1.20 | 195 |
| Manganui River at Off Manganui Rd | 10 | 593 | 245 | 120 | 2600 | 230 | 2.23 | 260 |
| Mangaotaki River at SH3 Br | 10 | 1797 | 360 | 130 | 15000 | 450 | 3.15 | 400 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 666 | 485 | 90 | 2300 | 680 | 1.93 | 230 |
| Mokau River at Awakau Rd | 10 | 294 | 250 | 80 | 800 | 310 | 1.40 | 210 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 346 | 255 | 170 | 900 | 190 | 2.22 | 170 |
| Mokau River at Totoro Rd Recorder | 10 | 598 | 235 | 110 | 4000 | 150 | 3.14 | 220 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 428 | 295 | 40 | 1200 | 460 | 1.17 | 290 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 533 | 350 | 170 | 1600 | 545 | 1.55 | 370 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 511 | 210 | 100 | 1500 | 860 | 1.13 | 205 |
| Tawarau River at Off Speedies Rd | 10 | 566 | 240 | 70 | 1700 | 900 | 1.26 | 230 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 383 | 220 | 100 | 1400 | 365 | 2.17 | 240 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 419 | 300 | 150 | 1100 | 270 | 1.58 | 400 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 81 | 50 | 10 | 210 | 138 | 0.89 | 23 |
| Kuratau River at SH41 Moerangi | 9 | 35 | 27 | 5 | 100 | 58 | 0.82 | 12 |
| Kuratau River at Te Rae Street T10 | 9 | 131 | 70 | 5 | 440 | 173 | 1.45 | 50 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 119 | 120 | 60 | 210 | 70 | 0.65 | 90 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 30 | 20 | 10 | 80 | 33 | 1.35 | 21 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 6 | 5 | 2 | 10 | 1 | 0.75 | 5 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 25 | 20 | 5 | 70 | 24 | 1.43 | 12 |
| Waihaha River at SH32 | 9 | 22 | 20 | 5 | 60 | 28 | 1.13 | 16 |
| Waitahanui River at Blake Rd | 7 | 48 | 30 | 10 | 90 | 66 | 0.33 | 23 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 156 | 150 | 50 | 360 | 83 | 1.51 | 100 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 121 | 34 | 10 | 700 | 45 | 2.76 | 50 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 224 | 130 | 90 | 600 | 193 | 1.57 | 155 |

IQR = Inter quartile range - = less than five-year record available

| Water Temperature (°C) | | | | | | | | |
|--|-------|------|--------|------|------|------|-------|--------------|
| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
| Coromandel | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 | 14.5 | 13.8 | 9.5 | 19.5 | 6.9 | 0.12 | 13.6 |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 | 14.9 | 13.2 | 9.4 | 21.2 | 8.0 | 0.32 | 14.1 |
| Ohinemuri River at Karangahake | 10 | 16.9 | 16.0 | 11.0 | 24.4 | 7.9 | 0.39 | - |
| Ohinemuri River at Queens Head | 10 | 16.8 | 15.8 | 12.1 | 24.4 | 7.1 | 0.52 | 16.0 |
| Ohinemuri River at SH25 Br | 10 | 16.9 | 16.5 | 11.9 | 24.4 | 6.9 | 0.47 | 16.1 |
| Tairua River at Morrisons Br Hikuai | 10 | 16.3 | 15.4 | 12.0 | 23.2 | 7.7 | 0.39 | 15.6 |
| Tapu River at Tapu-Coroglen Rd | 10 | 14.8 | 14.0 | 8.8 | 21.5 | 7.2 | 0.22 | 14.1 |
| Waiau River at E309 Rd Ford | 10 | 14.5 | 13.5 | 9.3 | 19.1 | 5.7 | 0.10 | 13.8 |
| Waitekauri River at U/S Ohinemuri Conflu | 10 | 16.4 | 16.0 | 10.9 | 23.8 | 7.3 | 0.35 | 15.4 |
| Waiwawa River at SH25 Coroglen | 10 | 16.1 | 14.4 | 11.3 | 23.5 | 8.3 | 0.48 | 14.9 |
| Wharekawa River at SH25 | 10 | 16.9 | 16.5 | 11.6 | 22.7 | 7.8 | 0.09 | 15.6 |
| Hauraki | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 | 15.9 | 15.2 | 11.6 | 20.9 | 6.9 | 0.23 | 14.3 |
| Oraka Stm at Lake Rd | 9 | 14.7 | 14.9 | 11.3 | 17.6 | 3.5 | -0.30 | 14.2 |
| Piako River at KIWITAHU | 11 | 14.9 | 15.1 | 10.2 | 20.1 | 8.5 | 0.21 | 15.2 |
| Piako River at Paeroa-Tahuna Rd Br | 11 | 14.3 | 15.3 | 8.8 | 19.2 | 7.8 | -0.15 | 15.6 |
| Piakonui Stm at Piakonui Rd | 11 | 12.8 | 13.3 | 9.3 | 16.8 | 5.5 | 0.06 | 13.5 |
| Waihou River at Okauia | 11 | 13.7 | 14.1 | 10.5 | 16.8 | 4.0 | -0.12 | 14.0 |
| Waihou River at Te Aroha | 11 | 14.1 | 15.0 | 10.6 | 18.0 | 5.7 | -0.03 | - |
| Waihou River at Whites Rd | 9 | 12.9 | 12.9 | 11.9 | 14.3 | 1.1 | 0.25 | 13.1 |
| Waihotu Stm at Waihotu Rd (Off SH5) | 9 | 11.5 | 12.2 | 7.9 | 15.5 | 3.7 | 0.09 | 11.6 |
| Waiomou Stm at Matamata-Tauranga Rd | 11 | 13.1 | 13.5 | 9.3 | 16.9 | 5.5 | -0.11 | 13.4 |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 | 17.4 | 17.0 | 11.7 | 23.2 | 8.7 | 0.20 | 16.1 |
| Waitoa River at Landsdowne Rd Br | 11 | 14.3 | 15.7 | 9.9 | 18.8 | 6.4 | -0.09 | 15.7 |
| Waitoa River at Mellon Rd Recorder | 11 | 14.8 | 15.9 | 9.9 | 20.1 | 8.1 | -0.04 | 16.2 |
| Tributaries to the Lower Waikato | | | | | | | | |
| Awaroa River (Waiuku) at Otatau Rd Br opp Moseley Rd | 10 | 18.1 | 17.8 | 11.9 | 24.1 | 9.0 | 0.09 | 17.2 |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 11 | 14.8 | 13.4 | 11.1 | 19.4 | 6.2 | 0.31 | 15.2 |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 | 14.3 | 14.6 | 10.4 | 18.3 | 6.5 | 0.08 | 14.6 |
| Kirikiriroa Stm at Tauhara Dr | 11 | 14.9 | 15.0 | 11.9 | 18.5 | 4.9 | 0.19 | 15.8 |
| Komakorau Stm at Henry Rd | 11 | 14.8 | 14.1 | 10.3 | 19.9 | 7.1 | 0.33 | 15.0 |
| Little Waipa Stm at Arapuni - Putaruru Rd | 9 | 13.8 | 14.1 | 11.6 | 16.2 | 3.1 | -0.14 | 14.1 |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 | 14.7 | 15.4 | 9.9 | 19.0 | 6.0 | -0.13 | 15.7 |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 | 13.6 | 13.9 | 9.5 | 18.5 | 5.4 | 0.03 | 13.5 |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 10 | 14.6 | 14.0 | 11.3 | 18.3 | 4.4 | 0.24 | 14.2 |
| Mangaonua Stm at Hoeka Rd | 11 | 14.0 | 14.6 | 9.5 | 18.0 | 5.6 | -0.18 | 14.6 |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 | 13.7 | 14.5 | 9.4 | 17.9 | 5.8 | -0.13 | 14.3 |
| Mangatangi River at SH2 Maramarua | 10 | 17.6 | 17.3 | 12.2 | 23.2 | 9.2 | 0.17 | 16.4 |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 | 17.2 | 16.9 | 11.5 | 22.7 | 8.7 | 0.09 | 16.1 |
| Mangawara Stm at Rutherford Rd Br | 11 | 15.2 | 14.0 | 10.7 | 21.2 | 7.8 | 0.41 | 15.8 |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 | 14.0 | 14.5 | 10.5 | 17.3 | 4.5 | -0.12 | 14.6 |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 | 14.7 | 13.7 | 10.5 | 19.8 | 6.8 | 0.26 | 15.4 |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 10 | 18.4 | 19.5 | 11.6 | 26.8 | 9.1 | 0.02 | - |
| Ohaeroa Stm at SH22 Br | 10 | 15.8 | 15.4 | 10.2 | 21.3 | 5.9 | 0.22 | 14.5 |
| Opuatia Stm at Ponganui Rd | 10 | 16.0 | 15.8 | 10.3 | 21.5 | 6.6 | 0.14 | 15.0 |
| Pokaiwhenua Stm at Puketurua | 9 | 13.8 | 14.1 | 10.4 | 17.7 | 4.2 | 0.02 | 13.7 |
| Waahi Stm at Te Ohaki Rd | 11 | 16.3 | 14.0 | 11.2 | 21.8 | 7.5 | 0.29 | - |
| Waerenga Stm at Taniwha Rd | 10 | 15.8 | 16.1 | 10.3 | 20.3 | 6.8 | -0.10 | 14.4 |
| Waitawhiriwhiri Stm at Edgecumbe Street | 11 | 16.1 | 15.8 | 12.9 | 19.7 | 5.3 | 0.31 | 16.9 |
| Whakapipi Stm at SH22 Br | 10 | 16.2 | 15.9 | 11.5 | 21.0 | 6.1 | 0.19 | 15.7 |
| Whakauru Stm at U/S SH1 Br | 9 | 12.3 | 12.6 | 8.9 | 16.4 | 4.0 | 0.11 | 12.5 |
| Whangamarino River at Island Block Rd | 10 | 18.4 | 18.2 | 12.1 | 24.4 | 10.6 | 0.02 | 17.3 |
| Whangamarino River at Jefferies Rd Br | 10 | 16.2 | 16.0 | 10.3 | 21.8 | 7.6 | 0.16 | 15.0 |
| Whangape Stm at Rangiriri-Glen Murray Rd | 10 | 17.9 | 18.2 | 11.9 | 23.6 | 9.5 | -0.04 | 16.7 |

IQR = Inter quartile range - = less than five-year record available

| Location | Count | Mean | Median | Min | Max | IQR | Skew | 16-20 median |
|--|-------|------|--------|------|------|-----|-------|--------------|
| Waipa River and Tributaries | | | | | | | | |
| Firewood Creek at Waingaro Road Bridge | 11 | 13.7 | 13.4 | 9.7 | 17.7 | 6.3 | 0.09 | - |
| Kaniwhaniwha Stm at Wright Rd | 11 | 14.9 | 14.1 | 10.8 | 21.3 | 6.5 | 0.60 | 15.1 |
| Mangaohoi Stm at South Branch Maru Rd | 11 | 14.5 | 14.6 | 10.7 | 20.1 | 3.4 | 0.66 | 14.1 |
| Mangaokewa Stm at Lawrence Street Br | 10 | 13.8 | 13.6 | 10.9 | 17.9 | 3.0 | 0.72 | 13.1 |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 | 17.6 | 18.1 | 11.1 | 26.6 | 7.1 | 0.43 | 17.2 |
| Mangapu River at Otorohanga | 10 | 16.4 | 16.9 | 11.9 | 22.0 | 6.6 | 0.21 | 14.7 |
| Mangarama at Gadsby Rd | 10 | 15.4 | 15.3 | 11.4 | 19.4 | 5.0 | 0.04 | - |
| Mangarapa Stm at Otorohanga Rd | 10 | 16.1 | 16.0 | 11.5 | 21.0 | 7.0 | 0.09 | - |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 | 14.9 | 14.0 | 9.8 | 22.4 | 4.8 | 0.71 | 14.2 |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 | 11.5 | 11.0 | 6.6 | 15.7 | 4.5 | -0.01 | 12.4 |
| Moakururua Stm at Warratah Farm Bridge | 9 | 15.0 | 14.5 | 10.4 | 19.9 | 6.3 | 0.16 | - |
| Ohote Stm at Whatawhata/Horotiu Rd | 11 | 14.8 | 13.2 | 10.9 | 19.5 | 5.6 | 0.24 | 16.1 |
| Puniu River at Bartons Corner Rd Br | 11 | 15.8 | 16.0 | 10.7 | 23.8 | 5.2 | 0.67 | 16.0 |
| Puniu River at Wharepapa Rd Bridge | 9 | 15.3 | 15.8 | 11.0 | 20.2 | 7.2 | 0.19 | - |
| Waipa River at Mangaokewa Rd | 10 | 14.3 | 13.3 | 9.8 | 20.3 | 7.8 | 0.39 | 12.7 |
| Waipa River at Ngaruawahia Br | 11 | 15.2 | 13.4 | 10.5 | 22.1 | 8.2 | 0.49 | - |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 | 15.6 | 15.3 | 10.9 | 21.3 | 6.8 | 0.26 | - |
| Waipa River at SH3 Otorohanga | 10 | 16.1 | 16.3 | 11.1 | 21.9 | 6.3 | 0.22 | 14.3 |
| Waitomo Stm at SH31 Otorohanga | 10 | 15.6 | 15.0 | 11.8 | 20.9 | 5.0 | 0.67 | 14.9 |
| Waitomo Stm at Tumutumu Rd | 10 | 14.0 | 14.2 | 11.7 | 16.5 | 3.2 | 0.08 | 14.0 |
| Tributaries to the Upper Waikato | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 | 15.0 | 15.0 | 12.1 | 18.0 | 4.3 | -0.16 | 15.0 |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 | 13.0 | 13.0 | 10.6 | 15.4 | 3.1 | 0.16 | 13.3 |
| Mangakara Stm (Reporoa) at SH5 | 9 | 13.0 | 13.0 | 9.9 | 16.4 | 3.8 | -0.03 | 13.3 |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 | 12.4 | 12.7 | 9.0 | 16.6 | 5.5 | 0.17 | 12.0 |
| Otamakokore Stm at Hossack Rd | 9 | 20.3 | 19.8 | 17.1 | 24.0 | 5.1 | 0.11 | 19.8 |
| Pueto Stm at Broadlands Rd Br | 8 | 13.5 | 13.1 | 11.5 | 15.5 | 3.4 | 0.23 | 13.7 |
| Tahunaatara Stm at Ohakuri Rd | 9 | 13.4 | 13.3 | 9.2 | 18.4 | 5.1 | 0.16 | 13.2 |
| Torepatutahi Stm at Vaile Rd Br | 9 | 14.4 | 14.0 | 11.3 | 17.4 | 4.1 | -0.04 | 14.0 |
| Waiotapu Stm at Campbell Rd Br | 9 | 27.2 | 27.6 | 23.2 | 30.9 | 5.1 | -0.23 | 27.6 |
| Waiotapu Stm at Homestead Rd Br | 9 | 17.5 | 17.2 | 14.3 | 22.7 | 5.5 | 0.62 | 17.6 |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 | 21.8 | 21.8 | 19.9 | 24.8 | 3.1 | 0.48 | 21.9 |
| Whirinaki Stm at Corbett Rd | 9 | 12.2 | 12.3 | 10.6 | 13.9 | 1.5 | -0.05 | 12.4 |
| West Coast | | | | | | | | |
| Awakino River at Gribbon Rd | 10 | 14.0 | 13.5 | 11.1 | 19.5 | 2.8 | 1.12 | 12.8 |
| Awakino River at SH3 Awakau Rd Junction | 10 | 15.4 | 15.1 | 11.2 | 22.0 | 3.9 | 0.84 | 14.0 |
| Manganui River at Off Manganui Rd | 10 | 14.7 | 14.6 | 11.4 | 18.8 | 3.7 | 0.52 | 13.5 |
| Mangaotaki River at SH3 Br | 10 | 14.0 | 13.8 | 11.0 | 18.1 | 2.7 | 0.74 | 13.4 |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 | 14.2 | 14.2 | 10.9 | 18.1 | 4.3 | 0.23 | 13.8 |
| Mokau River at Awakau Rd | 10 | 16.1 | 15.5 | 11.3 | 23.3 | 6.1 | 0.63 | 14.5 |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 | 13.4 | 12.6 | 10.0 | 18.8 | 5.2 | 0.70 | 12.4 |
| Mokau River at Totoro Rd Recorder | 10 | 15.4 | 15.0 | 11.3 | 20.9 | 5.5 | 0.53 | 14.4 |
| Mokauiti Stm at Three Way Point - Aria | 10 | 16.0 | 15.7 | 11.1 | 22.8 | 6.2 | 0.46 | 14.4 |
| Ohautira Stm at Waingaro Te Uku Rd | 11 | 13.7 | 13.5 | 9.5 | 19.2 | 6.6 | 0.31 | 13.7 |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 | 14.8 | 14.4 | 10.4 | 20.3 | 5.1 | 0.41 | 14.2 |
| Tawarau River at Off Speedies Rd | 10 | 14.2 | 14.0 | 11.1 | 17.9 | 4.1 | 0.26 | 13.6 |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 | 15.3 | 13.1 | 11.0 | 22.3 | 6.9 | 0.59 | 15.6 |
| Waitetuna River at Te Uku-Waingaro Rd | 11 | 14.3 | 13.5 | 10.4 | 19.8 | 6.5 | 0.34 | 14.8 |
| Inflows to Lake Taupo | | | | | | | | |
| Hinemaiaia River at SH1 | 9 | 11.8 | 12.2 | 6.5 | 17.9 | 5.5 | 0.24 | 11.2 |
| Kuratau River at SH41 Moerangi | 9 | 10.2 | 10.4 | 7.3 | 14.4 | 3.6 | 0.55 | 9.8 |
| Kuratau River at Te Rae Street T10 | 9 | 14.0 | 14.0 | 8.5 | 21.0 | 7.6 | 0.44 | 12.4 |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 | 11.0 | 11.4 | 8.8 | 13.3 | 2.3 | -0.09 | 11.1 |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 | 11.4 | 11.5 | 6.9 | 17.2 | 6.2 | 0.35 | 10.6 |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 | 13.7 | 13.2 | 8.6 | 20.4 | 8.8 | 0.33 | 12.6 |
| Tokaanu Stm at Off SH41 Turangi | 9 | 12.4 | 12.1 | 11.4 | 13.8 | 1.5 | 0.58 | 11.9 |
| Waihaha River at SH32 | 9 | 11.9 | 11.2 | 8.1 | 17.9 | 6.2 | 0.54 | 11.2 |
| Waitahanui River at Blake Rd | 7 | 11.3 | 11.1 | 9.6 | 12.6 | 1.4 | -0.40 | 10.8 |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 | 10.6 | 11.0 | 8.0 | 12.5 | 2.8 | -0.41 | 10.5 |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 | 12.8 | 12.8 | 8.2 | 18.4 | 6.2 | 0.18 | 11.3 |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 | 11.5 | 11.8 | 8.5 | 15.3 | 4.8 | 0.18 | 11.1 |

IQR = Inter quartile range - = less than five-year record available

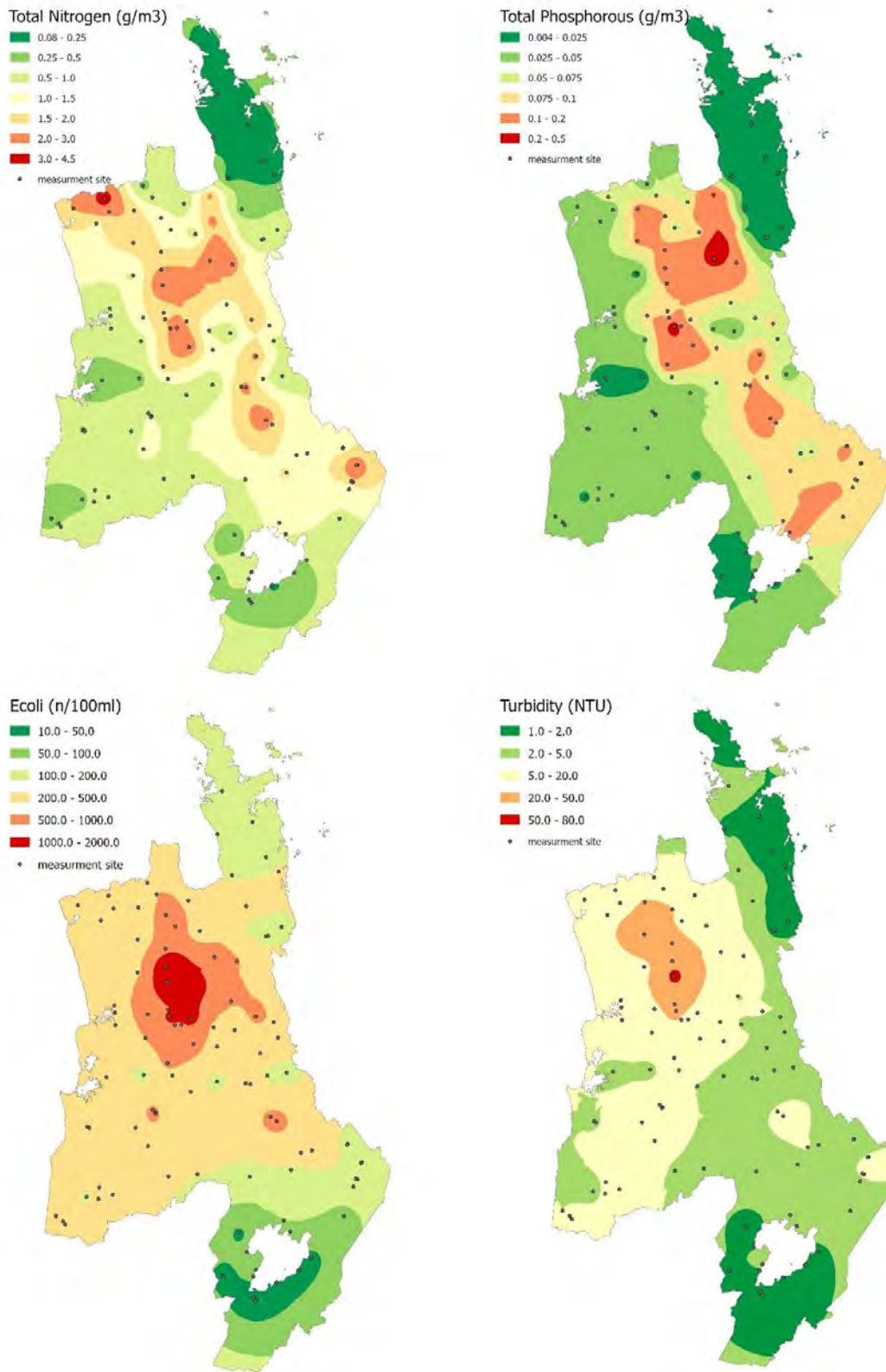


Figure 2: Spatial contour plots of four water quality parameters (based on 5 year median values, 2016-2020); Total Nitrogen, Total Phosphorus, *Escherichia coli*, Turbidity

3.2 Regional rivers monitoring programme comparison with water quality guidelines and standards

Table 4: Number of samples (2020) complying with the "satisfactory" and "excellent" water quality guidelines and standards.

| Location | SATISFACTORY | | | | | | | | | | EXCELLENT | | | | | | | | | |
|---|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-------------------|-----------------|-----------------|-------------------|----------------|-----------------|----------------|----------------|----------------|----------------|
| | ECOLOGICAL HEALTH | | | | | RECREATION | | | | | ECOLOGICAL HEALTH | | | | | RECREATION | | | | |
| | DO | pH | Turb_NTU | NH ₄ N | Temp | TP | TN | BDisk | E coli | Median E coli | DO | pH | Turb_NTU | NH ₄ N | Temp | TP | TN | BDisk | E coli | Median E coli |
| Coromandel | | | | | | | | | | | | | | | | | | | | |
| Hikutaia River at Old Maratoto Rd | 10 ² | 10 ² | 10 ² | 10 ² | 9 ² | 10 ² | 10 ² | 10 ² | 7 ² | N ² | 8 ² | 7 ² | 7 ² | 10 ² | 3 ² | 5 ² | 2 ² | 4 ² | 0 ² | N ² |
| Kauaeranga Rover at Smiths Cableway/Recorder | 10 ² | 10 ² | 10 ² | 10 ² | 9 ² | 10 ² | 10 ² | 10 ² | 9 ² | Y ² | 10 ² | 9 ² | 8 ² | 10 ² | 3 ² | 10 ² | 9 ² | 7 ² | 3 ² | N ² |
| Ohinemuri River at Karangahake | 10 ² | 10 ² | 9 ² | 10 ² | 3 ² | 9 ² | 6 ² | 9 ² | 9 ² | Y ² | 10 ² | 4 ² | 9 ² | 10 ² | 1 ² | 7 ² | 0 ² | 5 ² | 6 ² | N ² |
| Ohinemuri River at Queens Head | 10 ² | 10 ² | 9 ² | 10 ² | 3 ² | 9 ² | 3 ² | 8 ² | 8 ² | Y ² | 10 ² | 6 ² | 8 ² | 8 ² | 1 ² | 6 ² | 0 ² | 8 ² | 5 ² | N ² |
| Ohinemuri River at SH25 Br | 10 ² | 10 ² | 10 ² | 10 ² | 5 ² | 10 ² | 5 ² | 10 ² | 10 ² | N ² | 10 ² | 7 ² | 8 ² | 10 ² | 0 ² | 4 ² | 0 ² | 3 ² | 0 ² | N ² |
| Tairua River at Morrisons Br Hikuai | 10 ² | 10 ² | 10 ² | 10 ² | 4 ² | 10 ² | 10 ² | - | 9 ² | N ² | 10 ² | 9 ² | 8 ² | 10 ² | 2 ² | 10 ² | 8 ² | - | 1 ² | N ² |
| Tapu River at Tapu-Coroglen Rd | 10 ² | 10 ² | 10 ² | 9 ² | 10 ² | 10 ² | 10 ² | 10 ² | 9 ² | Y ² | 10 ² | 10 ² | 7 ² | 10 ² | 3 ² | 10 ² | 9 ² | 7 ² | 3 ² | N ² |
| Waiau River at E309 Rd Ford | 10 ² | 10 ² | 9 ² | 10 ² | 8 ² | 10 ² | 10 ² | 8 ² | 10 ² | N ² | 10 ² | 9 ² | 7 ² | 10 ² | 3 ² | 7 ² | 5 ² | 0 ² | 1 ² | N ² |
| Waitekauri River at U/S Ohinemuri Conflu | 9 ³ | 10 ² | 10 ² | 10 ² | 5 ² | 10 ² | 10 ² | 10 ² | 10 ² | N ² | 9 ³ | 10 ² | 10 ² | 10 ² | 1 ² | 10 ² | 2 ² | 6 ² | 1 ² | N ² |
| Waiwawa River at SH25 Coroglen | 10 ² | 10 ² | 10 ² | 10 ² | 4 ² | 10 ² | 10 ² | 9 ² | 10 ² | Y ² | 10 ² | 8 ² | 7 ² | 10 ² | 2 ² | 10 ² | 5 ² | 4 ² | 2 ² | N ² |
| Wharekawa River at SH25 | 10 ² | 10 ² | 10 ² | 10 ² | 4 ² | 10 ² | 10 ² | 7 ⁴ | 8 ² | N ² | 8 ² | 6 ² | 8 ² | 10 ² | 2 ² | 8 ² | 4 ² | 3 ⁴ | 0 ² | N ² |
| Hauraki | | | | | | | | | | | | | | | | | | | | |
| Mangawhero Stm (Kaihere) at Mangawara Rd | 10 ² | 10 ² | 7 ² | 10 ² | 7 ² | 0 ² | 8 ² | 3 ² | 9 ² | N ² | 10 ² | 10 ² | 0 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ² | 2 ² | N ² |
| Oraka Stm at Lake Rd | 9 ³ | 9 ³ | 6 ³ | 9 ³ | 7 ³ | 0 ³ | 0 ³ | 0 ³ | 5 ³ | N ³ | 9 ³ | 9 ³ | 0 ³ | 7 ³ | 2 ³ | 0 ³ | 0 ³ | 0 ³ | 1 ³ | N ³ |
| Piako River at Kiwitahi | 7 ¹ | 10 ¹ | 10 ¹ | 11 ¹ | 7 ¹ | 2 ¹ | 6 ¹ | 10 ¹ | 8 ¹ | N ¹ | 3 ¹ | 9 ¹ | 6 ¹ | 10 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | 0 ¹ | N ¹ |
| Piako River at Paeroa-Tahuna Rd Br | 7 ¹ | 11 ¹ | 4 ¹ | 11 ¹ | 11 ¹ | 0 ¹ | 1 ¹ | 1 ¹ | 3 ¹ | N ¹ | 1 ¹ | 9 ¹ | 0 ¹ | 10 ¹ | 4 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Piakonui Stm at Piakonui Rd | 11 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 11 ¹ | 10 ¹ | 8 ¹ | 7 ¹ | 9 ¹ | Y ¹ | 11 ¹ | 11 ¹ | 2 ¹ | 11 ¹ | 7 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 6 ¹ | N ¹ |
| Waihou River at Okauia | 11 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 0 ¹ | 2 ¹ | 9 ¹ | N ¹ | 10 ¹ | 11 ¹ | 5 ¹ | 11 ¹ | 4 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Waihou River at Te Aroha | 11 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 0 ¹ | 5 ¹ | 9 ¹ | N ¹ | 4 ¹ | 11 ¹ | 2 ¹ | 11 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Waihou River at Whites Rd | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 7 ³ | 0 ³ | 0 ³ | 9 ³ | 8 ³ | N ³ | 9 ³ | 4 ³ | 9 ³ | 9 ³ | 5 ³ | 0 ³ | 0 ³ | 9 ³ | 0 ³ | N ³ |
| Waiohotu Stm at Waiohotu Rd (Off SH5) | 9 ³ | 9 ³ | 7 ³ | 9 ³ | 9 ³ | 7 ³ | 9 ³ | - | 9 ³ | Y ³ | 9 ³ | 9 ³ | 0 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | - | 3 ³ | N ³ |
| Waiomou Stm at Matamata-Tauranga Rd | 11 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 10 ¹ | 8 ¹ | 4 ¹ | 5 ¹ | 6 ¹ | N ¹ | 11 ¹ | 11 ¹ | 5 ¹ | 11 ¹ | 5 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Waitakaruru River (Hauraki Plains) at Coxhead Rd Br | 10 ² | 10 ² | 7 ² | 10 ² | 4 ² | 4 ² | 8 ² | 5 ² | 6 ² | N ² | 9 ² | 9 ² | 3 ² | 10 ² | 0 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Waitoa River at Landsdowne Rd Br | 8 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 10 ¹ | 6 ¹ | 0 ¹ | 10 ¹ | 3 ¹ | N ¹ | 6 ¹ | 9 ¹ | 6 ¹ | 11 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | 0 ¹ | N ¹ |
| Waitoa River at Mellon Rd Recorder | 3 ¹ | 11 ¹ | 6 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 0 ¹ | 4 ¹ | 4 ¹ | N ¹ | 0 ¹ | 9 ¹ | 0 ¹ | 9 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Tributaries to the Upper Waikato | | | | | | | | | | | | | | | | | | | | |
| Kawaunui Stm at SH5 Br | 9 ³ | 9 ³ | 7 ³ | 9 ³ | 5 ³ | 0 ³ | 0 ³ | 2 ³ | 4 ³ | N ³ | 0 ³ | 8 ³ | 1 ³ | 8 ³ | 2 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Mangaharakeke Stm (Atiamuri) at SH30 (Off Jct SH1) | 9 ³ | 9 ³ | 7 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | 0 ³ | 7 ³ | N ³ | 9 ³ | 9 ³ | 0 ³ | 8 ³ | 5 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Mangakara Stm (Reporoa) at SH5 | 9 ³ | 9 ³ | 4 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | 0 ³ | 3 ³ | N ³ | 8 ³ | 8 ³ | 0 ³ | 9 ³ | 5 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Mangakino Stm (Whakamaru) at Sandel Rd | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 9 ³ | 1 ³ | 0 ³ | 6 ³ | 8 ³ | Y ³ | 9 ³ | 8 ³ | 7 ³ | 9 ³ | 7 ³ | 0 ³ | 0 ³ | 0 ³ | 2 ³ | N ³ |
| Otamakokore Stm at Hossack Rd | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 1 ³ | 0 ³ | 0 ³ | 3 ³ | 5 ³ | N ³ | 6 ³ | 4 ³ | 0 ³ | 8 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Pueto Stm at Broadlands Rd Br | 8 ⁴ | 8 ⁴ | 8 ⁴ | 8 ⁴ | 6 ⁴ | 0 ⁴ | 0 ⁴ | 6 ⁴ | 7 ⁴ | Y ⁴ | 7 ⁴ | 8 ⁴ | 3 ⁴ | 8 ⁴ | 4 ⁴ | 0 ⁴ | 0 ⁴ | 0 ⁴ | 6 ⁴ | N ⁴ |
| Tahunaatara Stm at Ohakuri Rd | 9 ³ | 9 ³ | 7 ³ | 9 ³ | 9 ³ | 1 ³ | 0 ³ | 3 ³ | 7 ³ | N ³ | 9 ³ | 9 ³ | 2 ³ | 9 ³ | 5 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Torepatutahi Stm at Vaile Rd Br | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 7 ³ | 0 ³ | 0 ³ | - | 8 ³ | N ³ | 8 ³ | 9 ³ | 6 ³ | 9 ³ | 2 ³ | 0 ³ | 0 ³ | - | 0 ³ | N ³ |
| Waiotapu Stm at Campbell Rd Br | 9 ³ | 0 ³ | 2 ³ | 1 ³ | 0 ³ | 1 ³ | 0 ³ | 1 ³ | 9 ³ | Y ³ | 2 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | 9 ³ | Y ³ |
| Waiotapu Stm at Homestead Rd Br | 7 ³ | 9 ³ | 2 ³ | 9 ³ | 2 ³ | 0 ³ | 0 ³ | - | 6 ³ | N ³ | 4 ³ | 6 ³ | 0 ³ | 2 ³ | 1 ³ | 0 ³ | 0 ³ | - | 0 ³ | N ³ |
| Waipapa Stm (Mokai) at Tirohanga Rd Br | 9 ³ | 9 ³ | 6 ³ | 9 ³ | 0 ³ | 0 ³ | 0 ³ | 5 ³ | 8 ³ | N ³ | 9 ³ | 9 ³ | 2 ³ | 9 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Whirinaki Stm at Corbett Rd | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | - | 8 ³ | Y ³ | 8 ³ | 9 ³ | 9 ³ | 9 ³ | 5 ³ | 0 ³ | 0 ³ | - | 3 ³ | N ³ |

Waipa River and Tributaries

| | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| Firewood Creek at Waingarō Road Bridge | 9 ² | 11 ¹ | 4 ¹ | 11 ¹ | 10 ¹ | 10 ¹ | 4 ¹ | 1 ¹ | 8 ¹ | N ¹ | 5 ² | 9 ¹ | 0 ¹ | 11 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Kaniwhaniwha Stm at Wright Rd | 11 ¹ | 11 ¹ | 6 ¹ | 11 ¹ | 8 ¹ | 11 ¹ | 5 ¹ | 0 ³ | 7 ¹ | N ¹ | 9 ¹ | 9 ¹ | 0 ¹ | 11 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ³ | 0 ¹ | N ¹ |
| Mangaohoi Stm at South Branch Maru Rd | 11 ¹ | 11 ¹ | 10 ¹ | 11 ¹ | 7 ¹ | 1 ¹ | 10 ¹ | 3 ¹ | 10 ¹ | Y ¹ | 11 ¹ | 11 ¹ | 6 ¹ | 11 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 5 ¹ | N ¹ |
| Mangaokewa Stm at Lawrence Street Br | 10 ² | 10 ² | 5 ² | 10 ² | 9 ² | 7 ² | 2 ² | 4 ² | 3 ² | N ² | 7 ² | 10 ² | 3 ² | 10 ² | 4 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Mangapiko Stm (Pirongia/Te Awamutu) at Bowman Rd | 11 ¹ | 11 ¹ | 3 ¹ | 11 ¹ | 5 ¹ | 0 ¹ | 0 ¹ | 2 ³ | 4 ¹ | N ¹ | 9 ¹ | 7 ¹ | 1 ¹ | 9 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ³ | 0 ¹ | N ¹ |
| Mangapu River at Otorohanga | 9 ² | 9 ³ | 4 ³ | 9 ³ | 5 ² | 5 ³ | 3 ² | 2 ⁵ | 2 ² | N ² | 6 ² | 9 ³ | 2 ³ | 8 ³ | 0 ² | 0 ³ | 0 ² | 0 ⁵ | 0 ² | N ² |
| Mangarama at Gadsby Rd | 9 ² | 10 ² | 4 ² | 10 ² | 7 ² | 7 ³ | 0 ² | - | 5 ² | N ² | 8 ² | 6 ² | 1 ² | 10 ² | 2 ² | 0 ³ | 0 ² | - | 0 ² | N ² |
| Mangarapa Stm at Otorohanga Rd | 9 ² | 10 ² | 7 ² | 10 ² | 5 ² | 6 ³ | 3 ² | 4 ² | 3 ² | N ² | 7 ² | 9 ² | 1 ² | 9 ² | 1 ² | 0 ³ | 0 ² | 0 ⁴ | 0 ² | N ² |
| Mangatutu Stm (Waikeria) at Walker Rd Br | 11 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 6 ¹ | 9 ¹ | 6 ¹ | 6 ¹ | 8 ¹ | N ¹ | 11 ¹ | 10 ¹ | 7 ¹ | 11 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | N ¹ |
| Mangauika Stm at Te Awamutu Borough W/S Intake | 10 ² | 10 ² | 9 ² | 10 ² | 10 ² | 10 ² | 10 ² | 10 ² | 10 ² | Y ² | 10 ² | 10 ² | 9 ² | 10 ² | 8 ² | 4 ² | 6 ² | 2 ² | 10 ² | Y ² |
| Moakururu Stm at Warratah Farm Bridge | 9 ³ | 9 ³ | 5 ³ | 9 ³ | 9 ³ | 5 ³ | 4 ³ | 1 ⁵ | 6 ³ | N ³ | 8 ³ | 9 ³ | 3 ³ | 9 ³ | 2 ³ | 0 ³ | 0 ³ | 0 ⁵ | 0 ³ | N ³ |
| Ohote Stm at Whatawhata/Horotiu Rd | 0 ¹ | 6 ¹ | 0 ¹ | 11 ¹ | 9 ¹ | 1 ¹ | 1 ¹ | 0 ¹ | 5 ¹ | N ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 6 ¹ | 1 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Puniu River at Bartons Corner Rd Br | 11 ¹ | 11 ¹ | 5 ¹ | 11 ¹ | 6 ¹ | 2 ¹ | 1 ¹ | 4 ¹ | 9 ¹ | N ¹ | 10 ¹ | 9 ¹ | 3 ¹ | 11 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Puniu River at Wharepapa Rd Bridge | 9 ³ | 9 ³ | 6 ³ | 9 ³ | 6 ³ | 4 ³ | 0 ³ | 4 ³ | 8 ³ | N ³ | 9 ³ | 9 ³ | 2 ³ | 9 ³ | 1 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Waipa River at Mangaokewa Rd | 10 ² | 10 ² | 9 ² | 10 ² | 8 ² | 10 ² | 5 ² | 6 ² | 7 ² | N ² | 10 ² | 10 ² | 5 ² | 10 ² | 5 ² | 2 ² | 0 ² | 0 ² | 0 ² | N ² |
| Waipa River at Ngaruawahia Br | 10 ¹ | 11 ¹ | 1 ¹ | 11 ¹ | 6 ¹ | 3 ¹ | 3 ¹ | 0 ³ | 7 ¹ | N ¹ | 3 ¹ | 9 ¹ | 0 ¹ | 11 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ³ | 0 ¹ | N ¹ |
| Waipa River at Pukehoua Bridge on Baffin Road | 10 ² | 10 ² | 4 ² | 10 ² | 7 ² | 7 ² | 3 ² | 0 ³ | 7 ² | N ² | 7 ² | 9 ² | 0 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ³ | 0 ² | N ² |
| Waipa River at SH3 Otorohanga | 10 ² | 10 ² | 7 ² | 10 ² | 6 ² | 8 ² | 5 ² | 6 ² | 7 ² | N ² | 9 ² | 10 ² | 5 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Waitomo Stm at SH31 Otorohanga | 10 ² | 10 ² | 4 ² | 10 ² | 5 ² | 7 ² | 3 ² | 2 ² | 4 ² | N ² | 10 ² | 8 ² | 2 ² | 10 ² | 2 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Waitomo Stm at Tumutumu Rd | 10 ² | 10 ² | 5 ² | 10 ² | 7 ² | 8 ² | 0 ² | 3 ³ | 6 ² | N ² | 10 ² | 9 ² | 3 ² | 10 ² | 4 ² | 0 ² | 0 ² | 0 ³ | 0 ² | N ² |

Tributaries to the Lower Waikato

| | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Awaroa River (Waiuku) at Otara Rd Br opp Moseley Rd | 8 ² | 10 ² | 2 ² | 10 ² | 3 ² | 8 ² | 1 ² | 1 ³ | 9 ² | N ² | 8 ² | 7 ² | 0 ² | 9 ² | 0 ² | 0 ² | 0 ² | 0 ³ | 2 ² | N ² |
| Awaroa Stm (Rotowaro) at Sansons Br @ Rotowaro-Huntly Rd | 7 ¹ | 11 ¹ | 8 ¹ | 11 ¹ | 9 ¹ | 11 ¹ | 5 ¹ | 4 ¹ | 11 ¹ | N ¹ | 1 ¹ | 10 ¹ | 4 ¹ | 11 ¹ | 2 ¹ | 6 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | N ¹ |
| Karapiro Stm at Hickey Rd Bridge - Cambridge | 11 ¹ | 11 ¹ | 2 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 1 ¹ | 2 ¹ | 5 ¹ | N ¹ | 5 ¹ | 11 ¹ | 0 ¹ | 10 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Kirikiriōa Stm at Tauhara Dr | 3 ¹ | 11 ¹ | 0 ¹ | 11 ¹ | 7 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 3 ¹ | N ¹ | 0 ¹ | 6 ¹ | 0 ¹ | 1 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Komakorau Stm at Henry Rd | 0 ¹ | 10 ¹ | 0 ¹ | 8 ¹ | 10 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | N ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Little Waipa Stm at Arapuni - Putaruru Rd | 8 ³ | 9 ³ | 7 ³ | 9 ³ | 7 ³ | 0 ³ | 0 ³ | 7 ³ | 7 ³ | N ³ | 7 ³ | 5 ³ | 4 ³ | 9 ³ | 4 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Mangakotukutuku Stm (Rukuhia) at Peacocks Rd | 11 ¹ | 10 ¹ | 0 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 3 ¹ | N ¹ | 5 ¹ | 6 ¹ | 0 ¹ | 4 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Mangamingi Stm (Tokoroa) at Paraonui Rd Br | 9 ³ | 9 ³ | 6 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | 0 ³ | 4 ³ | N ³ | 9 ³ | 9 ³ | 0 ³ | 7 ³ | 5 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Mangaone Stm (Waikato) at Annebrooke Rd Br | 7 ² | 10 ² | 0 ² | 10 ² | 8 ² | 0 ² | 0 ² | 0 ² | 2 ² | N ² | 0 ² | 10 ² | 0 ² | 10 ² | 2 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Mangaonua Stm at Hoeka Rd | 7 ¹ | 11 ¹ | 1 ¹ | 11 ¹ | 10 ¹ | 3 ¹ | 0 ¹ | 1 ¹ | 0 ¹ | N ¹ | 0 ¹ | 8 ¹ | 0 ¹ | 10 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Mangaonua Stm at Te Miro Rd (a.k.a Waitakaruru stm) | 11 ¹ | 11 ¹ | 8 ¹ | 11 ¹ | 10 ¹ | 10 ¹ | 4 ¹ | 4 ¹ | 7 ¹ | N ¹ | 11 ¹ | 10 ¹ | 3 ¹ | 11 ¹ | 4 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Mangatangi River at SH2 Maramarua | 10 ² | 10 ² | 0 ² | 10 ² | 3 ² | 3 ² | 6 ² | 0 ⁶ | 2 ² | N ² | 4 ² | 10 ² | 0 ² | 9 ² | 0 ² | 0 ² | 0 ² | 0 ⁶ | 0 ² | N ² |
| Mangatawhiri River at Lyons Rd At Buckingham Br | 10 ² | 10 ² | 9 ² | 10 ² | 4 ² | 10 ² | 10 ² | 6 ² | 5 ² | N ² | 10 ² | 10 ² | 3 ² | 10 ² | 0 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Mangawara Stm at Rutherford Rd Br | 1 ¹ | 11 ¹ | 0 ¹ | 11 ¹ | 7 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ | 0 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Mangawhero Stm (Cambridge) at Cambridge-Ohaupo Rd | 11 ¹ | 11 ¹ | 0 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 3 ¹ | N ¹ | 0 ¹ | 9 ¹ | 0 ¹ | 5 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Matahuru Stm at Waiterimu Road Below Confluence | 11 ¹ | 11 ¹ | 0 ¹ | 11 ¹ | 10 ¹ | 0 ¹ | 3 ¹ | - | 1 ¹ | N ¹ | 1 ¹ | 6 ¹ | 0 ¹ | 10 ¹ | 1 ¹ | 0 ¹ | 0 ¹ | - | 0 ¹ | N ¹ |
| Northern Outlet Canal (a.k.a.Pungarehu Canal) at D/S of Ctrl Gates | 7 ² | 9 ² | 0 ² | 10 ² | 3 ² | 0 ² | 0 ² | 0 ² | 9 ² | Y ² | 4 ² | 6 ² | 0 ² | 8 ² | 0 ² | 0 ² | 0 ² | 0 ² | 7 ² | N ² |
| Ohaeroa Stm at SH22 Br | 10 ² | 10 ² | 0 ² | 10 ² | 5 ² | 9 ² | 0 ² | 0 ² | 4 ² | N ² | 6 ² | 10 ² | 0 ² | 10 ² | 2 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Opuatia Stm at Ponganui Rd | 9 ² | 10 ² | 0 ² | 10 ² | 6 ² | 10 ² | 0 ² | 0 ³ | 7 ² | N ² | 7 ² | 9 ² | 0 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ³ | 0 ² | N ² |
| Pokaiwhenua Stm at Puketurua | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | 3 ³ | 6 ³ | N ³ | 8 ³ | 8 ³ | 2 ³ | 8 ³ | 4 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Waahi Stm at Te Ohaki Rd | 7 ¹ | 11 ¹ | 0 ¹ | 11 ¹ | 4 ¹ | 7 ¹ | 0 ¹ | 0 ⁶ | 10 ¹ | Y ¹ | 1 ¹ | 11 ¹ | 0 ¹ | 8 ¹ | 1 ¹ | 0 ¹ | 0 ¹ | 0 ⁶ | 7 ¹ | N ¹ |
| Waerenga Stm at Taniwha Rd | 10 ² | 10 ² | 3 ² | 10 ² | 5 ² | 3 ² | 2 ² | 1 ² | 1 ² | N ² | 7 ² | 10 ² | 0 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Waitawhiriwhiri Stm at Edgcombe Street | 7 ¹ | 11 ¹ | 0 ¹ | 10 ¹ | 6 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 1 ¹ | N ¹ | 0 ¹ | 10 ¹ | | | | | | | | |

| West Coast | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Awakino River at Gribbon Rd | 10 ² | 10 ² | 8 ² | 10 ² | 9 ² | 9 ² | 10 ² | 6 ² | 9 ² | N ² | 10 ² | 10 ² | 7 ² | 10 ² | 4 ² | 0 ² | 4 ² | 3 ² | 3 ² | N ² |
| Awakino River at SH3 Awakau Rd Junction | 10 ² | 10 ² | 6 ² | 10 ² | 5 ² | 8 ² | 8 ² | 4 ² | 6 ² | N ² | 10 ² | 9 ² | 4 ² | 10 ² | 1 ² | 0 ² | 0 ² | 2 ² | 1 ² | N ² |
| Manganui River at Off Manganui Rd | 10 ² | 10 ² | 5 ² | 10 ² | 7 ² | 7 ² | 10 ² | 2 ³ | 8 ² | N ² | 9 ² | 8 ² | 3 ² | 10 ² | 3 ² | 0 ² | 3 ² | 0 ³ | 0 ² | N ² |
| Mangaotaki River at SH3 Br | 10 ² | 10 ² | 6 ² | 10 ² | 7 ² | 9 ² | 0 ² | 2 ² | 7 ² | N ² | 10 ² | 10 ² | 3 ² | 10 ² | 4 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Marokopa River at Speedies Rd (Off Te Anga Rd) | 10 ² | 10 ² | 5 ² | 10 ² | 8 ² | 8 ² | 8 ² | 4 ³ | 5 ² | N ² | 10 ² | 9 ² | 4 ² | 10 ² | 3 ² | 0 ² | 0 ² | 0 ³ | 0 ² | N ² |
| Mokau River at Awakau Rd | 9 ² | 10 ² | 3 ² | 10 ² | 6 ² | 7 ² | 4 ² | 0 ² | 9 ² | N ² | 8 ² | 10 ² | 0 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Mokau River at Mangaokewa Rd (Off SH30) | 10 ² | 10 ² | 8 ² | 10 ² | 10 ² | 7 ² | 4 ² | 3 ² | 9 ² | N ² | 8 ² | 10 ² | 0 ² | 10 ² | 3 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Mokau River at Totoro Rd Recorder | 10 ² | 10 ² | 6 ² | 10 ² | 6 ² | 7 ² | 2 ² | 3 ² | 9 ² | N ² | 8 ² | 10 ² | 3 ² | 10 ² | 2 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Mokauti Stm at Three Way Point - Aria | 9 ² | 10 ² | 3 ² | 10 ² | 6 ² | 6 ² | 7 ² | 3 ² | 7 ² | N ² | 7 ² | 9 ² | 2 ² | 10 ² | 1 ² | 0 ² | 0 ² | 0 ² | 1 ² | N ² |
| Ohautira Stm at Waingaro Te Uku Rd | 11 ¹ | 11 ¹ | 6 ¹ | 11 ¹ | 10 ¹ | 6 ¹ | 8 ¹ | 3 ¹ | 7 ¹ | N ¹ | 10 ¹ | 9 ¹ | 1 ¹ | 11 ¹ | 3 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Oparau River at Langdon Rd (Off Okupata Rd) | 10 ² | 10 ² | 7 ² | 10 ² | 9 ² | 10 ² | 9 ² | 5 ² | 7 ² | N ² | 10 ² | 10 ² | 5 ² | 10 ² | 2 ² | 0 ² | 2 ² | 0 ² | 0 ² | N ² |
| Tawarau River at Off Speedies Rd | 10 ² | 10 ² | 5 ² | 10 ² | 9 ² | 8 ² | 8 ² | 5 ² | 7 ² | N ² | 10 ² | 7 ² | 5 ² | 10 ² | 4 ² | 0 ² | 0 ² | 0 ² | 0 ² | N ² |
| Waingaro River (Pukemiro) at Ruakiwi Rd Off SH22 | 11 ¹ | 11 ¹ | 4 ¹ | 11 ¹ | 8 ¹ | 10 ¹ | 4 ¹ | 2 ¹ | 8 ¹ | N ¹ | 10 ¹ | 10 ¹ | 0 ¹ | 11 ¹ | 1 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Waitetuna River at Te Uku-Waingaro Rd | 11 ¹ | 11 ¹ | 4 ¹ | 11 ¹ | 10 ¹ | 9 ¹ | 7 ¹ | 2 ¹ | 9 ¹ | N ¹ | 11 ¹ | 9 ¹ | 1 ¹ | 11 ¹ | 2 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | 0 ¹ | N ¹ |
| Inflows to Lake Taupo | | | | | | | | | | | | | | | | | | | | |
| Hinemaiaia River at SH1 | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 9 ³ | 9 ³ | Y ³ | 9 ³ | 8 ³ | 8 ³ | 9 ³ | 8 ³ | 0 ³ | 5 ³ | 1 ³ | 5 ³ | N ³ |
| Kuratau River at SH41 Moerangi | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | Y ³ | 8 ³ | 7 ³ | 7 ³ | 9 ³ | 9 ³ | 9 ³ | 0 ³ | 3 ³ | 6 ³ | N ³ |
| Kuratau River at Te Rae Street T10 | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 6 ³ | 9 ³ | 0 ³ | - | 9 ³ | Y ³ | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 5 ³ | 2 ³ | 0 ³ | - | 4 ³ | N ³ |
| Mapara Stm (Lake Taupo) at Off Mapara Rd (Whakaipo Res) T1 | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 0 ³ | 0 ³ | 1 ³ | 9 ³ | Y ³ | 3 ³ | 9 ³ | 2 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | 0 ³ | 0 ³ | N ³ |
| Tauranga-Taupo River at 20 Metres U/S SH1 Bridge | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 7 ³ | 9 ³ | Y ³ | 9 ³ | 9 ³ | 7 ³ | 9 ³ | 8 ³ | 0 ³ | 8 ³ | 5 ³ | 8 ³ | Y ³ |
| Tokaanu Power Station Tailrace Canal at SH41 Bridge Over Canal | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 8 ³ | 9 ³ | 9 ³ | - | 9 ³ | Y ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 5 ³ | 3 ³ | 6 ³ | - | 9 ³ | Y ³ |
| Tokaanu Stm at Off SH41 Turangi | 7 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 0 ³ | 9 ³ | - | 9 ³ | Y ³ | 0 ³ | 9 ³ | 8 ³ | 9 ³ | 5 ³ | 0 ³ | 0 ³ | - | 8 ³ | Y ³ |
| Waihaha River at SH32 | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 8 ³ | 9 ³ | Y ³ | 9 ³ | 8 ³ | 9 ³ | 9 ³ | 6 ³ | 0 ³ | 1 ³ | 4 ³ | 8 ³ | Y ³ |
| Waitahanui River at Blake Rd | 7 ⁵ | 7 ⁵ | 7 ⁵ | 7 ⁵ | 7 ⁵ | 0 ⁵ | 6 ⁵ | 7 ⁵ | 7 ⁵ | Y ⁵ | 7 ⁵ | 7 ⁵ | 7 ⁵ | 7 ⁵ | 6 ⁵ | 0 ⁵ | 0 ⁵ | 2 ⁵ | 4 ⁵ | N ⁵ |
| Whangamata Stm (Kinloch) at Whangamata Rd | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 9 ³ | 0 ³ | 0 ³ | - | 9 ³ | N ³ | 9 ³ | 9 ³ | 6 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | - | 1 ³ | N ³ |
| Whanganui Stm at Lakeside Lake Taupo T8 | 8 ⁴ | 8 ⁴ | 8 ⁴ | 8 ⁴ | 8 ⁴ | 8 ⁴ | 8 ⁴ | - | 7 ⁴ | Y ⁴ | 8 ⁴ | 7 ⁴ | 7 ⁴ | 8 ⁴ | 6 ⁴ | 0 ⁴ | 0 ⁴ | - | 6 ⁴ | N ⁴ |
| Whareroa Stm (Taupo) at Lakeside Lake Taupo T9 | 9 ³ | 9 ³ | 7 ³ | 9 ³ | 9 ³ | 8 ³ | 0 ³ | - | 8 ³ | N ³ | 9 ³ | 9 ³ | 2 ³ | 9 ³ | 8 ³ | 0 ³ | 0 ³ | - | 0 ³ | N ³ |

Superscripts denote the number of missing samples when there were fewer than 12 in the year.

Median *E. coli* refers to whether the sample median meets the satisfactory guideline of <126/100 ml or the excellent guideline of <23/100 ml for recreational use

- = not measured

References

- Tulagi A & Salu A 2020. Regional rivers water quality monitoring programme data report 2019. Waikato Regional Council Technical Report 2018/25. Hamilton, Waikato Regional Council.
- Tulagi A 2019 in press. Regional rivers water quality monitoring programme data report 2018. Waikato Regional Council Technical Report 2019/10. Hamilton, Waikato Regional Council.
- Vant B 2018. Trends in river water quality in the Waikato region, 1993-2017. Waikato Regional Council Technical Report 2018/30. Hamilton, Waikato Regional Council.
- Waikato Regional Council (Environment Waikato) 1999. Waikato state of the environment report 1998. Hamilton, Waikato Regional Council (Environment Waikato).

Appendix I: Water quality guidelines and standards

Details of water quality guidelines and standards for “satisfactory” water quality

| Parameter | Critical Value(s) | Source |
|--------------------------------|--|--|
| Dissolved oxygen | >80% of saturation concentration | RMA Third Schedule, Classes AE, F, and FS. |
| pH | 6.5–9 | ANZECC (1992) and Canadian guidelines for freshwater aquatic life (1987). |
| Turbidity | <5 NTU | Studies of adverse effects on underwater light—and thus on plant and invertebrate production—in certain South Island streams (Davies-Colley 1991). |
| Ammoniacal-nitrogen | <0.88 g N/m ³ | USEPA (1998) value for 1-hour exposure at pH 9. |
| Temperature | <12°C (May – Sep) <20°C (Oct – Apr) | Waikato Regional Council Draft Regional Plan standards for trout fisheries and trout spawning (1997). |
| Total phosphorus | <0.04 g/m ³ | From upper quartile values for 77 New Zealand rivers in NIWA’s National Water Quality Network (after Smith & Maasdam 1994)—note that the guidelines for “excellent” conditions are the lower quartile concentrations for these rivers. |
| Total nitrogen | <0.5 g/m ³ | From upper quartile values for 77 New Zealand rivers in NIWA’s National Water Quality Network (after Smith & Maasdam 1994)—note that the guidelines for “excellent” conditions are the lower quartile concentrations for these rivers. |
| Water clarity at baseflow | >1.6 m | “Baseflow” defined as flows less than the upper decile flow. Guideline from Ministry for the Environment (1994). |
| <i>Escherichia coli</i> | <550/100 mL | Ministry of the Environment (2003) Microbiological Water Quality Guidelines for Marine and Freshwater Recreational Areas. |
| Median <i>Escherichia coli</i> | <126/100 mL | Ministry of the Environment (1999) guidelines for the management of recreational and marine shellfish-gathering waters. |

Appendix II: Water quality monitoring parameters

Field instruments and analytical methods

Regional River monitoring programme - water quality parameters and analytical methods

| Id ¹ | Parameter | Method |
|--------------------|---------------------------------------|---|
| A340F | Absorbance @ 340 nm filtered | Spectrophotometer, 1 cm path length, APHA method 5910B |
| A440F | Absorbance @ 440 nm filtered | Spectrophotometer, 1 cm path length, APHA method 5910B |
| A780 | Absorbance @ 780 nm filtered | Spectrophotometer, 1 cm path length, APHA method 5910B |
| BDISK | Black disk | Field measurement, horizontal water transparency (20mm, 60mm, 100mm, 200mm disk) in river or trough (20mm only) |
| COND | Conductivity | Lab Meter @ 25°C. APHA method 2510B |
| DO | Dissolved oxygen | Field measurement (Hach DO meter, model HQ 30d) |
| DO (% Sat) | Dissolved oxygen (percent saturation) | Field measurement (Hach DO meter, model HQ 30d) |
| DRP | Dissolved reactive Phosphorus | Filtered sample. Molybdenum blue colourimetry. Flow injection analyser. APHA 4500-P G (modified) |
| E. coli | Escherichia coli | Membrane Filtration (mFC Agar) confirmation by MUG Agar. APHA method 9222 I |
| ENT | Enterococci bacteria | Membrane Filtration (mE Agar) confirmation by EIA Agar. APHA method 9230 C |
| FC | Faecal coliforms | Membrane Filtration (mFC Agar). APHA method 9222 D |
| NH ₄ -N | Ammoniacal Nitrogen (Total) | Phenol/hypochlorite colourimetry. Flow injection analyser. Filtration. APHA method 4500-NH ₃ H (modified). |
| NNN | Nitrite/Nitrate Nitrogen | Automated Cadmium reduction. Flow injection analyser. APHA method 4500 – NO ₃ ⁻ I (modified). |
| pH | pH | Lab Meter @ 25°C. APHA method 4500-H* B |
| TEMP | Temperature | Field measurement (Hach DO meter, model HQ 30d) |
| TKN | Total Kjeldahl-Nitrogen | Acid digestion. Phenol/Hypochlorite colorimetry. Discrete analyser. APHA method 4500-N _{org} D |
| TN | Total Nitrogen | Calculated from NNN + TKN (Nitrite/Nitrate Nitrogen + Total Kjeldahl-Nitrogen) |
| TP | Total Phosphorus As Reductant | Acid persulphate digestion, Colorimetry. Discrete Analyser. APHA method 4500-P B & E (modified). Also modified to include the use of reductant to eliminate interference from arsenic present in the sample. NAWASCA Pub 38, 1982 |
| TURB | Turbidity | Turbidity Meter Hach 2100N. APHA method 2130 B |

¹ Water quality parameter identification code refers to Waikato Regional Council's water quality database (WISKI) parameter short name.

APHA = Standards Methods for the Examination of Water and Wastewater, 22nd Edition, 2012, APHA, AWWA, WEF