Technical Report G

Stormwater, ITA and Sediment Assessment

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Tonkin+Taylor

Stormwater, ITA and Sediment Assessment

Redvale Landfill Expansion

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1 Introduction

1.1 Background

Tonkin & Taylor Ltd (T+T) has been engaged by WM New Zealand (WMNZ) to provide technical assessments to understand the effects from a proposal to extend the use of Redvale Landfill, north of Auckland (the Project). This report forms part of a suite of technical reports prepared for WMNZ for inclusion in a substantive application for resource consent under the Fast-Track Approvals Act 2024.

This report assesses the actual and potential stormwater, water quality and sediment effects of the Project and is intended to support the Assessment of Environmental Effects (AEE).

1.2 Scope of work

The scope of this Stormwater, ITA and Sediment Assessment includes:

- A review of the existing stormwater system at the site including the existing stormwater ponds;
- An assessment of proposed changes;
- Assessment of management and physical controls at the site; and
- An assessment of erosion and sediment effects and effects of stormwater including flooding and water quality.

1.3 Site description

The Redvale Landfill is located in Dairy Flat, approximately 30 km north of Auckland. Redvale Landfill, including the existing landfilling area and buffer zones, occupies approximately 88 ha in area. The landfill is divided into five main sub-areas for the purpose of describing the work within this application, known as the Northern, Eastern, Western, South-Western and South-Eastern Property.

The Landfill is accessed from the south-east along Landfill Access Road off Dairy Flat Highway, with Horseshoe Bush Road running along part of the northern boundary of the Landfill area. A tributary of the Rangitopuni Stream runs eastwards along the northern and eastern site boundaries towards the Dairy Flat Highway. A full description of the site is provided in the AEE prepared for the project.

The following site features are of particular importance to this assessment:

- The existing landfill footprint.
- The proposed Class 2 footprint extension.
- Stockpile 4.

1.4 Project description

Redvale Landfill is one of only two landfill sites in the Auckland region that can receive 350,000 or more tonnes of waste annually to service the approximately 1.5 million tonnes of waste that the Auckland Region produces each year. Redvale Landfill is currently scheduled to cease accepting waste in December 2028 and due to a delay in obtaining the resource consents required for the establishment and operation of the replacement Auckland Regional Landfill (ARL), WMNZ considers a transition plan is required. To address this potential gap in critical landfill infrastructure for residual waste disposal in the Auckland region, WMNZ is proposing to extend the operation of Redvale to the end of 2036 and develop 4.56 Mm^3 of additional airspace at the existing facility. This includes

3.13 Mm^3 in additional Class 1 Landfill expansion on top of the existing Class 1 refuse placement area and 1.43 Mm^3 of Class 2 Landfill extension. The proposed works include the following:

- **Class 1 landfill expansion**: placement of waste within the existing landfill footprint, involving the removal of final cover and steepening of the final cap slope to accommodate additional waste.
- **Class 2 footprint extension**: extension of the existing landfill to the southwest to accommodate disposal of waste meeting Class 2 landfill waste acceptance criteria (WAC).
- **Relocation of ancillary activities**: the relocation of ancillary activities to allow for the placement of waste.
- **Sediment Retention Ponds**: the removal and filling in of Sediment Retention Pond 6 and the Office Pond while enlarging Pond 1 to capture and treat the stormwater from these catchments.

A full description of the proposal is included in the AEE prepared for the project.

2 Environmental setting

The site is located within Dairy Flat in Auckland within a rural area, although on-going intensification and development of both rural residential dwellings and residential development have occurred within the catchment. Discharges from the site all discharge into the Rangitopuni Stream which flows to the Waitemata Harbour at Riverhead. The landfill is located within the head waters of the catchment with approximately 1,000 hectares of contributing catchment upstream of the landfill including the Dairy Flat township. The total Rangitopuni Stream catchment is approximately 9,000 hectares in area. The Rangitopuni Stream Catchment is shown in Figure 2.1 along with the landfill location (shown as a star).

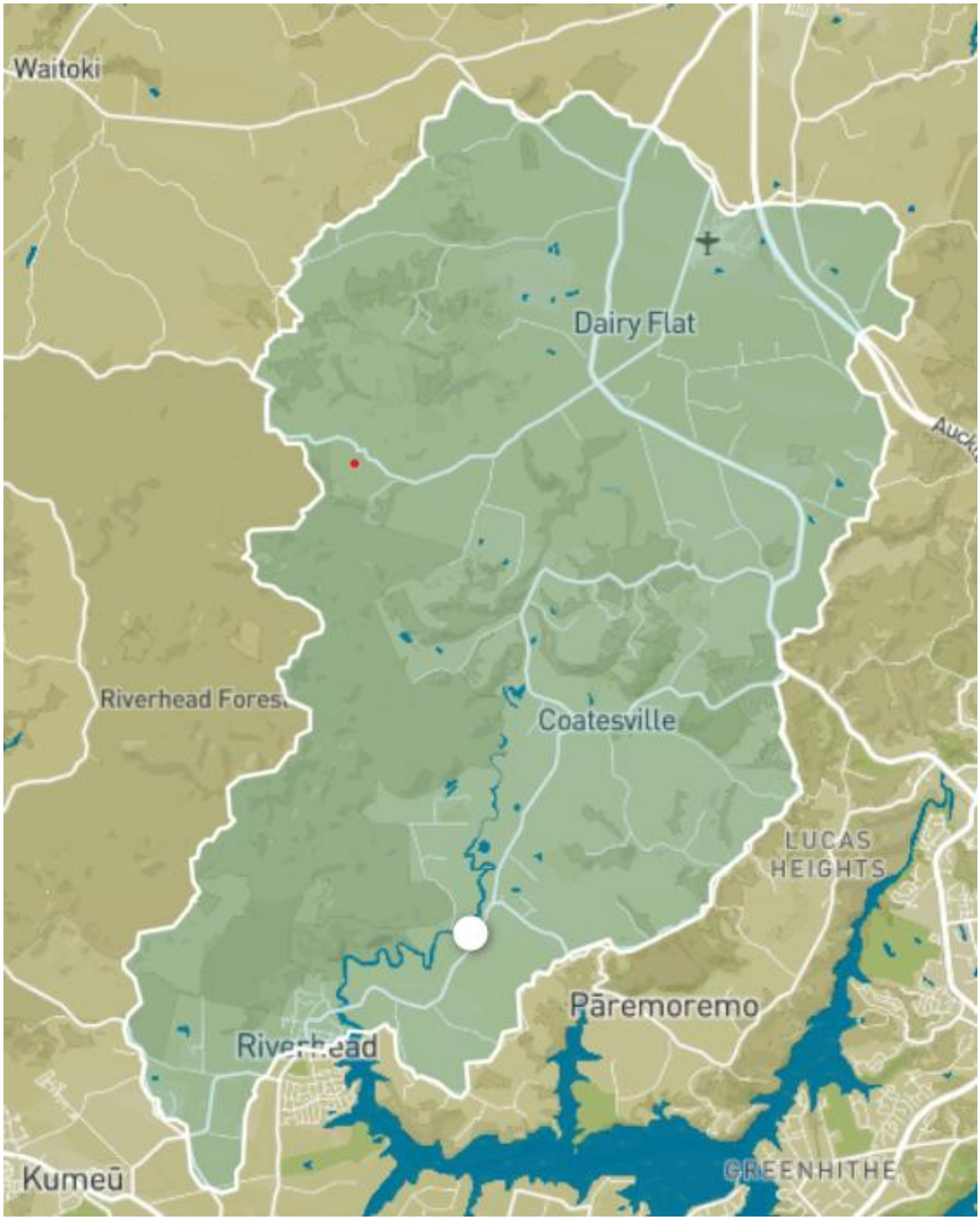

Figure 2.1: Rangitopuni Stream catchment and landfill location ©Mapbox © OpenStreetMap

2.1 Receiving environment

The freshwater ecology values of the receiving environment are outlined in the Ecological Values Assessment prepared by Bioresearches[1]. The assessment identified that there are no intermittent, permanent streams or wetlands within the landfill footprint on the site, with discharges from the stormwater system discharging into the Rangitopuni Stream.

There is one waterbody identified as a natural inland wetland in the Ecological Values Assessment, south-west of Stockpile 4. This appears to be a small western tributary to the Rangitopuni Stream which is also associated with existing overland flow paths. The catchment is approximately 6.29 ha including the stockpile. There are no other waterbodies considered in close proximity to the works.

The Ecological Values Assessment identified that overall aquatic habitats were of low quality with very little variation in habitat diversity, including hydrological features, substrates, organic features and aquatic plant cover across the sites (both upstream and downstream of the landfill).

In particular:

- Freshwater macroinvertebrate communities at all Rangitopuni Stream sites showed poor diversity and the Macroinvertebrate Community Index (MCI) and Semi-Quantitative Macroinvertebrate Community Index (SQMCI) results indicative of “poor” quality habitat;
- Netting and trapping of native fish identified both shortfin and longfin eel and common bully, Crans bully and banded kokopu with the shortfin eel most abundant;
- Water quality within the stream indicated poor dissolved oxygen and elevated temperature and conductivity; and
- Sediment quality throughout the stream indicates accumulation of heavy metals is not occurring in the in-stream sediment.

2.2 Rainfall

The site is located at Dairy Flat, north of Auckland. The closest meteorological station is approximately 7 km east of the site at Awanohi Rainfall @ Okura.

The annual recorded rainfalls for the previous five years are shown in Figure 2.2.

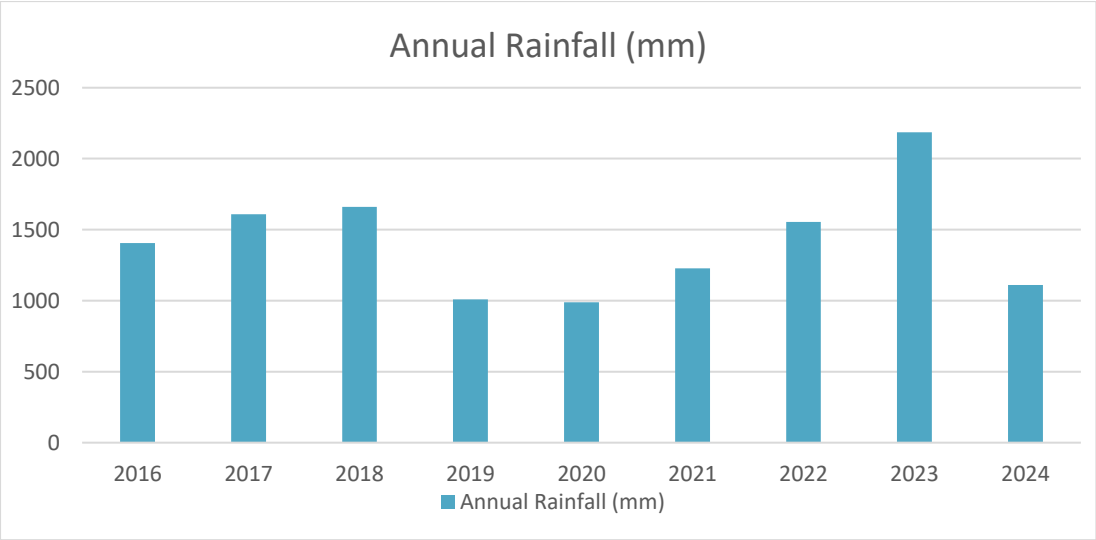

Figure 2.2: Annual rainfall (mm) Awanohi Rainfall @ Okura 2016 to 2024

[1] Redvale Landfill Extension, Ecological Values Assessment for WM New Zealand, July2026.

2.3 Water quality

Water quality monitoring is undertaken at four sites within the Rangitopuni Stream and tributaries as shown on Figure 2.3. Monitoring at the four sites commenced prior to the establishment of the landfill and therefore a comprehensive dataset is available to evaluate current water quality in the Rangitopuni Stream and identity changes in water quality.

Figure 2.3: Water quality monitoring locations

The purpose of each monitoring site is as follows:

- Site 1: Upstream site of Pond 4 discharge, located in a tributary of the Rangitopuni Stream.
- Site 2: Upstream of Pond 1, 2 and 3 discharge points located in the Rangitopuni Stream.
- Site 3: Downstream of all discharges from the landfill into the Rangitopuni Stream.
- Site 4: Upstream of Pond 1 discharges, located in a tributary of the Rangitopuni Stream.

A full assessment of water quality is included in Appendix C including both a comparison against relevant water quality guidelines and statistical analysis.

The analysis indicates that at Site 1, upstream of the majority of the landfill discharges, water quality parameters are generally below the Australian and New Zealand guidelines for fresh and marine water quality (ANZ DGV) for 95% species protection level (SPL) with the exception of metals including zinc, manganese and copper which exceed the 80 % SPL. Monitoring data for Sites 2 and 3 show similar patterns, but with a slightly higher frequency of elevated dissolved copper concentrations at Site 2 and some exceedances of the 95 % SLP for Total ammoniacal nitrogen and dissolved cadmium and chromium at Site 2 and aluminium, lead, zinc and manganese at Site 3.

Monitoring data for Site 4 shows elevated metal concentrations including dissolved coper, zinc and manganese regularly exceeding the 80% SPL. A further review of the monitoring data and site shows that Site 4 does not have a regular flow, with the location typically showing limited flow or dry conditions. Therefore, the monitoring results are not indicative of water quality during flow conditions and interpreting the results in terms of potential effects is difficult.

Non-parametric Kruskal Wallace test results show significant difference across the four sites for ammoniacal N, nitrogen, zinc, lead and manganese. However, the test results for chromium, copper, aluminium and cadmium do not show any significant differences between the sites. Further statistical analysis using the non-parametric post-hoc Dunn test to understand paired differences between individual sites show that the difference between Sites 2 and 3 for ammoniacal nitrogen, total zinc and manganese, are not significant.

Figure 2.4 shows the differences between the sites in a non-metric multidimensional scaling plot.

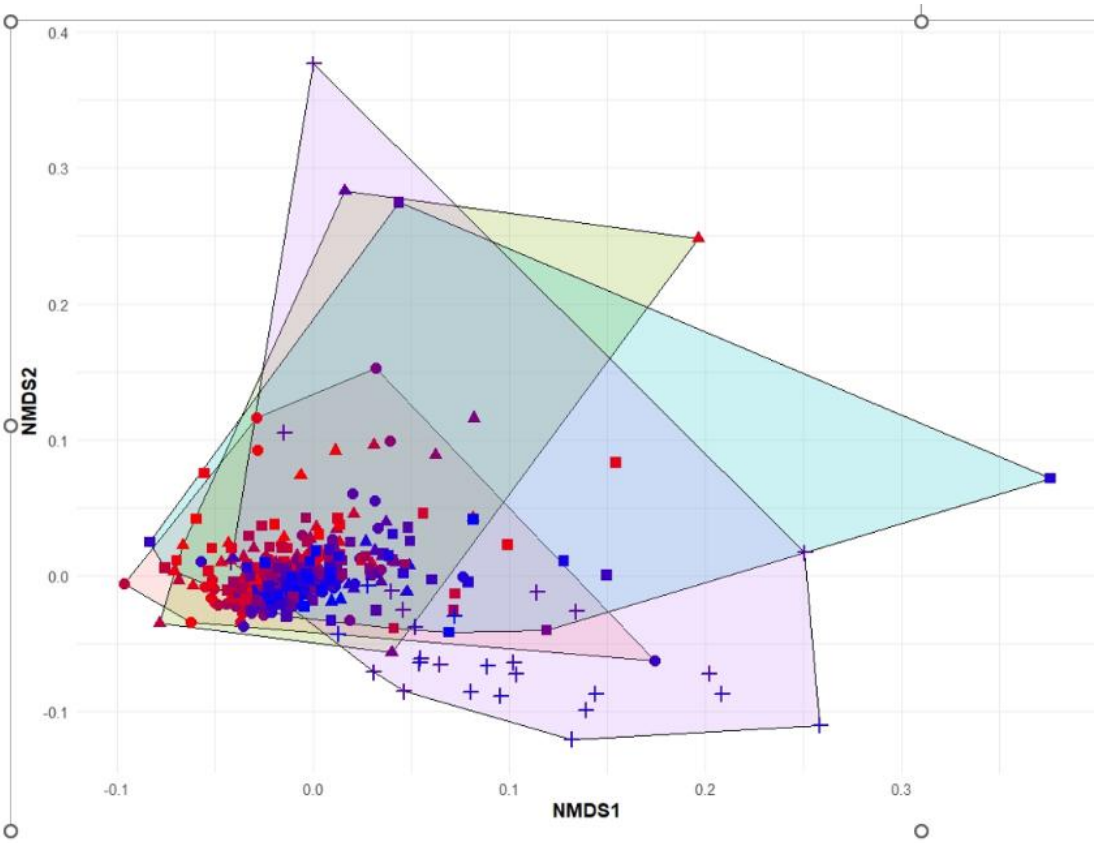

Figure 2.4: NMDS Plot for the period July 1991 to February 2025

Overall, the analysis shows that water quality within the Rangitopuni Stream is generally good, typical of streams located within the rural/urban boundary in the Auckland Region. The analysis does not show any significant differences between the sites with the exception of dissolved zinc although 95% of samples meet the 95% SPL, which would indicate that discharges from the landfill are not having a statistically significant impact on downstream water quality.

2.4 Water quantity

Auckland Council Geomaps identify the Redvale Landfill as being subject to flood hazards including the 1% Annual Exceedance Probability (AEP) floodplain, flood prone areas and overland flow paths.

The flood plain layers included in the Auckland Council Geomaps system were developed based on the Regionwide Rural Rapid Flood Model Build Report, May 2023 which utilised 2016 LIDAR Information. The updated flood model was developed following the Auckland Anniversary 2023 flooding events. The model was based on available LIDAR information and no site-specific drainage information was included. The Flood Hazard Areas identified are based on the above hydraulic modelling including the depth and velocity of flood waters and are used in the classification of risk of

flood hazards (in conjunction with the sensitivity of activities). The modelling is acknowledged to be indicative only.

In the case of the Redvale site, this means that information regarding the on-site water management system, such as the location of culverts, stormwater ponds and diversion systems, was not considered.

The development of the Redvale Landfill commenced in the early 1990s within a former lime quarry. As part of the development of the site, significant changes to the natural drainage systems have been undertaken including the development of a number of stormwater ponds to provide sediment and stormwater management and manage peak flows. Further, the on-going design and contours of the landfill site have been designed to ensure appropriate overland drainage from both operational and capped areas. The mapped flood plain, includes areas of the landfill site which are subject to ongoing development as well as the on-site treatment ponds which have been designed to manage flows up to the 1% AEP event. This includes both the extent of the existing landfill footprint, and the proposed extended footprint with calculations undertaken to demonstrate that the ponds can manage flows up to the 1% AEP event.

Overall, it is considered that the mapped flood plain is not representative of the actual flooding risks on the site, and that there is no evidence to support the presence of a 1% AEP flood plain within the site, particularly considering the existing infrastructure in place.

3 Description of landfill surface water drainage system

3.1 Introduction

A full description of the current surface water drainage system is provided in Section 3.19 LMP (Stormwater Monitoring and Contingency Plan) of the draft Redvale Landfill Management Plan (LMP). A brief summary of the stormwater surface water drainage system is outlined below along with consideration of how this relates to the requirements under the stormwater and Industrial Trade Activity (ITA) resource consent requirements.

The existing site surface water drainage system has been designed to achieve four principal objectives:

a Stormwater run-off which has been in contact with refuse will be kept separate from stormwater from all other places and will be treated as leachate. This run-off is collected as part of the leachate collection system and is not discharged to the environment. Consequently, it is not included in the stormwater or ITA applications.

b Stormwater run-off from the landfill footprint and ITA Area will be controlled to avoid erosion and passed through treatment ponds to reduce sediment and contaminant discharges. This includes stormwater from the landfill footprint, including earthworks construction areas, as well as the workshop, generator centre, and water from the wheel wash.

c Clean stormwater run-off from neighbouring land and land within the site including buffer zones which are outside the landfill or ITA Area will be diverted in separate drainage systems direct to off-site receiving waters. This run-off is not included in the stormwater or ITA applications.

d Stormwater from completed landfill areas (finished contours with final cover in place) will be controlled by permanent drainage systems and by practices such as grassing to minimise erosion. Run-off will be passed through the treatment ponds until closure.

3.2 Surface water drainage system for development area

Surface water from areas within the landfill footprint is directed to one of four treatment pond systems via open drains or a pump system. The current layout is shown on Drawing XX in Appendix B.

The stormwater channels are designed to direct all on-site stormwater from development areas including earthworks construction areas to the ponds while providing for:

- Minimum freeboard at design flow rate of 300 mm.
- Maximum flow velocity in grassed channels at design flow rate of 1.5 m/s.
- Steepest grassed channel side slope of 1:2.5.
- Return period for channel capacity of 50 years.

The areas of the site that are collected in the open drains include the majority of the permanent roadways around the outside extent of the landfill, as well as capped areas which drain towards the perimeter of the landfill.

The remaining areas of the site, which include the majority of the internal areas, flow to the lowest point within the current filling area of the landfill. Pumping systems are maintained to pump stormwater from constructed temporary sumps at the low point to the on-site channels. The main sump pumping system comprises a primary barge-mounted pump, automatic float switching, delivery line to the open drains, equivalent ready-to-switch-on back-up pump, mains power supply, and the site's own back-up power supply.

3.3 Surface water drainage system for ITA Area outside landfill footprint

The main activities located outside the landfill footprint which are determined to be ITA Area include the workshop area, the generator centre and the wheel wash.

The surface water drainage system for the workshop area is comprised of large sumps, which pump to either the wheel wash pond or Pond 1.

Copies of the stormwater drainage plans for these areas are attached as Appendix B.

The surface water drainage areas can be divided into four individual catchments as follows:

1. The workshop area, which includes the diesel tank, refuelling area, waste oil tank, wash bay and primary wash bay areas. The stormwater run-off from these areas is collected in one of two large sumps. These sumps are designed to collect any coarse sediment which can be removed and disposed of appropriately. The surface water is then pumped from the sump to the wheel wash pond.
2. The energy compound has a piped stormwater system, which comprises stormwater cesspits and underground pipes which ultimately discharge overland to the on-site treatment system. The system also collects water from a number of cesspits around the workshop office building.
3. The generator centre fuel area comprises bunded areas with shut-off valves. When stormwater has accumulated, the valves are manually opened with surface water drained through an interceptor system before being discharged to the on-site channel leading to Pond 1.
4. Surface water from around the wheel wash is diverted to the wheel wash pond. The water collected in the wheel wash pond is re-used for the wheel wash system. If surplus water is present in the wheel wash pond, water can be released to the Pond 1 treatment system after testing it in the holding pond. There is currently an additional wheel wash prior to the main wheel wash located within the footprint of the new Class 2 expansion area. Therefore, this wheel wash will be removed as part of the on-going operations.

3.4 Surface water treatment Ponds 1 to 4 – current catchments

The Redvale Landfill has four treatment pond systems for treating surface water from the development areas of the landfill.

The treatment ponds provide both water quality treatment as well as flow buffering before discharge to the Rangitopuni Stream. The ponds were initially designed as part of the original landfill design in the late 1980s and early 1990s. Since they were initially designed, a number of key design guidance documents have been released by the predecessors to the Auckland Council.

The ponds provide multiple functions including:

- Water quality treatment for contaminants in surface water run-off which is required under the ITA rules within the AUP.
- Sediment control during cell development and capping works.
- Water quantity control to minimise high flow rates during peak rainfall events.

The current ponds were originally designed for sediment management in accordance with Auckland Council Technical Publication 2, Erosion and sediment control guidelines for earthworks (1995). The ponds have been evaluated against current council guidance documents and confirm they are consistent with current design standards as summarised in Table 3.1.

Table 3.1: Current design guidance documents

Function	Design document	Design standard
Water quality design	Auckland Council Guideline Document 2017/001, "Stormwater management devices in the Auckland region," (GD01)	Treatment of the Water Quality Volume (WQV).
Water quantity design	GD01	Manage post development peak flows to match predevelopment peak flows for the 2 year, 10 year and 100 year ARI events.
Sediment control	Auckland Council Guideline Document 2016/005, "Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region," (GD05)	Minimum volume of pond of between 2% and 3% depending on site length and slope.

The current pond capacities have been reviewed against the updated guidance to determine if they meet current design guidance. Full calculations are attached in Appendix E.

The catchment areas, modelled peak flows and existing pond size and comparison with the above current design standards are provided in Table 3.2 and Table 3.3.

Table 3.2: Summary of current pond sizes water quality

Pond	Catchment area (ha)	Pond size (m^3)	Required WQV (m^3)	Required GD05 size (2%) (m^3)	Required GD05 size (3%) (m^3)	Are the ponds adequately sized
1	30.5	9920	2450	6100	9150	Yes
2	7.9	9100	640	1580	2370	Yes
3	23.4	17,740	1920	4680	7020	Yes
4	17.9	9760	1260	3580	5370	Yes
Total	79.7	46,520	6270	15,940	23,910	-

The calculations confirm that the current ponds are sufficiently sized to provide appropriate treatment for the water quality volume and sediment control from the current landfill operations.

Table 3.3: Summary of peak flow rates

Pond	Catchment area (ha)	Pre-development peak flows 2 year ARI (m^3/s)	Peak pond outflows 2 year ARI (m^3/s)	Pre-development peak flows 10 year ARI (m^3/s)	Peak pond outflows 10 year ARI (m^3/s)	Pre-development peak flows 100 year ARI (m^3/s)	Peak pond outflows 100 year ARI (m^3/s)	Are the ponds adequately sized to maintain pre-development peak flows
1	30.5	1.57	0.27	2.94	1.53	5.91	5.12	Yes
2	7.9	0.51	0.03	0.95	0.16	1.90	0.52	Yes
3	23.4	1.17	0.00	2.18	0.22	4.38	1.35	Yes
4	17.9	1.19	0.06	2.23	0.46	4.46	3.62	Yes

The summary of pre-development and the outflows from the ponds confirms that for all four ponds, peak flows from the ponds are less than the pre-development peak for all rainfall events modelled.

3.5 Surface water treatment Ponds 1 to 4 – future catchments

To enable the expansion to be undertaken, modifications to the existing pond catchments will be required as well as modifications to Pond 1.

The proposed changes include:

- Diversion of the Pond 6 catchment to Pond 1 to allow for the expansion of the landfill footprint over existing Pond 6. All ancillary areas diverted to Pond 1.
- Filling in of the pond adjacent to the main office and diversion of the catchment to Pond 1.
- Diversion of the existing Pond 1 catchment to Pond 2.
- Expansion of Pond 1 to approximately 13,500 m^3 from the existing 9,920 m^3 due to existing flows to the off-site channel and balance pond being diverted to Pond 1, the area comprising the existing channel and balance pond will be used to expand Pond 1.

In addition, the contributing catchments for Ponds 2, 3 and 4 will be managed to ensure that they meet a minimum of 200 m^2 pond volume per hectare.

Figure 3 in Appendix B shows the proposed future catchments for Ponds 1 to 4. The catchment areas, modelled peak flows and pond sizes, and comparison with the above current design standards are provided in Table 3.4.

Table 3.4: Summary of proposed pond sizes water quality

Pond	Catchment area (ha)	Pond size (m^3)	Required WQV (m^3)	Required GD05 size (2%) (m^3)	Required GD05 size (3%) (m^3)	Are the ponds adequately sized
1	34	13,500	2731	6800	10,200	Yes
2	11.5	9100	930	2300	3450	Yes
3	23.4	17,740	1920	4680	7020	Yes
4	17.9	9760	1260	3580	5370	Yes
Total	86.8	50,100	6841	17,360 m^3	26,040	-

Based on the increased catchment and Pond 1 expansion, the overall pond volume to catchment area has changed from 5.84 to 5.77 % which is 0.07 % reduction, but still nearly twice the recommended minimum sizing of 3 % as described in GD05.

As the proposed catchment areas for Ponds 1 and 2 are proposed to increase, we have also assessed whether the expanded Pond 1 and the existing Pond 2 have sufficient capacity to detain the difference between the proposed post-development flows and the pre-development flows. We have considered two scenarios, being the post-development compared to the original 2013 design calculations and secondly, pre and post development based on current 2026 calculations with an allowance for climate change. The results are outlined in Table 3.5 to Table 3.8.

Table 3.5: Pre-development based on 2013 calculations and post-development at 34 hectare catchment 2026 calculations

	2013 design pre-development 24 hour volumes (m^3)	Post-development 24 hour volumes (m^3)	Difference (m^3)	Less than proposed detention volumes
2 year	12,744	14,081	1,337	Yes
10 year	23,496	25,829	2,333	Yes
100 year	47,000	48,380	1,380	Yes

Table 3.6: Pond 2: Pre-development based on 2013 calculations and post-development at 11.4 ha catchment 2026 calculations

	2013 design pre-development 24 hour volumes (m^3)	Post-development 24 hour volumes (m^3)	Difference (m^3)	Less than proposed detention volumes
2 year	3,289	4,753	1,464	Yes
10 year	6,063	8,649	2,586	Yes
100 year	12,126	14,961	2,835	Yes

Table 3.7: Pond 1: Pre-development and post-development based on 2026 calculations with allowance for CC

	Pre-development 24 hour volumes (m^3)	Post-development 24 hour volumes (m^3)	Difference (m^3)	Less than proposed detention volumes
2 year	15,205	20,173	4,968	Yes
10 year	29,249	37,314	8,065	Yes
100 year	51,432	63,627	12,195	Yes

Table 3.8: Pond 2: Pre-development and post-development based on 2026 calculations with allowance for CC

	Pre-development 24 hour volumes (m^3)	Post-development 24 hour volumes (m^3)	Difference (m^3)	Less than proposed detention volumes
2 year	3,924	6,754	2,830	Yes
10 year	7,547	12,497	4,950	Yes
100 year	13,269	21,318	8,049	Yes

Based on the calculation, the ponds have sufficient capacity and no changes to the outlets from the Ponds are proposed, and therefore, the existing outlet peak flows will be maintained.

4 Stockpile 4 excavation

4.1 Introduction

Stockpile 4 was developed to place material excavated during the construction of the landfill for re-use during future development and closure of the landfill. The original stockpile 4 area comprised a total area of 5.3 ha storing approximately 700,000 m^3 of soil. Under the current consent, the volume proposed to be excavated and used is approximately 550,000 m^3. Works associated with Stockpile 4 will be undertake in a staged manner comprising Stages 1 to 3. The current staging plan is shown on Drawing 1092369.3000-C50 in the Engineering Drawing Set. The stockpile may also be used for the temporary stockpiling of material as part of the extension works.

All three stages will utilise the existing sediment retention pond shown as on Drawing 1092369.3000-C50 in the Engineering Drawing Set. This was originally constructed during the establishment of the stockpile.

The proposed surface water drainage and sediment control measures for each stage are outlined in the following sections.

4.2 Drainage system

Stockpile 4 is located to the south-west of the Redvale Landfill waste footprint, as shown in Figure 4.1.

Figure 4.1: Stockpile 4 Location plan.

Auckland Council GeoMaps identifies overland flow paths located on the site, shown in Figure 4.2. The overland flow paths match the existing stormwater drainage paths at the site and reflect the design and flow paths of the existing stockpile with the overland flows flowing to the existing sediment retention pond.

Figure 4.2: Indicative overland flow paths shown on Auckland Council GeoMaps.

4.3 Sediment retention pond

The on-going use of Stockpile 4 will continue to utilise the existing sediment retention pond constructed during the establishment of Pond 4 along with the additional forebay constructed at the base of the stockpile.

The current pond capacity has been reviewed to confirm it meets the guidance within GD05. The pond and forebay has an overall volume of approximately 450 m^3. Based on the length of the catchment, the maximum catchment area at a 300 m^2 per hectare is recommended which means that the maximum catchment area for the sediment retention pond is 1.5 hectares. Based on the proposed staging plan, the largest catchment area is 1.4 hectares which is within the design capacity of the sediment retention pond and forebay.

5 Industrial and trade activities

5.1 Contaminant sources and controls

The activities with the potential to generate contaminants have been identified in Table 5.1 below.

A summary of these environmental aspects, the potential contaminants associated with these activities and physical and procedural controls in place to minimise environmental effects are outlined in Table 5.1. This includes reference to the relevant section(s) of the Redvale Landfill Management Plan where the existing controls and procedures are outlined.

Table 5.1: Summary of contaminant sources and controls

Site area	Activities	Potential contaminants	Physical controls	Procedural/ documentation controls
Main workshop	Diesel tank (40,000L above ground)	Hydrocarbons	Secondary containment of diesel tank.	Section 3.17 LMP – Emergency Management Plan Section 3.18 LMP – Environmental Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan Stationary Container Test Certificate under HSNO
	Refuelling area	Hydrocarbons	Refuelling area is roofed. Run-off directed to wash bay sump which passes through interceptor and pumped to wheel wash pond.	Section 3.17 LMP – Emergency Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
	Wash area	Oils/ greases, suspended solids, heavy metals	Run-off directed to wash bay sump which passes through interceptor and pumped to wheel wash pond.	Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
	Waste oil tank (2,000L)	Hydrocarbons	Secondary containment of waste oil tank.	Section 3.17 LMP – Emergency Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan Section 3.18 LMP – Environmental Management Plan
	Compressor room	Hydrocarbons	Secondary containment of compressor room.	Section 3.17 LMP – Emergency Management Plan
	Dangerous goods store	Oils/ greases	Secondary containment of dangerous goods store with standalone sump system.	Section 3.17 LMP – Emergency Management Plan Section 3.18 LMP – Environmental Management Plan
	Main workshop	Oils/ greases, suspended solids, heavy metals	Bulk oil drums/ containers (20L and 200L) stored on plastic bunds.	Section 3.17 LMP – Emergency Management Plan

Site area	Activities	Potential contaminants	Physical controls	Procedural/ documentation controls
				Section 3.18 LMP – Environmental Management Plan
	Outside covered workshop area	Oils/ greases, suspended solids, heavy metals, ammonia, Chemical oxygen demand (COD)/ Biological oxygen demand (BOD).	Area covered. Run-off is passed through interceptor and directed to sump. Sump is pumped to the wash bay sump which passes through interceptor before being pumped to the wheel wash pond.	Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
	Primary wash-bay	Oils/ greases, suspended solids, heavy metals, ammonia, COD/ BOD	Main wash bay designed to capture coarse solids. Run-off directed through interceptor and is pumped to wash bay sump and to the wheel wash pond.	Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
BeneVap compound	Leachate collection tanks and BeneVap	Heavy metals, oils/ greases, ammonia, COD/ BOD	Leachate collection and storage tanks and BeneVap are bunded and overflow to the on-site treatment system. High level alarms are in place on the leachate tank as well as an alarm on the bund level. Any clean run-off is directed to the on-site treatment system and contaminated stormwater is processed on-site.	Section 3.21 LMP – Leachate Monitoring and Contingency Plan Section 3.17 LMP – Emergency Management Plan
Energy compound	Leachate collection tanks and evaporator	Heavy metals, oils/ greases, ammonia, COD/ BOD	Leachate collection and storage tanks and evaporator are bunded and overflow to the on-site treatment system. High level alarms are in place on the leachate tank as well as an alarm on the bund level. Any clean run-off is directed to the on-site treatment system and contaminated stormwater is processed on-site.	Section 3.21 LMP – Leachate Monitoring and Contingency Plan Section 3.17 LMP – Emergency Management Plan
	Landfill gas blowers and flare – leaks/ servicing of equipment	Oils/ greases, condensate	Run-off is directed to the on-site treatment system.	Section 3.19 LMP – Stormwater Monitoring and Contingency Plan

Site area	Activities	Potential contaminants	Physical controls	Procedural/ documentation controls
				Section 3.17 LMP – Emergency Management Plan Section 3.18 LMP – Environmental Management Plan
	Landfill gas generators	Oils/ greases, condensate, glycol coolant	Run-off outside the modular container units is directed to the on-site treatment system. Any spill is contained within the modular container units.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
	Generator transformers	Oils	Run-off is directed to the on-site treatment system.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan
	Generator oil tanks (30,000L oil tank and 6,000L waste oil tank) plus unloading area	Hydrocarbons	Tanks and unloading area are bunded with isolation valves. Run-off is directed through an interceptor before discharge to the on-site system.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan
	Future generator area	Oils/ greases, condensate, glycol coolant	Run-off will be directed to the on-site treatment system.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan
	Back-up diesel generator (2,000L)	Hydrocarbons	Run-off is directed to interceptor and then directed to on-site treatment system.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
	Generator workshop area	Oils/ greases, heavy metals	Bulk oil drums/ containers (20L and 200L) stored in a bunded area or on plastic bunds;	Section 3.18 LMP – Environmental Management Plan

Site area	Activities	Potential contaminants	Physical controls	Procedural/ documentation controls
			or otherwise in a manner that minimise potential for stormwater contamination.	Section 3.17 LMP – Emergency Management Plan
	Flare site dangerous goods store	Oils/ greases, glycol coolant	Dangerous goods store will be bunded.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan
	Condensate drain system	Condensate, heavy metals, ammonia, COD/ BOD	Landfill gas condensate is directed to the leachate system; any spills are directed to the on-site treatment system.	Section 3.18 LMP – Environmental Management Plan Section 3.17 LMP – Emergency Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
Landfill development area	Cell preparation including earthworks	Suspended solids, heavy metals	All run-off is directed to on-site treatment 4 systems.	Section 3.4 LMP – Erosion and Sediment Control Plan
	Roadways	Oils/ greases, suspended solids, heavy metals, ammonia, COD/ BOD	All run-off is directed to on-site treatment systems.	Section 3.17 LMP – Emergency Management Plan Section 3.19 LMP – Stormwater Monitoring and Contingency Plan
	Working face/ filling area	Oils/ greases, suspended solids, heavy metals, ammonia, COD/ BOD	Any stormwater is allowed to infiltrate the waste and is collected as part of the leachate system.	Section 3.2 LMP – Disposal Section 3.3 LMP - Cover
	Preparing intermediate and final cover including earthworks	Suspended solids, heavy metals	All run-off is directed to on-site treatment system.	Section 3.4 LMP – Erosion and Sediment Control Plan
	Final covered cell area	Suspended solids	All run-off is directed to on-site treatment system.	Section 3.3 LMP - Cover
Wheel wash	Wheel wash building	Oils/ greases, suspended solids, heavy metals, ammonia, COD/ BOD	Run-off is directed to the wheel wash ponds. This is recycled for use in the wheel wash system. If necessary, it can be discharged to the on-site treatment system following testing.	Section 3.18 LMP – Environmental Management Plan

Site area	Activities	Potential contaminants	Physical controls	Procedural/ documentation controls
Main roadway, office area and weigh bridge	Main roadway	Oils/ greases, suspended solids, heavy metals	Partial coverage by the stormwater interceptor near the bridge.	Section 3.18 LMP – Environmental Management Plan Section 3.8 LMP - Dust Management Plan Section 3.17 LMP – Emergency Management Plan
	Office	Nil	Run-off is directed to the off-site system.	Section 3.18 LMP – Environmental Management Plan
	Weighbridge	Oils/ greases, suspended solids, heavy metals	Run-off is directed to the on-site treatment system.	Section 3.18 LMP – Environmental Management Plan Section 3.8 LMP – Dust Management Plan

5.2 Industrial and Trade Activity Area

The Industrial Trade Activity (ITA) Areas include both the landfill footprint as well as the ancillary activities including the workshops, the landfill gas generators and flares and the access roads. The proposed total ITA area is approximately 70 hectares as shown on Figure 5, in Appendix B.

5.3 Wheel wash

A wheel wash is currently provided at the top of the Landfill Access Road for cleaning the wheels of all vehicles leaving the landfill footprint and related construction zones. The wheel wash comprises a ramp into a flooded basin through which vehicles drive. It also includes fixed water jets and/or a handheld water blaster for manual cleaning of vehicles, and rumble bars located where they will not hinder cleaning out.

Sediment from the wheel wash is removed from time to time by a front-end loader and placed on the ground to dry within the landfill footprint. Overflows from the wheel wash are diverted to a sediment pond adjacent to the wheel wash for settling of any sediment. The water in the wheel wash pond is reused with excess flows discharged from this sediment pond flow to Pond 1.

A second wheel wash is also located to the northwest of the main wheel wash located within the landfill footprint. This provides additional washing of vehicles coming off the landfill during wet periods. The wheel wash includes an above ground tank where wash water is recycled. Accumulated sediment is removed via front end loader and disposed of as refuse within the landfill.

As part of the expansion, the second wheel wash will be removed with upgrades to be taken to expand or extend the existing wheel wash.

5.4 Energy centre

The energy centre is located at the entrance to the landfill. The energy centre includes:

- The landfill gas flare(s) and vacuum pumps aka blowers
- The electricity generators and transformers
- Standby diesel electricity generator
- Condensate removal system
- Leachate storage tank
- A small workshop for gas generator maintenance

Surface water runoff from the energy centre drains to Pond 1.

The existing energy centre is shown in Figure 5.1.

Figure 5.1: Existing energy centre.

5.5 BeneVap

The BeneVap facility includes both leachate storage and the main vaporiser unit. Leachate is stored in a number of tanks within the facility. The current BeneVap site is located within the landfill footprint and drains to Pond 1.

As part of the proposed landfill extension, the BenVap will be decommissioned and removed once filling commences in that location.

5.6 Maintenance workshop

The site currently has two main workshop areas which will be provided for plant and general maintenance. The main workshop undertakes both light and heavy maintenance, while a second workshop is used to store maintenance equipment such as lawnmowers and tractors and for undertaking light maintenance. The main workshop includes a dangerous goods store which is fully bunded, covered and drains to a dedicated sump. This is used to store general dangerous goods including oils and greases as well as a 2,000 L waste oil tank. Within the main workshop area is a 40,000L above ground diesel tank with fixed bowser used for refuelling of equipment. The refuelling area drains to an interceptor before discharging to Pond 1. The runoff from the maintenance workshop area is discharged to Pond 1.

No changes are proposed to the main maintenance workshop, with the exception of the second light vehicle storage workshop to be relocated further to the south of the main workshop as shown in Figure 2 in Appendix B attached to the Engineering Design Report but will continue to drain to Pond 1 for treatment and containment prior to discharge.

5.7 Hazardous substance management

Hazardous substances will be used at the landfill and associated activities, including diesel and oils and greases.

The key structural controls in place to minimise discharges to stormwater from the storage of hazardous substances include:

- Areas where hazardous substances are routinely used are located indoors (e.g. maintenance workshops) in specific locations that have been designed for this purpose
- Storage containers for hazardous substances are housed in dedicated indoor/covered facilities with secondary containment (e.g. a bund or strip drain to capture any spill)
- Hazardous substances must only be stored in containers appropriate for the substance being stored (e.g. corrosion resistant), in sound structural condition, and adequately covered (i.e. by a lid)

The key procedural controls to minimise discharges to stormwater are as follows:

- Whenever possible, the use of hazardous substances shall only occur within appropriate designated areas for the activity being undertaken, and inside / undercover and within areas that are bunded
- Materials must not be stockpiled in outdoor areas unless they are inert (i.e. non-hazardous) or securely covered to prevent rainwater getting in
- All storage containers for hazardous substances must be clearly labelled to identify their contents
- All hazardous goods storage facilities must be clearly labelled with appropriate signage

- All work units (e.g. gas / leachate management team, general grounds maintenance group, workshop group, environmental monitoring group and disposal working face group) hold manifests and SDS sheets of the chemicals required for their operations
- Spill kits will be located in close proximity to all areas where hazardous substances are used or stored
- Any small leaks or drips of hazardous substances must be cleaned up as soon as practicable. The spill response plan will be implemented in the event of a larger spill

5.8 Leachate management

There is a comprehensive leachate management system at the landfill. The procedures for leachate management are incorporated in the LMP.

The overall approach to leachate volume management is to keep leachate and stormwater separate. Any surface water that drains onto the open working face and associated areas including the tipping pad is treated as leachate and managed as such.

To minimise the generation of leachate, cut-off drains around the working areas are utilised to divert clean stormwater away from the working areas. No treatment or disposal of leachate via the stormwater ponds is undertaken at the landfill.

Procedures or systems have been implemented to monitor and identify potential leachate breakouts or contamination of surface water including:

- Weekly inspections of the landfill surface to look out for any evidence of leachate breakouts and any malfunctioning or leaking associated with the reticulation system
- Continuous monitoring of conductivity at the inlet to the ponds as an indicator of the presence of leachate in surface water, including automated notification from site-operated telemetry system if pond inlet conductivity exceeds the trigger limits
- Monitoring of contaminants at pond outlets

If a leachate breakout is identified, or leachate is identified in surface water, the landfill has contingency procedures in place, which are included in the contingency section of the surface water section of the LMP and the Emergency Management Plan.

5.9 Spill response

The landfill operation has potential for spills of liquids or refuse during hauling, hydraulic line failures, and spills of hazardous substances on-site.

The LMP includes a spill response plan which outlines the spill control procedures to be implemented including:

- Provision of spill kits and equipment.
- Containment.
- Disposal.
- Communication and notification.
- Follow-up.

6 Control of contaminants

6.1 Environmental Management System

Appropriate management practices from ITA will avoid discharges of environmentally hazardous substances onto or into land or water.

The key method for addressing this issue is the preparation and implementation of a site-specific Environmental Management System (EMS), which identifies the potential effects associated with a particular ITA, and sets out methods to avoid, remedy or mitigate discharges and the use of stormwater treatment or monitoring.

With regards to the Redvale Landfill site, management is undertaken in accordance with the Landfill Management Plan which includes the management procedures and controls for all aspects of the landfill.

6.2 Landfill Management Plan

The purpose of the LMP is to:

- Satisfy resource consent conditions which require the site to have a management plan.
- Identify all consents and external controls relevant to the facility.
- Describe the management, construction, operation and monitoring framework which will be employed; and
- Provide pertinent reference information.

A copy of the Landfill Management Plan is available on-site.

6.3 Erosion and sediment control

The site has a detailed Erosion and Sediment Control Plan (E&SC Plan) in the site's LMP. A separate E&SC Plan has also been developed for the management of Stockpile 4. The aim of the E&SC Plans is to set out how the operations are undertaken to minimise the amount of water-borne sediment in surface water leaving the site. The plans have been prepared in accordance with Auckland Council GD05.

The strategies fall into two main camps:

- Erosion control – preventing the sediment from becoming mobilised in the first place.
- Sediment control – providing measures to contain mobilised sediment on the site.

The E&SC Plan's sets out temporary, semi-permanent and permanent sediment control measures for the site under the specific control areas of construction, operations and completed areas.

The E&SC Plans provides for a risk minimisation approach aimed at the following three first principles:

- Minimising surface erosion.
- Promoting sedimentation of suspended solids before water leaves the site.
- Controlling flows to minimise adverse effects of discharge water on downstream biota.

The strategies to comply with these principles include:

1. Minimise land disturbance.
2. Stage construction.

3 Protect steep slopes.
4 Protect water courses.
5 Stabilise exposed areas rapidly.
6 Install perimeter controls.
7 Employ detention devices.
8 Get trained contractors.
9 Make sure the plan evolves.
10 Assess and adjust (inspect, monitor, maintain).
11 Take response actions described in the monitoring and contingency sections.

The methods used at the site are outlined in the E&SC Plan and include the methods outlined in Table 6.1.

Table 6.1: Summary of methods to manage erosion and sediment

Control method	Description
Temporary methods	
Slope stabilisation, including: • minimisation of bare slopes • track rolling surfaces • tyre rolling surfaces • compaction • mulching • grass seeding • tarping • covering with slash • stockpile side tamping	Objective - prevent silt generating at source. Undertaken on (a) temporarily unprotected soil surfaces before rain (b) completed slopes when work moves elsewhere (c) construction areas by end of April (d) any area that will be left bare for more than 2 months. The area of un-vegetated daily cover is to be minimised.
Coarse silt retention measures, including: • silt fences • hay bales • temporary settlement ponds close to source for primary particle settlement	Objective - maximize capture of mobilised silt. Suitable at or near source. Details to be in accordance with GD05.
Cut off channels, including: • appropriate sizing • appropriate spacing • appropriate falls	Objective - reduce erosion potential Suitable near source, with small flows cut-off channels reduce distances that water travels before entering the stormwater system, thereby reducing surface flow erosion potential.
Channel reinforcement / lining, including: • rock • geotextile • concrete • grass (sides, not invert)	Objective - reduce erosion potential. Suitable for steeper slopes for moderate flow velocities or volumes. Drains and stormwater channels may be lined to reduce erosion potential.
Velocity controls, Including: • flatter grades	Objective - minimize re-suspension of sediment. Suitable for use in most channels and drains. High flow velocities have the potential to pick up previously deposited silt and re-suspend the

Control method	Description
• intermediate ponds • baffles • rocks • channel invert sumps	silt into the flow. Interrupting the flow by velocity controls will all absorb energy, reduce re-suspension, and reduce risk of new channel bed erosion.
Flow retention ponds, including: • ponds • flood plains • ponds sized to increase • detention times	Objective - flow balancing to maximize time on site Suitable on low or flat ground between channels. Water is held on site within ponds thereby allowing sediment greater time to settle out before leaving the site.
Road surfacing, including: • hard gravel • asphalt	Objective - to reduce amount of silt picked up on truck tyres.
Road washing	Objective - to keep silt on site where silt controls are in place.
Chutes, downspouts, culverts	Objective - to carry flows down steeper slopes. By using properly lined systems, erosion potential is eliminated. This applies to smaller flows from temporary landfill contour drains and to larger flows from wider permanent catchments.
Wheel wash including: • long 'bath' • regular clean outs	Objective - to remove silt and mud from vehicle tyres and wheel arches prior to exiting site. Designed to prevent transfer of material to the local roads. It is vital that all trucks and vehicles that access the site while conditions are muddy travel through the wheel wash prior to exiting the site.
Permanent methods	
Pond 1	Objective - to maximize siltation within settling ponds. Designed for majority of storm events. The pond system consists of finger ponds to maximum the retention time. Sediment is cleaned out from the pond periodically as required to reduce potential for re-suspension and to maintain pond capacity.
Pond 2	Objective - to maximise siltation and provide sediment settlement from capped areas of the landfill.
Pond 3	Objective - to maximise siltation and provide sediment settling. Primary water abstraction point for maintenance and operational requirements on site.
Pond 4	Objective - to maximise siltation and provide sediment settlement once phase 17 of construction begins.

6.4 Leachate breakout

Redvale landfill operates a comprehensive leachate management system at the site. The procedures for leachate management are incorporated in the sites LMP Section 3.21 – Leachate Monitoring and Contingency Plan and described in Section 5.7 above.

The site includes the following procedures or systems to monitor and identify potential leachate breakouts or contamination of surface water:

- Weekly inspections of the landfill surface to look out for any evidence of leachate breakouts and any malfunctioning or leaking associated with the reticulation system.

- Continuous monitoring of conductivity at inlet to ponds as an indicator of the presence of leachate in surface water including automated notification from site operated telemetry system if pond inlet conductivity exceeds the trigger limits.
- Monitoring of contaminants at pond outlets.

If a leachate breakout is identified, or leachate is identified in surface water, the site has contingency procedures in place which are included in the contingency section of the surface water section of the LMP and the Emergency Management Plan (Section XX of the LMP).

7 Discharge water quality

Monitoring of contaminants from the pond outlets as well as in stream monitoring has been undertaken since 1991. The current monitoring programme includes over 32 different contaminants based on the requirements of the current consents.

The Redvale Landfill Management Plan: LMP Section 3.19 – Stormwater Monitoring and Contingency Plan includes water quality response limits (trigger levels) for both the Rangitopuni Stream and the four ponds. The lower trigger level (TL1) and upper trigger level (TL2) as defined in the plan are outlined below.

Trigger Level 1 (TL1 Lower response limit)

Exceedance of TL1 indicates the potential for adverse effects and potential for non-compliance with the resource consent conditions. If this trigger level is exceeded, it requires investigation and reporting. Remedial action may be required as a result of the investigation.

Trigger Level 2 (TL2 Upper response limit)

Exceedance of TL2 will be regarded as a strong indication that significant environmental harm and breaches of consent conditions either have occurred, are currently occurring, or are about to occur. The upper limits have been set either, at the limits (if any) specified in the resource consent, or at limits which if exceeded indicate non-compliance.

In addition, we have compared the results to the ANZECC default guidelines values for freshwater where applicable values exist. The results have been compared directly to the guidelines with no allowance for mixing. For contaminants that are not normally present in the environment, this represents a highly conservative approach as the in-stream values would be expected to lower following mixing. In regard to copper and zinc, these are expected to be present due to other sources in the catchment and therefore comparing the concentrations to the relevant guidelines provides an indication of the likely contribution from the site.

The compiled data for each site is included in Appendix C. Overall the data shows the following:

- Ammoniacal nitrogen concentrations from Ponds 1 and 4 do exceed the ANZECC 95% SPL on occasion, although the mean and median are below the DGV and the 95th Percentile is below the 80% SPL with no allowance for mixing.
- Concentrations of heavy metals are generally low, with the occasional exceedance of the ANECC 95% SPL DGV for dissolved copper, manganese and zinc with no allowance for mixing. The mean, median and 95 Percentiles are all below the relevant guidelines with the exception of the 95 percentile for dissolved copper.
- There have been occasional exceedances of the trigger level 1 values under the current consent for conductivity and hardness, but no exceedances of the trigger level 2 values.

In addition to evaluating the results to the existing trigger levels and relevant guidelines values, we have graphed key contaminants based on the instream monitoring data to identify any trends or changes over the past 20 years. The graphs for aluminium, ammoniacal nitrogen, cadmium, chloride, chromium, conductivity, copper, manganese, suspended solids and zinc are attached in Appendix C.

There is no evidence in any increasing trends of changes in the concentrations from any of the ponds or contaminants. With the exception of the occasional elevated result, the results are consistent over the reported period. There is a spike in conductivity at Pond 4 at the end of 2020 although results have dropped back to historic levels.

8 Assessment of effects on the environment

8.1 Introduction

The potential effects on the environment from the on-going discharge of stormwater, sediment and contaminants from an ITA (being the existing landfill) are as follows:

- Water quantity through potential increase in the peak flow rate and volume of stormwater discharged into the receiving environment.
- Stream stability and channel erosion through increased peak flows from impervious surfaces.
- Water quality through the discharge of contaminants (other than sediment) into the receiving environment.
- Water and stream quality through the discharge of sediment into the receiving environment.

The actual and potential effects of these aspects of the Redvale Landfill are discussed in turn below.

8.2 Landfill catchment

8.2.1 Management methods

Inappropriate management practices from ITA can result in discharges of environmentally hazardous substances associated with the activity onto or into land or water. These environmentally hazardous substances potentially accumulate within receiving environments leading to adverse environmental effects.

The key method for addressing this issue is the preparation and implementation of site-specific environmental management plans (EMP), which identify the environmentally hazardous substances associated with a particular ITA, and set out methods to avoid, remedy or mitigate the effects from discharges.

As outlined above, the LMP identifies the activities with the potential to generate contaminants and outlines methods to avoid or minimise potential effects.

8.2.2 Water quantity effects

Surface water from the landfill discharges into the Rangitopuni Stream. Surface water discharges have occurred from the site since the original lime quarry operation commenced and discharges from the landfill development have occurred since the landfill commenced in 1993. Therefore, current peak discharges from the site are part of the existing flow regime of the stream.

Although discharges from site are part of the existing flow regime, the discharges were approved based on peak flow buffering from the site for specific rainfall events. As discussed in Section 3 above, the current peak flow limits were based on information available at the time the landfill was first consented. The values in the current consents were developed based on rainfall and stream flow information at the time of the original application in 1990 under the Water and Soil Conservation Act 1967 with calculations most recently updated in 2013 to support the landfill consent renewal. Since these original calculations and design flows were determined, Auckland Council has developed a number of guidance documents which are now utilised to determine peak flow rates published from catchments.

Calculations for pre-and post- development stormwater flows from the site have been undertaken for the 2-year, 10-year and 100-year ARI events. The assessment of pre-development peak flows used in the calculations has been based on an assumption that the pre-development situation was undeveloped farmland. As the site was operated as a limestone quarry prior to the landfill commencing, this assumption is considered to be highly conservative.

The pre-development calculations indicate that the peak pre-development flows based on current rainfall with allowance for climate change are much higher than those determined at the time of the original application but for all three return periods, peak flows from the four existing ponds are less than the pre-development peak flows. This demonstrates that the landfill is not having any impact on peak flows in the stream and therefore, downstream flooding.

Overall, the effects of the proposal on water quantity are negligible.

8.2.3 Stream stability and channel erosion effects

Surface water from the landfill discharges into the Rangitopuni Stream. Surface water discharges have occurred from the site since the original lime quarry operation commenced and discharges from the landfill development have occurred since the landfill commenced operation in 1993. Therefore, current peak discharges from the site are part of the existing flow regime of the stream.

The proposed landfill extension will utilise the existing surface water treatment ponds, with no change to the discharge regime including changes to peak flow discharges. While the catchment for Pond 1 is increasing, the corresponding increase in Pond 1 ensures sufficient capacity exists to enable peak flows to be maintained at existing volumes.

Overall, there is no change in peak flows from the site, and any effects on stream stability and channel erosion are negligible.

8.2.4 Water quality effects

Analysis of historic water quality data within the receiving environment has been utilised to understand potential water quality effects on the downstream environments. This has included reviewing monitoring data at the point of discharge and within the receiving environment.

The review of the water quality monitoring of the discharge from the stormwater treatment system has shown:

- Ammoniacal nitrogen concentrations from Ponds 1 and 4 do exceed the ANZECC 95% Species Protection Level (SPL) on occasion (37 out of 1900 monitoring results), although the mean and median are below the DGV, and the 95th percentile is below the 80% SPL with no allowance for mixing.
- The mean, median and 95 percentiles concentrations of metals are all below the relevant guidelines with the exception of the 95th percentile for dissolved copper.
- There have been only two occasions where conductivity has exceeded the trigger level 2 values with no exceedances since 2020.
- Total suspended solids concentrations have complied with the current consent of 50 g/m^3 over 95% of samples.

The monitoring results show that with no allowance for mixing, that the discharges are generally compliant with the existing trigger levels and current receiving environment guideline values, with the occasion elevated result for ammoniacal nitrogen, copper and conductivity.

Monitoring within the receiving environment has been reviewed to understand whether the occasional higher discharge concentration is showing any evidence of effects.

The analysis indicates that at Site 1, upstream of the majority of the landfill discharges, water quality parameters are generally below the ANZ DGV for 95% SPL with the exception of metals including zinc, manganese and copper which exceed the 80 % SPL. Monitoring data for Sites 2 and 3 show similar patterns, but with a slightly higher frequency of elevated dissolved copper concentrations at Site 2 and some exceedances of the 95 % SLP for Total ammoniacal nitrogen and dissolved cadmium

and chromium at Site 2 and aluminium, lead, zinc and manganese at Site 3. The data shows some alignment in monitoring results between the discharge and the receiving environment with concentrations of copper, zinc and manganese elevated upstream of the discharge indicating contributions from other sources within the catchment (metals are a key contaminant associated with road runoff).

Non-parametric Kruskal Wallace test[2] results for chromium, copper and cadmium **do not indicate significant differences** between the sites. Further statistical analysis using the non-parametric post-hoc Dunn test[3] to understand paired differences between individual paired sites show that the difference between Sites 2 and 3 for ammoniacal nitrogen, total zinc and manganese, **are not significant**. Overall, the monitoring data does not show any evidence of any statistically significant change in water quality downstream of the site discharges following discharges from the landfill.

8.2.5 Sediment effects

The main sources of sediment discharged from the site are from the operational landfill which is managed through the existing stormwater treatment system. Total Suspended Sediment (TSS) is monitored at each discharge point with monitoring results showing discharges typically well below the current consent limit with the ponds effective in managing sediment from landfilling activities.

The approach to managing sediment from earthworks is well understood and subject to the effective implementation of the proposed controls then sediment discharge will be minimised.

To minimise the long term discharge of sediment, the landfill will utilise a range of sediment control measures, including stormwater ponds for the landfill. Additionally use of silt fences and clean water diversion drains will reduce sediment entrainment within both the landfill and will provide a degree of sediment removal upstream of the permanent ponds.

Subject to the effective implementation of the sediment controls during works, the effects of sediment are expected to be no more than minor.

8.3 Stockpile 4

8.3.1 Flooding and stormwater effects

As described in Section 2.3 there is a number of overland flow paths located within Stockpile 4, located to the south western edge of Stockpile 4. The overland flow paths match the existing drainage system at the site, and all drain to the existing sediment retention pond. The on-going stockpiling and removal of material will be managed to maintain the existing overland flows paths, and therefore there is not anticipated to be any adverse effects associated the works.

As the works within the overland flow have been avoided where possible and mitigation measures put in place where works may affect the flow, the effects are considered to be less than minor.

8.3.2 Sediment effects

Erosion and sedimentation have the potential to occur during the excavation of material from the site. If not managed appropriately, this can result in adverse effects on the surrounding environment, including surface waterways and associated ecology if sediment is allowed to enter these environments.

[2] The Non-parametric Kruskal Wallace test can be used to identify potential statistically significant differences between groups where the data is not normally distributed.
[3] The post-hoc Dunn test is a non-parametric test for comparison of paired data.

There is one waterbody identified as a 'river' on the Auckland Council GeoMaps to the south and south-west of the stockpile. This appears to be an intermittent stream which is also associated with the overland flow paths, as addressed above in Section 2.1. The catchment for this was assessed with the Erosion and Sediment Control Plan (ESCP) and identified as being approximately 6.29 ha of the immediately surrounding area, including a large section of the stockpile. There are no other waterbodies considered in close proximity to the works.

To mitigate and manage potential effects, the earthworks will be progressively stabilised and undertaken in accordance with the ESCP and subsequent Site Specific Erosion and Sediment Control Plan (SSESCP) prepared for the site. These documents will be prepared in accordance with the GD05, therefore meeting best practice guidelines for erosion and sediment control. The approach with SSESCP will ensure that the management will be fit for purpose to the environment and the works being undertaken. In addition, there is a large scale sediment pond located to the south of this stockpile. If required, this will be able to act as a back-up treatment system for the works.

With the implementation of the ESCP and subsequent SSESCPs the effects of erosion and sedimentation will be less than minor.

9 Surface water monitoring

It is proposed to continue surface water monitoring as currently required by the resource consents that currently authorise stormwater discharges from the landfill. The monitoring regime is detailed in the LMP.

The current monitoring programme is summarised in Table 9.1.

Table 9.1: Summary of surface water monitoring programme

Location	Parameters	Frequency	Purpose
Pond 1 to 4 inlets	Conductivity	Continuous telemetric monitoring	To provide an early warning that there might be elevated contaminants or leachate break out
Pond 1 to 4 discharge	Turbidity	Continuous telemetric monitoring	To ensure excessive silt is not carried into receiving waters
	Flow rate	Continuous telemetric monitoring	To ensure discharge flow rates are not exceeded
	Suite of Contaminants	Fortnightly, Bi-monthly	To enable assessment of effects and evaluation against trigger levels
Wheel wash	Suite of Contaminants	Prior to release to sediment pond	Confirm wheel wash water meets trigger levels prior to discharge
Rangitopuni Stream	Suite of Contaminants	Every 3 months	To enable assessment of effects and evaluation against trigger levels

The current monitoring programme currently includes 36 individual parameters. A number of parameters are important in understanding the effects at the site and in monitoring for leachate breakouts, but consolidation of the total number of parameters could be undertaken where on-going monitoring has shown continual low levels e.g. aluminium, copper and zinc.

10 Conclusion

This Stormwater, ITA and Sediment Assessment has been prepared to support an application for resource consent for the ongoing operations and proposed expansion to the existing Redvale Landfill.

The key issues that have been identified are:

- Potential water quality and sediment effects on the Rangitopuni Stream; and
- Effects from discharges of sediment from the existing landfill and Stockpile 4.

The following potential effects have been assessed:

- Potential effects associated with flooding and stream erosion and stability from discharges of stormwater from the site have been assessed as less than minor, due to the detention of stormwater runoff within the landfill catchment and the existing peak flows being maintained through the continuous operation of the existing surface water ponds system.
- Subject to the effective implementation of the management controls and procedures for the ITA on-site, potential effects associated with the use of land and discharge of contaminants have been assessed as less than minor. The procedural and physical controls include measures to avoid or minimise any discharges, and the treatment of runoff through the surface water pond systems.
- Potential adverse effects from the discharge of sediment have been assessed as no more than minor, subject to the effective implementation of the proposed controls in Section 6.3 and the use of surface water and sediment ponds for Stockpile 4 and the landfill.

The report concludes that the proposed landfill expansion will result in no more than minor adverse effects on the environment, subject to the continuation of the existing surface water monitoring programme and implementation of management controls as set out in this report and the LMP.

11 Applicability

This report has been prepared for the exclusive use of our client WM New Zealand, with respect to the particular brief given to us and it may not be relied upon in other contexts or for any other purpose, or by any person other than our client, without our prior written agreement.

We understand and agree that our client will submit this report as part of an application under the Fast-track Approvals Act 2024 and that an Expert Panel as the consenting authority will use this report for the purpose of assessing that application. We understand and agree that this report will be used by the Expert Panel in undertaking its regulatory functions.

Tonkin & Taylor Ltd
Environmental and Engineering Consultants

Lead author:	Authorised for Tonkin & Taylor Ltd by:
.....	.....
Rob Van de Munckhof Principal Environmental Engineer	Simonne Eldridge Project Director

rvdm

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Appendix A Code of Conduct

Compliance with the Environment Court Practice Note 2023

I confirm that, in my capacity as lead author of this report, I have read and abided by the Environment Court of New Zealand's Code of Conduct for Expert Witnesses contained in the Practice Note 2023.

I am a Technical Director Environmental Engineering at Tonkin & Taylor Ltd (T+T), where I specialise in Environmental Engineering including Stormwater, Water Quality and Erosion and Sediment Control. I have worked at T+T since 2005. Prior to joining T+T, I was a Stormwater and ESCP Specialist at Auckland Regional Council.

I have 25 years' experience in Environmental Engineering. I am a Member of Engineering New Zealand and the Environmental Institute of Australia and New Zealand. I hold the following qualifications – Bachelor of Engineering (Chemical and Materials) from the University of Auckland.

Recent relevant projects and services that I have been involved with include:

- Stormwater and sediment assessment and reporting for the proposed Auckland Regional Landfill, including presentation of evidence at both the Council Hearing and Environment Court on sediment effects;
- Sediment and water quality assessment and reporting for the Southern Landfill extension in Wellington, including presentation of evidence at the Council Hearing on sediment effects from the proposed construction of the landfill and on-going sediment discharges during operation;
- Industrial and Trade Activity Environmental Management Plans for the City Rail Link construction works which addressed construction level effects associated with the project including management of hazardous substances and contaminants (including pH); and
- Site wide erosion and sediment control assessments and management frameworks for on-going construction activities for the New Zealand Defence Force at the Whenuapai Airbase, Papakura Army Base and Devonport Naval Base. This included preparation of technical assessments of sediment effects to support resource consent applications and development of Erosion and Sediment Control Management Plans for each site to cover on-going earthworks associated with construction activities;
- Water quality, process water and stormwater lead for the reconsenting of the New Zealand Steel, Steel Mill including preparation of technical assessments to support the consent applications and presentation of evidence at the Council Hearing.

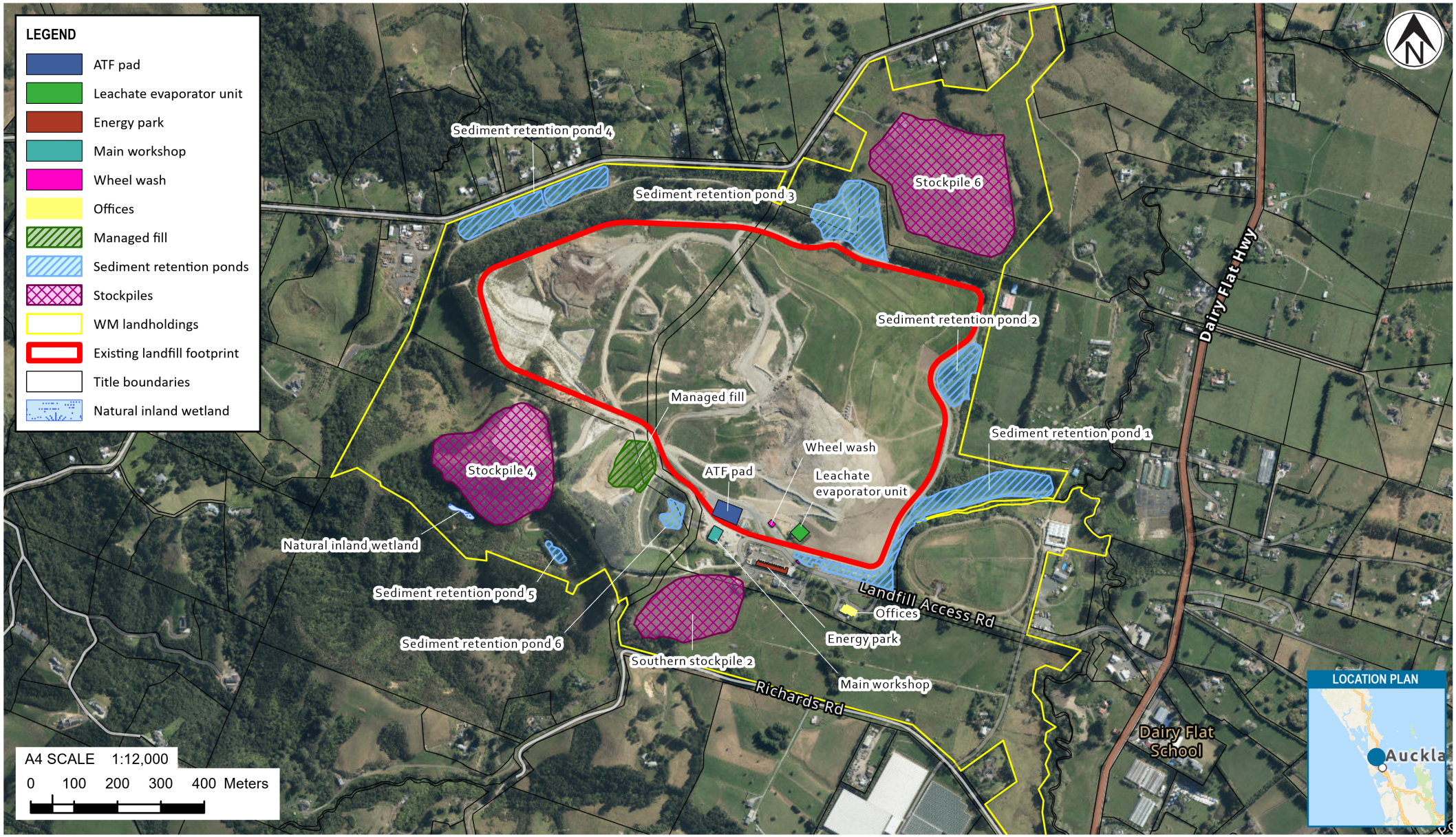
.....

Rob Van de Munckhof
Technical Director Environmental Engineering

Appendix B Figures

COPYRIGHT ON THIS FIGURE IS RESERVED DO NOT SCALE FROM THIS FIGURE.

P:\1092369\1092369.3000\WorkingMaterial\GIS\MapDocuments\ARL TP Redvale - Stormwater\ARL TP Redvale - Stormwater.aprx Layout: 1092369_FIG1_ExistingSiteLayout 2026-May-04 4:45 pm Drawn by CHSA



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REVISIONS	NO.	BY
First version (12/08/26)	0	CHSA

PROJECT No.	1092369.3000	
DESIGNED	CHSA	AUG.26
DRAWN	CHSA	AUG.26
CHECKED	RANI	AUG.26
APPROVED	S. Eldridge	DATE Aug 26

CLIENT **WM NEW ZEALAND**

PROJECT **REDVALE LANDFILL EXPANSION**

TITLE EXISTING SITE LAYOUT

SCALE (A4) 1:12,000 FIG No. FIGURE 1 REV 0

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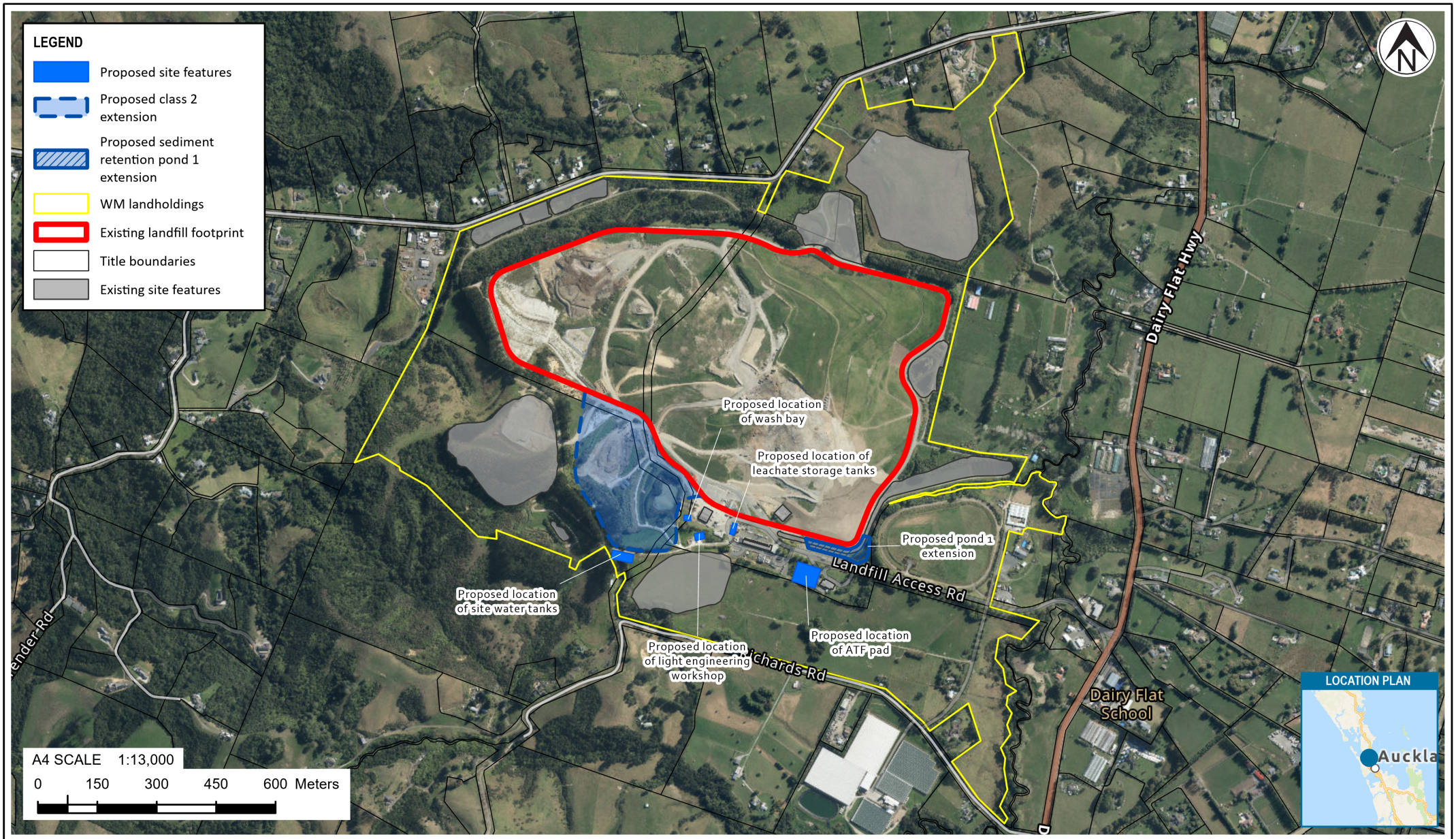

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First version (12/08/26)	0	CHSA

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APPROVED	S. Eldridge	DATE Aug 26

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PROJECT **REDVALE LANDFILL EXPANSION**

TITLE PROPOSED SITE LAYOUT

SCALE (A4) 1:13,000 FIG No. FIGURE 2 REV 1

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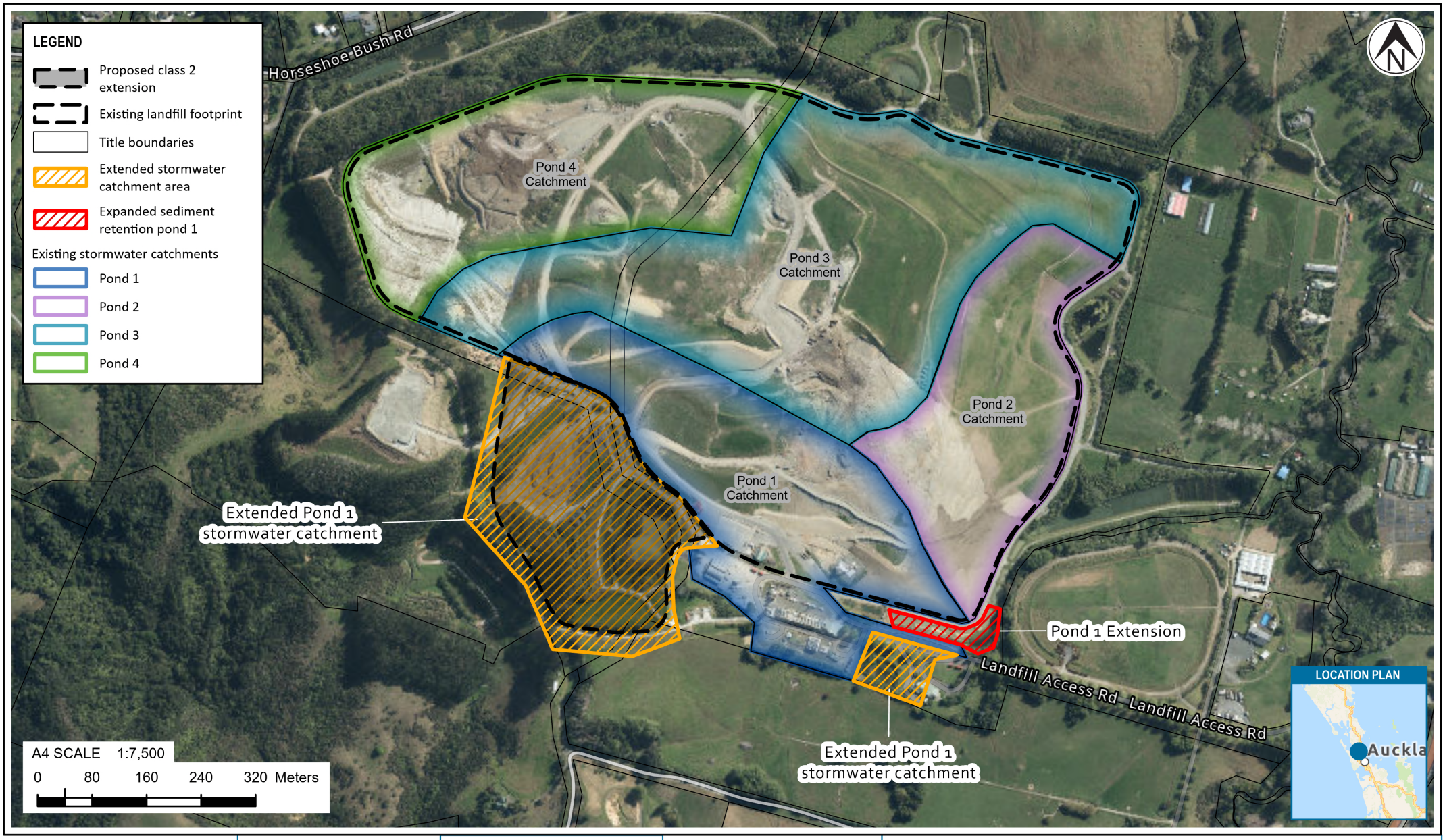

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First version (12/08/26)	0	CHSA

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APPROVED	S. Eldridge	DATE Aug 26

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PROJECT **REDVALE LANDFILL EXPANSION**

TITLE STORMWATER CATCHMENT PLAN

SCALE (A4) 1:7,500 FIG No. FIGURE 3 REV 1

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P:\1092369\1092369.3000\WorkingMaterial\GIS\MapDocuments\ARL TP Redvale - Stormwater\ARL TP Redvale - Stormwater.aprx Layout: 1092369_FIG4_AuxillaryActivityArea_Existing 2026-May-04 4:45 pm Drawn by CHSA

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APPROVED	S. Eldridge	DATE Aug 26

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PROJECT **REDVALE LANDFILL EXPANSION**

TITLE EXISTING AUXILIARY AREA LAYOUT

SCALE (A4) 1:5,000 FIG No. FIGURE 4 REV 0

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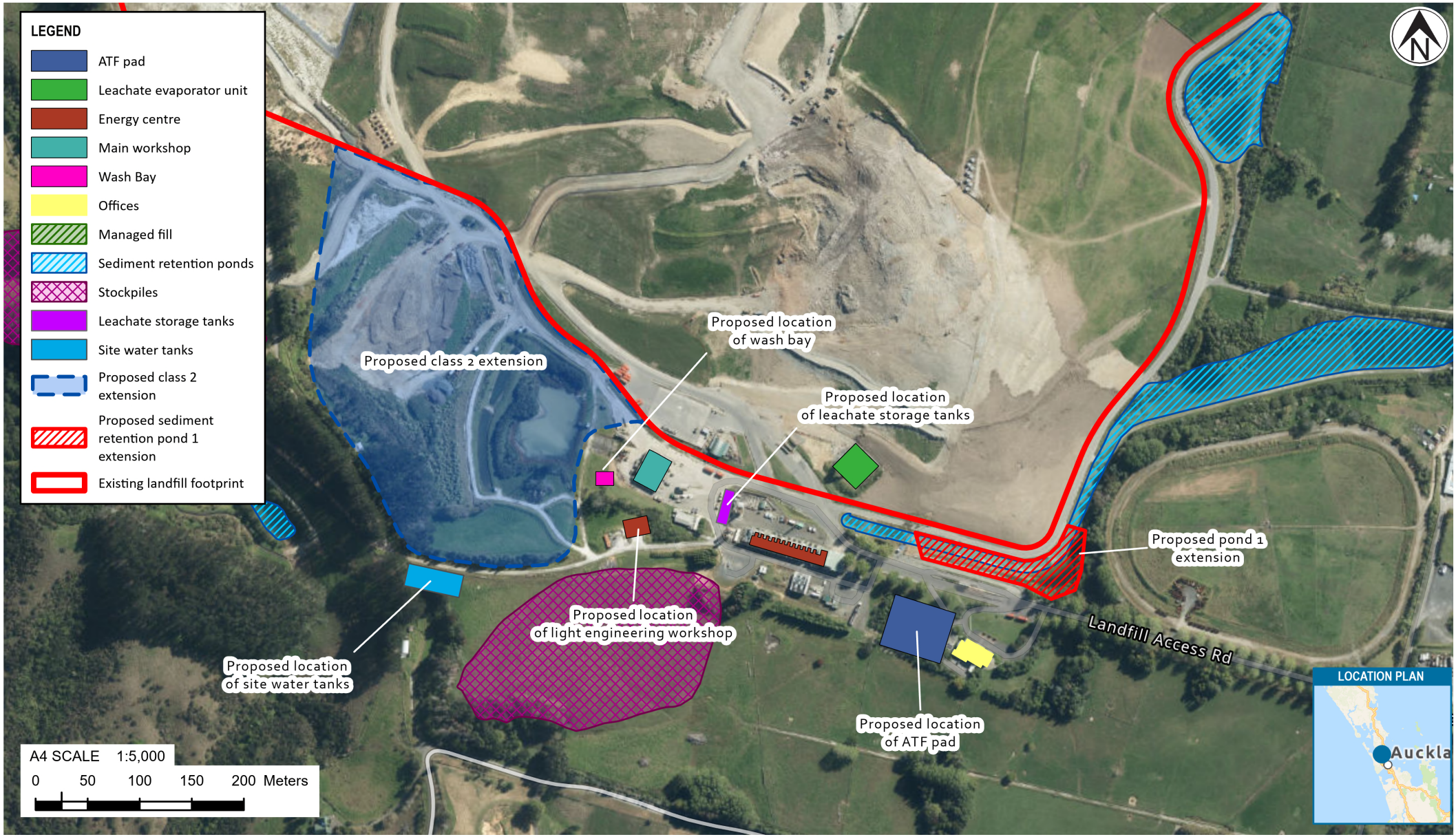

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APPROVED	S. Eldridge	DATE Aug 26

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PROJECT **REDVALE LANDFILL EXPANSION**

TITLE PROPOSED AUXILIARY AREA LAYOUT

SCALE (A4) 1:5,000 FIG No. FIGURE 5 REV 1

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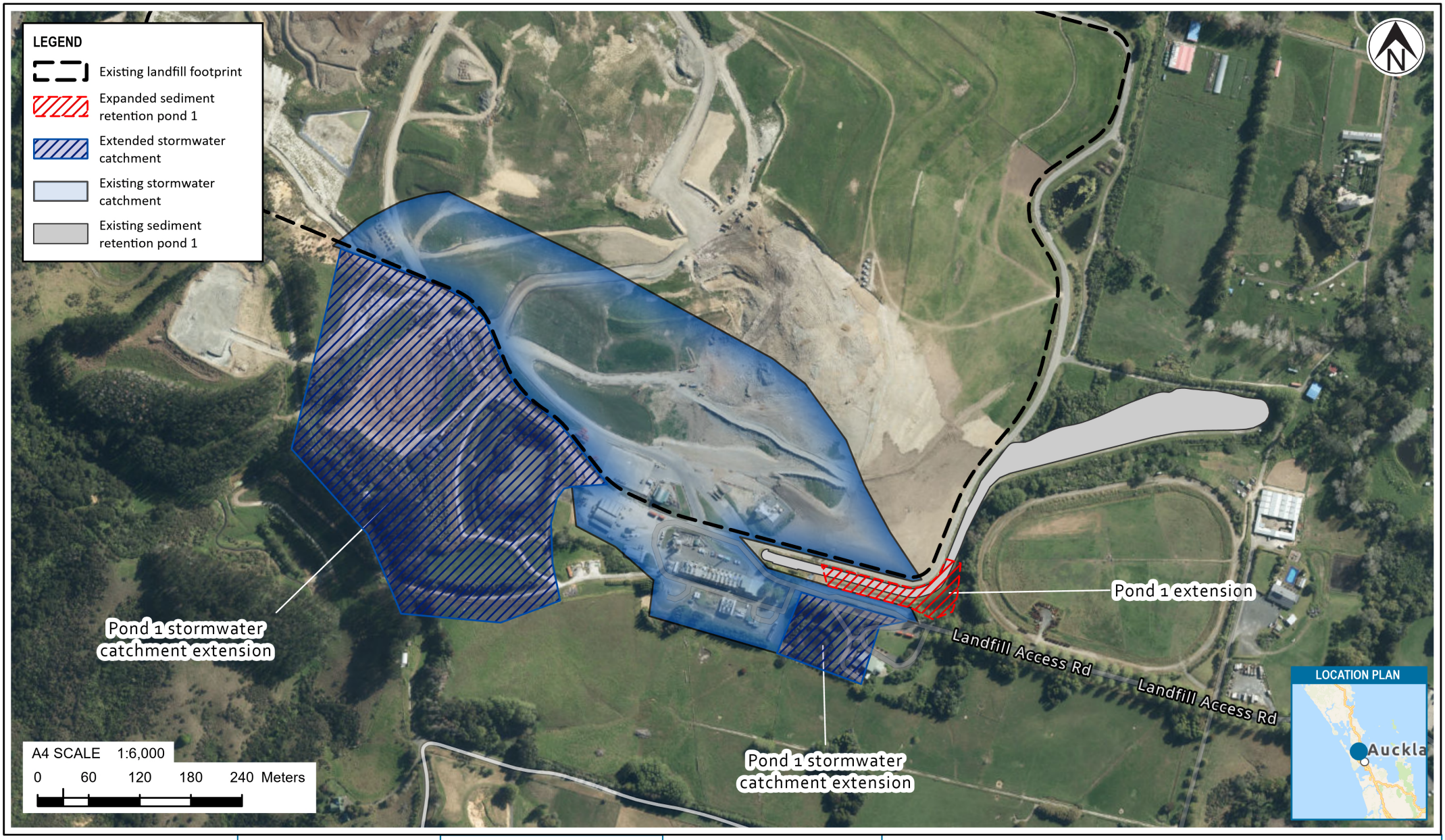

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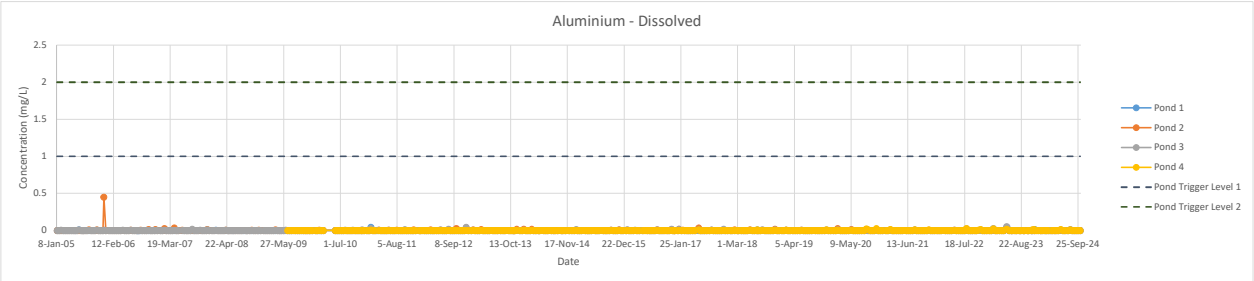
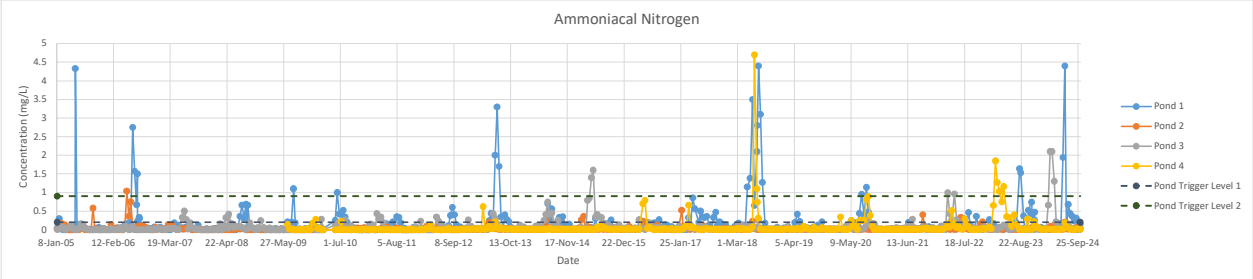
PROJECT **REDVALE LANDFILL EXPANSION**

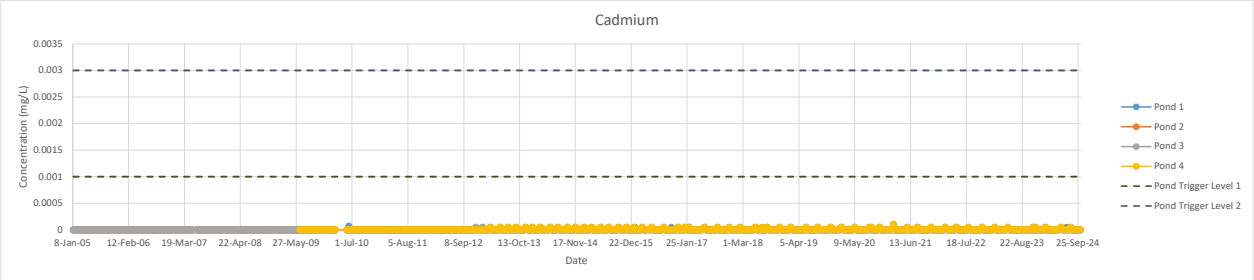
TITLE PROPOSED SEDIMENT RETENTION POND 1 EXTENSION

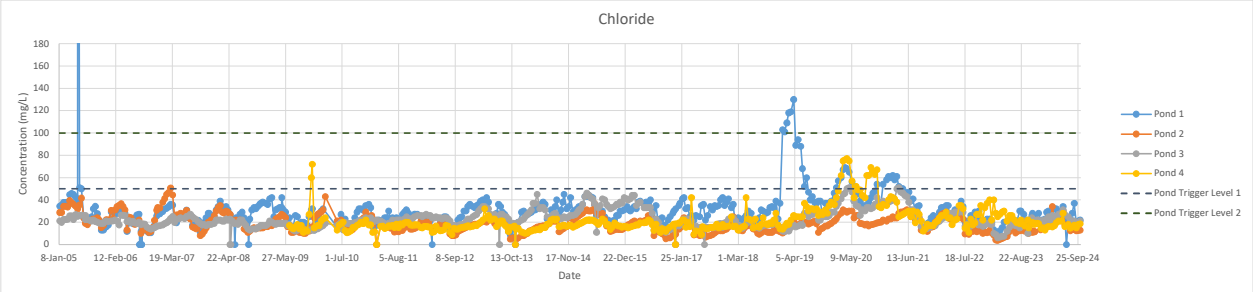
SCALE (A4) 1:6,000 FIG No. FIGURE 6 REV 1

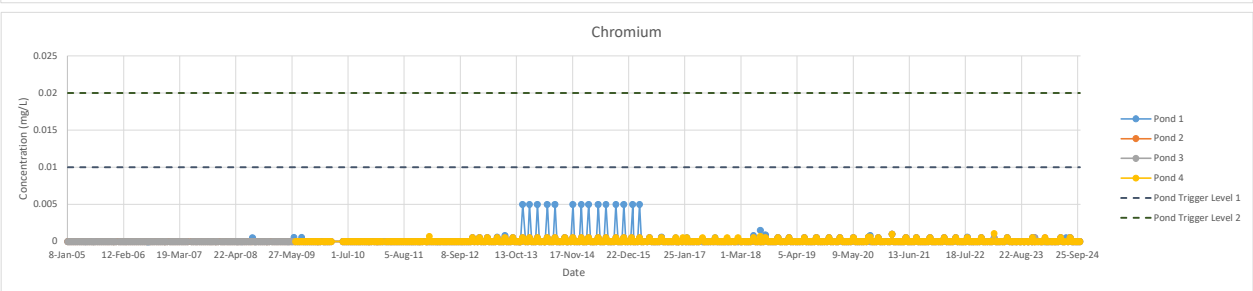
Appendix C Compiled monitoring data and graphs

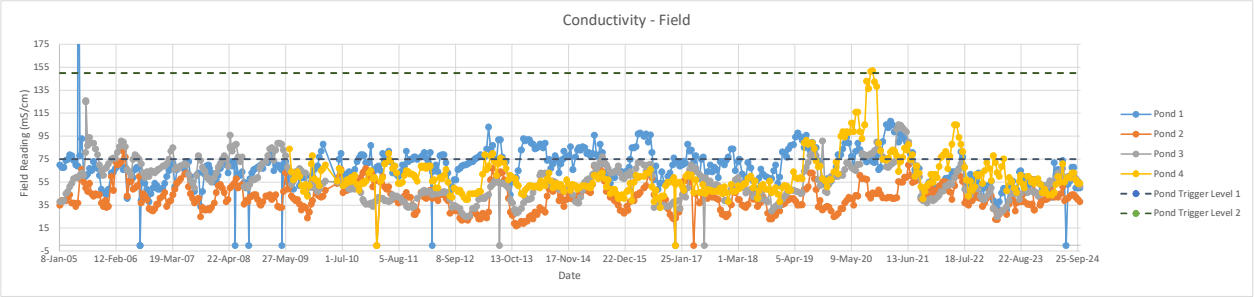

Aluminium - Dissolved
Concentration (mg/L)
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2

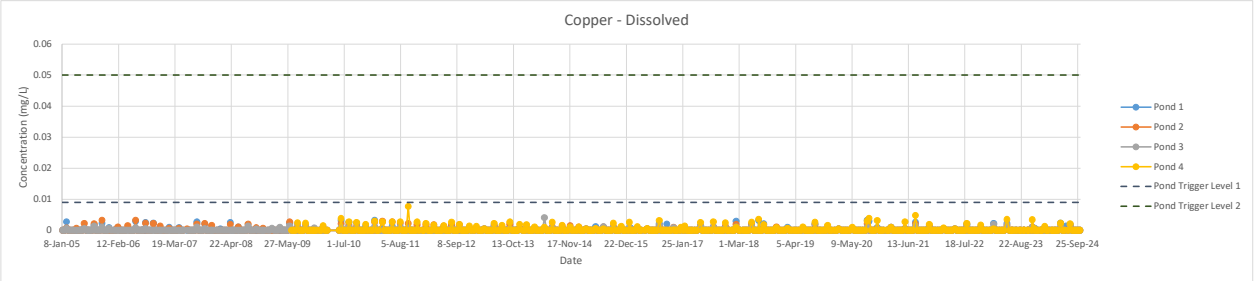

Ammoniacal Nitrogen
Concentration (mg/L)
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2

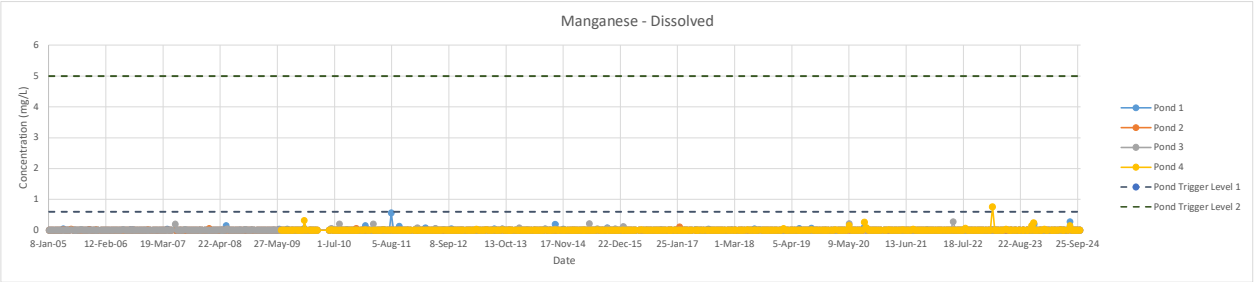

Cadmium
Concentration (mg/L)
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2

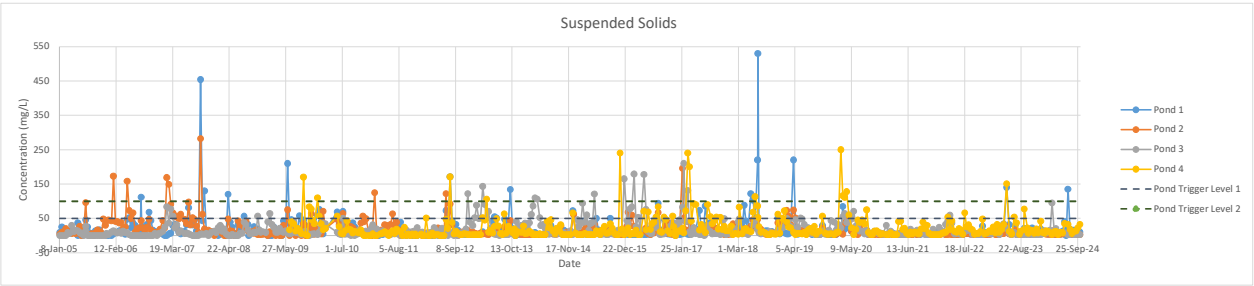

Chloride
Concentration (mg/L)
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2

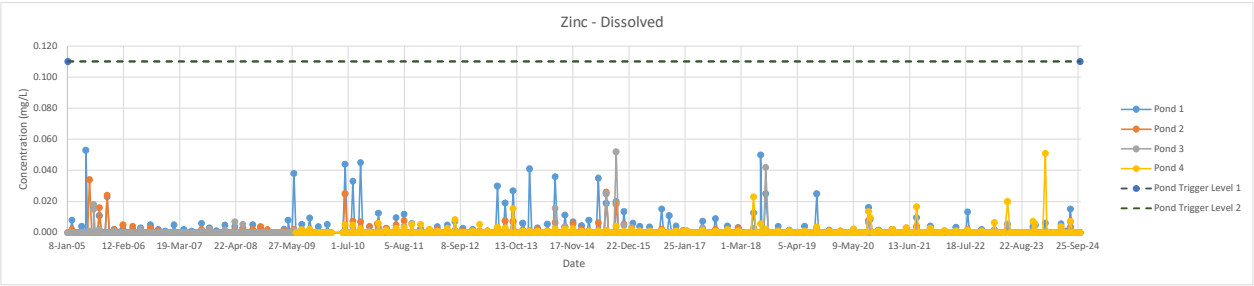

Chromium
Concentration (mg/L)
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2


Conductivity - Field
Field Reading (mS/cm)
175
155
135
115
95
75
55
35
15
-5
8-Jan-05
12-Feb-06
19-Mar-07
22-Apr-08
27-May-09
1-Jul-10
5-Aug-11
8-Sep-12
13-Oct-13
17-Nov-14
22-Dec-15
25-Jan-17
1-Mar-18
5-Apr-19
9-May-20
13-Jun-21
18-Jul-22
22-Aug-23
25-Sep-24
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2


Copper - Dissolved
Concentration (mg/L)
0.06
0.05
0.04
0.03
0.02
0.01
0
8-Jan-05
12-Feb-06
19-Mar-07
22-Apr-08
27-May-09
1-Jul-10
5-Aug-11
8-Sep-12
13-Oct-13
17-Nov-14
22-Dec-15
25-Jan-17
1-Mar-18
5-Apr-19
9-May-20
13-Jun-21
18-Jul-22
22-Aug-23
25-Sep-24
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2


Manganese - Dissolved
Concentration (mg/L)
6
5
4
3
2
1
0
8-Jan-05
12-Feb-06
19-Mar-07
22-Apr-08
27-May-09
1-Jul-10
5-Aug-11
8-Sep-12
13-Oct-13
17-Nov-14
22-Dec-15
25-Jan-17
1-Mar-18
5-Apr-19
9-May-20
13-Jun-21
18-Jul-22
22-Aug-23
25-Sep-24
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2


Suspended Solids
Concentration (mg/L)
550
450
350
250
150
50
-50
8-Jan-05
12-Feb-06
19-Mar-07
22-Apr-08
27-May-09
1-Jul-10
5-Aug-11
8-Sep-12
13-Oct-13
17-Nov-14
22-Dec-15
25-Jan-17
1-Mar-18
5-Apr-19
9-May-20
13-Jun-21
18-Jul-22
22-Aug-23
25-Sep-24
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2


Zinc - Dissolved
Concentration (mg/L)
0.120
0.100
0.080
0.060
0.040
0.020
0.000
8-Jan-05
12-Feb-06
19-Mar-07
22-Apr-08
27-May-09
1-Jul-10
5-Aug-11
8-Sep-12
13-Oct-13
17-Nov-14
22-Dec-15
25-Jan-17
1-Mar-18
5-Apr-19
9-May-20
13-Jun-21
18-Jul-22
22-Aug-23
25-Sep-24
Date
Pond 1
Pond 2
Pond 3
Pond 4
Pond Trigger Level 1
Pond Trigger Level 2

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	12-Jan-05	discharge		-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	34.3	-	-	23	70	-	-	-	-	-
Pond 1	B	26-Jan-05	pond	Hills	-	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	35.4	-	-	47	68	68	-	-	-	-
Pond 1	C	9-Feb-05	discharge	Hills	92	<0.003	-	-	0.03	-	-	0.003	-	-	-	-	-	-	<0.00005	58.4	37.7	<0.0005	-	28	68	64	0.0028	183	<0.02	0.21
Pond 1	B	23-Feb-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	37.9	-	-	34	74	75	-	-	-	-
Pond 1	B	9-Mar-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	38.1	-	-	29	75	74	-	-	-	-
Pond 1	B	23-Mar-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	44.7	-	-	44	79	79	-	-	-	-
Pond 1	B	6-Apr-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	45.7	-	-	36	78	76	-	-	-	-
Pond 1	C	20-Apr-05	pond	Hills	174	<0.003	-	-	0.04	-	-	0.002	-	-	-	-	-	-	<0.00005	62.6	44.9	<0.0005	-	48	74	75	<0.0005	198	<0.02	0.29
Pond 1	B	4-May-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	42.5	-	-	37	70	68	-	-	-	-
Pond 1	B	18-May-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	39.8	-	-	38	69	67	-	-	-	-
Pond 1	Special	19-May-05	Living Earth Mulch runoff	Hills	-	-	-	-	4.33	-	-	-	-	-	-	-	-	-	-	407	855	-	-	848	411	-	-	1210	-	-
Pond 1	B	1-Jun-05	pond	Hills	-	-	-	-	0.15	-	-	-	-	-	-	-	-	-	-	-	50.9	-	-	70	78	79	-	-	-	-
Pond 1	C	15-Jun-05	pond	Hills	131	0.009	-	-	0.02	-	-	0.001	-	-	-	-	-	-	<0.00005	69.4	50	<0.0005	-	42	93	92	0.0007	214	0.02	0.07
Pond 1	B	30-Jun-05	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	24	-	-	22	61	60	-	-	-	-
Pond 1	B	13-Jul-05	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	22.8	-	-	19	60	59	-	-	-	-
Pond 1	B	27-Jul-05	discharge	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	18	62	62	-	-	-	-
Pond 1	B	10-Aug-05	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	21.6	-	-	16	67	66	-	-	-	-
Pond 1	C	24-Aug-05	discharge	Hills	113	<0.003	-	-	<0.01	-	-	0.001	-	-	-	-	-	-	<0.00005	74.9	24.7	<0.0005	-	15	65	63	0.0016	231	<0.02	0.11
Pond 1	B	7-Sep-05	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	32	-	-	21	73	73	-	-	-	-
Pond 1	B	21-Sep-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	34.2	-	-	17	68	68	-	-	-	-
Pond 1	B	5-Oct-05	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	27.6	-	-	26	67	66	-	-	-	-
Pond 1	C	19-Oct-05	discharge	Hills	121	0.004	-	-	0.04	-	-	0.002	-	-	-	-	-	-	<0.00005	72.4	21.6	<0.0005	-	21	61	61	0.0023	218	<0.02	0.4
Pond 1	B	2-Nov-05	discharge	Hills	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	12.9	-	-	17	49	49	-	-	-	-
Pond 1	B	16-Nov-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	12.8	-	-	19	46	45	-	-	-	-
Pond 1	B	30-Nov-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	133	45	44	-	-	-	-
Pond 1	C	7-Dec-05	discharge	Hills	68	0.006	-	-	0.03	-	-	0.002	-	-	-	-	-	-	<0.00005	36.5	16.1	<0.0005	-	22	44	44	0.0009	121	<0.02	0.05
Pond 1	B	21-Dec-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	26	49	48	-	-	-	-
Pond 1	B	11-Jan-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	29.1	-	-	30	63	62	-	-	-	-
Pond 1	B	25-Jan-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	29.9	-	-	27	64	64	-	-	-	-
Pond 1	C	8-Feb-06	discharge	Hills	120	<0.003	-	-	0.03	-	-	0.003	-	-	-	-	-	-	<0.00005	66.3	27.2	<0.0005	-	23	67	66	0.0009	205	<0.02	0.1
Pond 1	B	22-Feb-06	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	28.1	-	-	23	69	69	-	-	-	-
Pond 1	B	8-Mar-06	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	29.8	-	-	33	71	70	-	-	-	-
Pond 1	B	22-Mar-06	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	29.7	-	-	30	73	72	-	-	-	-
Pond 1	B	5-Apr-06	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	29.4	-	-	17	66	64	-	-	-	-
Pond 1	C	19-Apr-06	discharge	Hills	110	0.004	-	-	<0.01	-	-	0.002	-	-	-	-	-	-	<0.00005	69.7	28.1	<0.0005	-	23	68	66	0.0006	218	<0.02	0.16
Pond 1	B	3-May-06	discharge	Hills	-	-	-	-	0.12	-	-	-	-	-	-	-	-	-	-	-	11.8	-	-	19	41	39	-	-	-	-
Pond 1	B	17-May-06	discharge	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	18	55	54	-	-	-	-
Pond 1	B	31-May-06	discharge	Hills	-	-	-	-	0.19	-	-	-	-	-	-	-	-	-	-	-	20.8	-	-	16	60	60	-	-	-	-
Pond 1	C	14-Jun-06	discharge	Hills	136	0.003	-	-	0.17	-	-	0.002	-	-	-	-	-	-	<0.00005	72.1	18.8	<0.0005	-	23	59	58	0.0029	218	<0.02	0.65
Pond 1	B	28-Jun-06	discharge	Hills	-	-	-	-	2.75	-	-	-	-	-	-	-	-	-	-	-	23.8	-	-	33	66	65	-	-	-	-
Pond 1	B	12-Jul-06	discharge	Hills	-	-	-	-	1.57	-	-	-	-	-	-	-	-	-	-	-	26.5	-	-	32	68	68	-	-	-	-
Pond 1	B	26-Jul-06	discharge	Hills	-	-	-	-	0.67	-	-	-	-	-	-	-	-	-	-	-	27.1	-	-	24	68	67	-	-	-	-
Pond 1	Special	1-Aug-06	Barge Ponds	Hills	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	Final Check Dam	Hills	-	-	-	-	0.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	SP1C road runoff	Hills	-	-	-	-	<.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	9-Aug-06	discharge	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	11.7	-	-	16	39	39	-	-	-	-
Pond 1	Special	14-Aug-06	Barge Ponds	Hills	-	-	-	-	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-
Pond 1	Special	14-Aug-06	Phase 12B pond	Hills	-	-	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-
Pond 1	C	23-Aug-06	discharge	Hills	136	< 0.003	-	-	0.13	-	-	0.001	-	-	-	-	-	-	< 0.00005	65.8	15.4	< 0.0005	-	20	57	56.5	0.0025	198	< 0.02	0.25
Pond 1	B	5-Sep-06	discharge	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	16.3	-	-	7	54	54	-	-	-	-
Pond 1	B	19-Sep-06	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	12	-	-	20	49	48	-	-	-	-
Pond 1	B	4-Oct-06	pond	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	10.7	-	-	19	38	38	-	-	-	-
Pond 1	C	18-Oct-06	discharge	Hills	128	< 0.003	-	-	0.04	-	-	0.002	-	-	-	-	-	-	< 0.00005	56.9	10.7	< 0.0005	-	91	45	44.4	0.0023	168	< 0.02	0.26
Pond 1	B	1-Nov-06	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	0.132	-	-	15.3	-	-	20	50	50	-	-	-	-
Pond 1	B	14-Nov-06	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	17.3	-	-	18	54	54.3	-	-	-	-
Pond 1	B	29-Nov-06	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	25.6	-	-	19	52	51.8	-	-	-	-
Pond 1	C	6-Dec-06	discharge	Hills	64	0.005	-	-	0.01	-	-	0.003	-	-	-	-	-	-	< 0.00005	38.9	27.1	< 0.0005	-	17	49	49.7	0.0009	131	< 0.02	0.26
Pond 1	B	20-Dec-06	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	27.6	-	-	22	49	49.4	-	-	-	-
Pond 1	B	10-Jan-07	discharge	Hills	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	29.6	-	-	23	50	49.7	-	-	-	-
Pond 1	B	24-Jan-07	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	31.8	-	-	28	54	54.5	-	-	-	-
Pond 1	C	7-Feb-07	discharge	Hills	87	0.005	-	-	0.03	-	-	0.002	-	-	-	-	-	-	< 0.00005	45.6	32.5	< 0.0005	-	16	60	60.8	0.001	148	< 0.02	0.08
Pond 1	B	21-Feb-07	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	33.9	-	-	20	65	64.3	-	-	-	-
Pond 1	B	7-Mar-07	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	36.1	-	-	33	69	67.9	-	-	-	-
Pond 1	B	21-Mar-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	35.3	-	-	105	72	71.9	-	-	-	-
Pond 1	B	4-Apr-07	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	23.3	-	-	20	51	51.6	-	-	-	-
Pond 1	C	18-Apr-07	discharge	Hills	117	< 0.003	-	-	0.18	-	-	0.002	-	-	-	-	-	-	< 0.00005	73	19.5	< 0.0005	-	12	66	66	0.0009	216	< 0.02	0.3
Pond 1	B	2-May-07	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	23.2	-	-	17	68	68.7	-	-	-	-
Pond 1	B	16-May-07	discharge	Hills	-	-	-	-	0.12	-	-	-	-	-	-	-	-	-	-	-	24.6	-	-	20	69	69.2	-	-	-	-
Pond 1	C	13-Jun-07	discharge	Hills	129	< 0.003	-	-	0.05	-	-	0.001	-	-	-	-	-	-	< 0.00005	68.1	24.2	< 0.0005	-	22	66	66	< 0.0005	210	< 0.02	0.2
Pond 1	B	27-Jun-07	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	30.8	-	-	22	73	72.4	-	-	-	-
Pond 1	B	11-Jul-07	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	24.3	-	-	17	73	72.9	-	-	-	-
Pond 1	B	24-Jul-07	discharge	Hills	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	23.3	-	-	12	60	60.2	-	-	-	-
Pond 1	B	8-Aug-07	discharge	Hills	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	21	55	55.2	-	-	-	-
Pond 1	C	22-Aug-07	pond	Hills	128	< 0.003	-	-	< 0.01	-	-	0.001	-	-	-	-	-	-	< 0.00005	59.6	17.2	< 0.0005	-	14	47	47.1	0.0027	180	< 0.02	0.87
Pond 1	B	5-Sep-07	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	21	61	60.2	-	-	-	-
Pond 1	B	19-Sep-07	discharge	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	21.7	-	-	15	63	62.3	-	-	-	-
Pond 1	B	3-Oct-07	pond	Hills	-	-	-	-	0.12	-	-	-	-	-	-	-	-	-	-	-	11.2	-	-	71	34	34.3	-	-	-	-
Pond 1	C	17-Oct-07	discharge	Hills	140	< 0.003	-	-	< 0.01	-	-	0.001	-	-	-	-	-	-	< 0.00005	60.4	13.6	< 0.0005	-	16	47	47.6	0.002	181	< 0.02	0.48
Pond 1	B	31-Oct-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	20	-	-	16	62	62	-	-	-	-
Pond 1	B	13-Nov-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	24	-	-	20	69	68	-	-	-	-
Pond 1	B	28-Nov-07	discharge	Hills	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	28	-	-	19	70	69	-	-	-	-
Pond 1	C	5-Dec-07	discharge	Hills	65	0.0055	-	-	0.019	-	-	0.0017	-	-	78	-	-	-	< 0.000050	57	28	< 0.00050	-	21	67	67	0.00062	200	<0.02	0.082
Pond 1	B	19-Dec-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	26	-	-	22	63	62	-	-	-	-
Pond 1	B	9-Jan-08	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	25	-	-	16	55	56	-	-	-	-
Pond 1	B	23-Jan-08	discharge	Hills	-	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	-	31	-	-	23	57	57	-	-	-	-
Pond 1	C	5-Feb-08	discharge	Hills	72	0.0072	-	-	0.035	-	-	0.0017	-	-	88	-	-	-	< 0.000050	48	34	< 0.00050	-	23	61	62	0.00052	170	< 0.020	0.05
Pond 1	B	20-Feb-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	39	-	-	20	67	66	-	-	-	-
Pond 1	B	5-Mar-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	34	-	-	21	74	74	-	-	-	-
Pond 1	B	19-Mar-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	33	-	-	21	77	76	-	-	-	-
Pond 1	B	2-Apr-08	discharge	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	34	-	-	21	70	77	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	C	15-Apr-08	discharge	Hills	120	< 0.0030	-	-	0.061	-	-	0.0021	-	-	-	-	-	-	< 0.000050	66	31	< 0.00050	-	23	63	74	0.0025	220	< 0.020	1.2
Pond 1	B	30-Apr-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	27	-	-	22	73	75	-	-	-	-
Pond 1	B	14-May-08	discharge	Hills	-	-	-	-	0.089	-	-	-	-	-	-	-	-	-	-	-	22	-	-	17	69	69	-	-	-	-
Pond 1	B	28-May-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	78	72	71	-	-	-	-
Pond 1	Special	3-Jun-08	Check Dam #1	Hills	-	-	-	0.6	0.018	-	<0.0053	<0.021	-	-	-	-	-	0.61	<0.0011	-	-	<0.011	<0.0042	-	-	-	<0.011	-	-	0.92
Pond 1	C	11-Jun-08	discharge	Hills	150	< 0.0030	-	-	< 0.010	-	-	0.0011	-	-	-	-	-	-	< 0.000050	70	24	< 0.00050	-	16	74	72	0.0011	230	< 0.020	0.043
Pond 1	B	25-Jun-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	23	62	61	-	-	-	-
Pond 1	B	9-Jul-08	pond	Hills	-	-	-	-	0.057	-	-	-	-	-	-	-	-	-	-	-	27	-	-	21	61	60	-	-	-	-
Pond 1	B	23-Jul-08	discharge	Hills	-	-	-	-	0.36	-	-	-	-	-	-	-	-	-	-	-	29	-	-	22	64	63	-	-	-	-
Pond 1	B	6-Aug-08	pond	Hills	-	-	-	-	0.66	-	-	-	-	-	-	-	-	-	-	-	24	-	-	110	55	52	-	-	-	-
Pond 1	C	20-Aug-08	pond	Hills	160	< 0.0030	-	-	0.3	-	-	0.0023	-	-	-	-	-	-	< 0.000050	55	20	0.00053	-	43	50	50	0.00085	170	< 0.020	0.56
Pond 1	B	3-Sep-08	discharge	Hills	-	-	-	-	0.68	-	-	-	-	-	-	-	-	-	-	-	21	-	-	88	54	54	-	-	-	-
Pond 1	Special	8-Sep-08	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	71	-	-	-	-	-	-
Pond 1	B	16-Sep-08	pond	Hills	-	-	-	-	0.66	-	-	-	-	-	-	-	-	-	-	-	23	-	-	29	58	57	-	-	-	-
Pond 1	B	1-Oct-08	discharge	Hills	-	-	-	-	0.032	-	-	-	-	-	-	-	-	-	-	-	31	-	-	29	63	61	-	-	-	-
Pond 1	C	15-Oct-08	discharge	Hills	170	< 0.0030	-	-	0.026	-	-	0.0016	-	-	-	-	-	-	< 0.000050	69	33	< 0.00050	-	24	66	65	< 0.00050	220	< 0.020	0.34
Pond 1	B	29-Oct-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	32	-	-	37	67	67	-	-	-	-
Pond 1	B	11-Nov-08	discharge	Hills	-	-	-	-	0.024	-	-	-	-	-	-	-	-	-	-	-	34	-	-	26	68	68.1	-	-	-	-
Pond 1	B	26-Nov-08	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	36	-	-	21	69	67.9	-	-	-	-
Pond 1	C	3-Dec-08	discharge	Hills	150	< 0.0030	-	-	0.024	-	-	0.0015	-	-	-	-	-	-	< 0.000050	65	37	< 0.00050	-	18	70	68.2	< 0.00050	210	< 0.020	0.12
Pond 1	B	17-Dec-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	38	-	-	21	67	65.1	-	-	-	-
Pond 1	B	7-Jan-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	37	-	-	24	73	71.3	-	-	-	-
Pond 1	B	21-Jan-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	36	-	-	21	72	71.2	-	-	-	-
Pond 1	C	4-Feb-09	pond	Hills	91	< 0.0030	-	-	0.023	-	-	0.0014	-	-	-	-	-	-	< 0.000050	55	41	< 0.00050	-	85	77	75.8	< 0.00050	190	< 0.020	0.055
Pond 1	B	18-Feb-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	42	-	-	23	81	79.9	-	-	-	-
Pond 1	B	4-Mar-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	25	-	-	22	65	63.4	-	-	-	-
Pond 1	B	18-Mar-09	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	31	-	-	19	70	69.1	-	-	-	-
Pond 1	C	1-Apr-09	discharge	Hills	120	< 0.0030	-	-	0.026	-	-	0.0015	-	-	-	-	-	-	< 0.000050	64	32	< 0.00050	-	21	70	69.5	< 0.00050	210	< 0.020	0.09
Pond 1	B	15-Apr-09	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	33	-	-	23	68	66.7	-	-	-	-
Pond 1	B	29-Apr-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	33	-	-	23	66	66.5	-	-	-	-
Pond 1	F	30-Apr-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	100	42	-	-	38	-	-	-	340	-	-
Pond 1	B	12-May-09	discharge	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	31	-	-	20	71	70.1	-	-	-	-
Pond 1	B	27-May-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	29	-	-	22	73	72.4	-	-	-	-
Pond 1	C	10-Jun-09	discharge	Hills	130	< 0.0030	-	-	0.022	-	-	0.0023	-	-	-	-	-	-	< 0.000050	63	21	0.00057	-	99	55	53.9	0.0022	200	< 0.020	2.2
Pond 1	B	24-Jun-09	discharge	Hills	-	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-	24	-	-	48	61	58.7	-	-	-	-
Pond 1	B	8-Jul-09	discharge	Hills	-	-	-	-	0.11	-	-	-	-	-	-	-	-	-	-	-	16	-	-	95	50	48.6	-	-	-	-
Pond 1	B	22-Jul-09	pond	Hills	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	16	-	-	32	49	48.1	-	-	-	-
Pond 1	C	5-Aug-09	discharge	Hills	190	0.0037	-	-	1.1	-	-	0.0022	-	-	-	-	-	-	< 0.000050	71	26	0.00058	-	26	60	58.7	< 0.00050	220	< 0.020	0.21
Pond 1	B	18-Aug-09	discharge	Hills	-	-	-	-	0.19	-	-	-	-	-	-	-	-	-	-	-	25	-	-	20	61	60	-	-	-	-
Pond 1	B	2-Sep-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18	-	-	17	52	52.2	-	-	-	-
Pond 1	B	15-Sep-09	discharge	Hills	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	20	-	-	22	59	56.7	-	-	-	-
Pond 1	C	30-Sep-09	discharge	Hills	120	< 0.0030	-	-	< 0.010	-	-	0.0017	-	-	-	-	-	-	< 0.000050	64	20	< 0.00050	-	17	59	57.8	0.0011	200	< 0.020	0.5
Pond 1	B	14-Oct-09	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	19	-	-	15	60	59.6	-	-	-	-
Pond 1	B	28-Oct-09	discharge	Hills	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	17	-	-	16	44	54.4	-	-	-	-
Pond 1	B	10-Nov-09	discharge	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	-	25	-	-	28	52	58.7	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	25-Nov-09	discharge	Hills	-	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	-	31	-	-	22	60	59.8	-	-	-	-
Pond 1	C	2-Dec-09	pond	Hills	100	< 0.0030	-	-	0.022	-	-	0.0015	-	-	-	-	-	-	< 0.000050	58	32	< 0.00050	-	37	61	60.1	< 0.00050	190	< 0.020	0.44
Pond 1	B	16-Dec-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	23	66	65.8	-	-	-	-
Pond 1	B	8-Jan-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	17	69	68.3	-	-	-	-
Pond 1	B	20-Jan-10	pond	Hills	-	-	-	-	0.056	-	-	-	-	-	-	-	-	-	-	-	24	-	-	26	77	73.5	-	-	-	-
Pond 1	C	3-Feb-10	pond	Hills	120	< 0.0030	-	-	< 0.010	-	-	0.0017	-	-	-	-	-	-	< 0.000050	79	30	< 0.00050	-	30	82	79.1	0.0011	250	< 0.020	0.32
Pond 1	B	17-Feb-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	32	-	-	27	88	87.8	-	-	-	-
Pond 1	B	26-May-10	pond	Hills	-	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	-	15.6	-	-	20	56	56.4	-	-	-	-
Pond 1	C	9-Jun-10	pond	Hills	126	< 0.003	-	-	1	-	-	0.0021	-	-	-	-	-	-	0.00007	80	19.8	< 0.0005	-	21	75	74	0.0032	260	< 0.02	0.5
Pond 1	B	23-Jun-10	discharge	Hills	-	-	-	-	0.42	-	-	-	-	-	-	-	-	-	-	-	27	-	-	19	80	-	-	-	-	-
Pond 1	B	7-Jul-10	discharge	Hills	-	-	-	-	0.41	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	22	52	-	-	-	-	-
Pond 1	B	21-Jul-10	discharge	Hills	-	-	-	-	0.52	-	-	-	-	-	-	-	-	-	-	-	23	-	-	19	62	-	-	-	-	-
Pond 1	C	4-Aug-10	discharge	Hills	133	< 0.003	-	-	0.34	-	-	0.0017	-	-	-	-	-	-	< 0.00005	66	17.5	< 0.0005	-	17	59	58	0.0025	210	< 0.02	0.44
Pond 1	B	18-Aug-10	discharge	Hills	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	17	64	-	-	-	-	-
Pond 1	B	1-Sep-10	discharge	Hills	-	-	-	-	0.086	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	12	62	-	-	-	-	-
Pond 1	B	14-Sep-10	discharge	Hills	-	-	-	-	0.078	-	-	-	-	-	-	-	-	-	-	-	18.4	-	-	24	63	-	-	-	-	-
Pond 1	C	28-Sep-10	discharge	Hills	151	< 0.003	-	-	0.056	-	-	0.0013	-	-	-	-	-	-	< 0.00005	75	24	< 0.0005	-	16	66	65	0.0022	230	< 0.02	0.38
Pond 1	B	13-Oct-10	discharge	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	29	-	-	14	73	-	-	-	-	-
Pond 1	B	27-Oct-10	discharge	Hills	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	32	-	-	14	76	-	-	-	-	-
Pond 1	B	10-Nov-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	32	-	-	16	79	-	-	-	-	-
Pond 1	B	24-Nov-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	31	-	-	18	79	-	-	-	-	-
Pond 1	C	1-Dec-10	pond	Hills	146	< 0.003	-	-	< 0.010	-	-	0.001	-	-	-	-	-	-	< 0.00005	87	31	< 0.0005	-	20	78	77.5	0.0014	280	< 0.02	0.095
Pond 1	B	15-Dec-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	35	-	-	21	72	-	-	-	-	-
Pond 1	B	5-Jan-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	36	-	-	26	72	-	-	-	-	-
Pond 1	B	19-Jan-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	33	-	-	25	87	-	-	-	-	-
Pond 1	C	2-Feb-11	discharge	Hills	104	0.043	-	-	0.039	-	-	0.002	-	-	-	-	-	-	< 0.00005	67	15.9	< 0.0005	-	19	61	60.7	0.0033	210	0.11	0.187
Pond 1	B	16-Feb-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16	-	-	28	65	-	-	-	-	-
Pond 1	B	2-Mar-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	22	68	-	-	-	-	-
Pond 1	B	16-Mar-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	14	69	-	-	-	-	-
Pond 1	C	30-Mar-11	discharge	Hills	114	< 0.003	-	-	0.012	-	-	0.0016	-	-	-	-	-	-	< 0.00005	70	21	< 0.0005	-	20	65	64.8	0.0006	210	0.02	0.156
Pond 1	B	13-Apr-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19.4	-	-	18	80	-	-	-	-	-
Pond 1	B	27-Apr-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	24	-	-	18	74	-	-	-	-	-
Pond 1	B	11-May-11	discharge	Hills	-	-	-	-	0.082	-	-	-	-	-	-	-	-	-	-	-	24	-	-	22	77	-	-	-	-	-
Pond 1	B	25-May-11	pond	Hills	-	-	-	-	0.159	-	-	-	-	-	-	-	-	-	-	-	30	-	-	12	82	-	-	-	-	-
Pond 1	C	8-Jun-11	discharge	Hills	145	< 0.003	-	-	0.083	-	-	0.0016	-	-	-	-	-	-	< 0.00005	83	23	< 0.0005	-	10	73	72	0.0014	260	< 0.02	0.131
Pond 1	B	22-Jun-11	discharge	Hills	-	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	-	24	-	-	23	63	-	-	-	-	-
Pond 1	B	6-Jul-11	discharge	Hills	-	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-	22	-	-	16	69	-	-	-	-	-
Pond 1	B	20-Jul-11	discharge	Hills	-	-	-	-	0.066	-	-	-	-	-	-	-	-	-	-	-	24	-	-	12	62	-	-	-	-	-
Pond 1	C	3-Aug-11	discharge	Hills	150	< 0.003	-	-	0.35	-	-	0.0026	-	-	-	-	-	-	< 0.00005	67	21	< 0.0005	-	16	60	58.6	0.0008	210	< 0.02	0.25
Pond 1	B	17-Aug-11	discharge	Hills	-	-	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	22	-	-	18	64	-	-	-	-	-
Pond 1	B	31-Aug-11	discharge	Hills	-	-	-	-	0.188	-	-	-	-	-	-	-	-	-	-	-	27	-	-	18	70	-	-	-	-	-
Pond 1	B	14-Sep-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	29	-	-	8	69	-	-	-	-	-
Pond 1	C	28-Sep-11	discharge	Hills	139	< 0.003	-	-	0.038	-	-	0.0013	-	-	-	-	-	-	< 0.00005	98	31	< 0.0005	-	16	82	79.9	0.0006	310	< 0.02	0.23
Pond 1	B	12-Oct-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	28	-	-	28	73	-	-	-	-	-
Pond 1	B	26-Oct-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	12	75	-	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	9-Nov-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	24	-	-	17	75	-	-	-	-	-
Pond 1	B	22-Nov-11	discharge	Hills	-	-	-	-	0.032	-	-	-	-	-	-	-	-	-	-	-	27	-	-	16	77	-	-	-	-	-
Pond 1	C	30-Nov-11	discharge	Hills	144	< 0.003	-	-	0.064	-	-	0.0015	-	-	-	-	-	-	< 0.00005	89	27	< 0.0005	-	18	77	76.1	0.0006	290	< 0.02	0.078
Pond 1	B	14-Dec-11	discharge	Hills	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	27	-	-	23	75	-	-	-	-	-
Pond 1	B	9-Jan-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	20	-	-	20	77	-	-	-	-	-
Pond 1	B	18-Jan-12	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	19.8	-	-	16	78	-	-	-	-	-
Pond 1	C	1-Feb-12	discharge	Hills	130	< 0.003	-	-	0.012	-	-	0.0015	-	-	-	-	-	-	< 0.00005	77	21	< 0.0005	-	18	81	79	< 0.0005	250	< 0.02	0.057
Pond 1	B	15-Feb-12	discharge	Hills	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	25	-	-	20	76	-	-	-	-	-
Pond 1	B	29-Feb-12	discharge	Hills	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	19	-	-	16	72	-	-	-	-	-
Pond 1	B	14-Mar-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	9	81	-	-	-	-	-
Pond 1	Special	28-Mar-12	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C + TPH	28-Mar-12	discharge	Hills	120	< 0.003	-	-	0.115	-	-	0.0027	-	-	-	-	-	-	< 0.00005	70	13.3	< 0.0005	-	11	64	60.3	0.0006	220	< 0.02	0.161
Pond 1	B	11-Apr-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14.3	-	-	9	68	-	-	-	-	-
Pond 1	B	23-Apr-12	discharge	Hills	-	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-	12	70	-	-	-	-	-
Pond 1	B	9-May-12	discharge	Hills	-	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-	20	64	-	-	-	-	-
Pond 1	B	23-May-12	discharge	Hills	-	-	-	-	0.069	-	-	-	-	-	-	-	-	-	-	-	22	-	-	18	78	-	-	-	-	-
Pond 1	C	6-Jun-12	discharge	Hills	110	< 0.003	-	-	0.044	-	-	0.0013	-	-	-	-	-	-	< 0.00005	89	23	< 0.0005	-	16	79	77.5	0.0008	290	< 0.02	0.081
Pond 1	B	20-Jun-12	discharge	Hills	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	25	-	-	14	79	-	-	-	-	-
Pond 1	B	4-Jul-12	discharge	Hills	-	-	-	-	0.071	-	-	-	-	-	-	-	-	-	-	-	25	-	-	17	72	-	-	-	-	-
Pond 1	B	18-Jul-12	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	21	-	-	13	63	-	-	-	-	-
Pond 1	C	1-Aug-12	pond	Hills	108	0.005	-	-	0.111	-	-	0.0013	-	-	-	-	-	-	< 0.00005	52	13.3	< 0.0005	-	12	47	45.6	0.0017	165	< 0.02	1.5
Pond 1	B	15-Aug-12	discharge	Hills	-	-	-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	12.9	-	-	19	51	-	-	-	-	-
Pond 1	B	29-Aug-12	pond	Hills	-	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	15	-	-	24	57	-	-	-	-	-
Pond 1	B	12-Sep-12	discharge	Hills	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	15	57	-	-	-	-	-
Pond 1	C	26-Sep-12	discharge	Hills	141	< 0.003	-	-	0.133	-	-	0.0012	-	-	-	-	-	-	< 0.00005	67	22	< 0.0005	-	14	66	62.2	< 0.0005	210	< 0.02	0.21
Pond 1	B	10-Oct-12	discharge	Hills	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	24	-	-	17	67	-	-	-	-	-
Pond 1	B	24-Oct-12	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	25	-	-	19	69	-	-	-	-	-
Pond 1	B	7-Nov-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	30	-	-	24	70	-	-	-	-	-
Pond 1	B	21-Nov-12	pond	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	30	-	-	10	70	-	-	-	-	-
Pond 1	C	5-Dec-12	discharge	Hills	140	0.003	-	-	0.01	-	-	0.0017	-	-	-	-	-	-	0.00005	73	34	0.0005	-	15	71	70.9	0.0005	220	0.02	0.057
Pond 1	B	19-Dec-12	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	36	-	-	24	72	-	-	-	-	-
Pond 1	B	9-Jan-13	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	34	-	-	20	73	-	-	-	-	-
Pond 1	C	23-Jan-13	discharge	Hills	141	0.003	-	-	0.01	-	-	0.0016	-	-	-	-	-	-	0.00005	71	33	0.0005	-	16	75	74.8	0.0005	230	0.02	0.033
Pond 1	B	5-Feb-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	35	-	-	23	76	-	-	-	-	-
Pond 1	B	20-Feb-13	pond	Hills	-	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	-	36	-	-	20	77	-	-	-	-	-
Pond 1	B	6-Mar-13	pond	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	39	-	-	26	79	-	-	-	-	-
Pond 1	C	20-Mar-13	pond	Hills	148	0.004	-	-	0.016	-	-	0.0023	-	-	-	-	-	-	0.00005	68	40	0.0005	-	24	78	76.3	*0.0005*	230	*0.02*	0.138
Pond 1	B	3-Apr-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	38	-	-	24	77	-	-	-	-	-
Pond 1	B	17-Apr-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	42	-	-	28	84	-	-	-	-	-
Pond 1	B	1-May-13	pond	Hills	-	-	-	-	0.119	-	-	-	-	-	-	-	-	-	-	-	38	-	-	30	103	-	-	-	-	-
Pond 1	B	15-May-13	discharge	Hills	-	-	-	-	0.24	-	-	-	-	-	-	-	-	-	-	-	26	-	-	32	83	-	-	-	-	-
Pond 1	C	29-May-13	discharge	Hills	159	*0.003*	-	-	0.44	-	-	0.0022	-	-	-	-	-	-	*0.00005*	107	26	0.0006	-	38	87	86.1	0.0016	330	*0.02*	0.48
Pond 1	B	12-Jun-13	discharge	Hills	-	-	-	-	0.35	-	-	-	-	-	-	-	-	-	-	-	24	-	-	28	75	-	-	-	-	-
Pond 1	B	26-Jun-13	discharge	Hills	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	28	-	-	57	75	-	-	-	-	-
Pond 1	B	10-Jul-13	discharge	Hills	-	-	-	-	3.3	-	-	-	-	-	-	-	-	-	-	-	36	-	-	48	92	-	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	C	24-Jul-13	discharge	Hills	184	*0.003*	-	-	1.7	-	-	0.0022	-	-	-	-	-	-	*0.00005*	101	34	0.0008	-	19	92	91.9	*0.0005*	330	*0.02*	0.181
Pond 1	B	6-Aug-13	pond	Hills	-	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	-	29	-	-	26	77	-	-	-	-	-
Pond 1	B	22-Aug-13	discharge	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	27	-	-	23	73	-	-	-	-	-
Pond 1	B	3-Sep-13	discharge	Hills	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	22	-	-	23	73	-	-	-	-	-
Pond 1	C	18-Sep-13	discharge	Hills	127	*0.003*	-	-	0.27	-	-	0.0016	-	-	-	-	-	-	*0.00005*	59	11.8	*0.0005*	-	14	53	52.7	0.001	188	*0.02*	0.65
Pond 1	B	2-Oct-13	discharge	Hills	-	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	14	44	-	-	-	-	-
Pond 1	B	16-Oct-13	discharge	Hills	-	-	-	-	0.062	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	19	56	-	-	-	-	-
Pond 1	B	30-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	16	57	-	-	-	-	-
Pond 1	Special	6-Nov-13	pond	WM	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-
Pond 1	B	12-Nov-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17.2	-	-	18	59	-	-	-	-	-
Pond 1	C	26-Nov-13	pond	Hills	165	*0.003*	-	-	*0.01*	-	-	0.0013	-	-	-	-	-	-	*0.00005*	69	20	*0.005*	-	23	65	63.3	0.0007	220	*0.02*	0.192
Pond 1	B	18-Dec-13	discharge	Hills	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	29	-	-	19	83	-	-	-	-	-
Pond 1	B	3-Jan-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	30	-	-	24	93	-	-	-	-	-
Pond 1	C	14-Jan-14	discharge	Hills	132	*0.003*	-	-	0.058	-	-	0.0013	-	-	-	-	-	-	*0.00005*	97	27	*0.005*	-	21	91	90.7	0.0005	310	*0.02*	0.093
Pond 1	B	30-Jan-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	27	-	-	17	92	-	-	-	-	-
Pond 1	B	13-Feb-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	28	-	-	24	92	-	-	-	-	-
Pond 1	B	27-Feb-14	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	29	-	-	27	89	-	-	-	-	-
Pond 1	C	11-Mar-14	pond	Hills	96	*0.003*	-	-	*0.01*	-	-	0.0013	-	-	-	-	-	-	*0.00005*	79	31	*0.005*	-	15	88	88.1	*0.0005*	270	*0.02*	0.057
Pond 1	B	25-Mar-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	31	-	-	25	84	-	-	-	-	-
Pond 1	B	9-Apr-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	32	-	-	26	85	-	-	-	-	-
Pond 1	B	28-Apr-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	35	-	-	27	88	-	-	-	-	-
Pond 1	B	6-May-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	36	-	-	24	88	-	-	-	-	-
Pond 1	C	21-May-14	discharge	Hills	127	*0.003*	-	-	*0.01*	-	-	0.001	-	-	-	-	-	-	*0.00005*	81	38	*0.005*	-	25	85	85.2	*0.0005*	270	*0.02*	0.024
Pond 1	B	4-Jun-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	36	-	-	24	89	-	-	-	-	-
Pond 1	B	18-Jun-14	discharge	Hills	-	-	-	-	0.189	-	-	-	-	-	-	-	-	-	-	-	23	-	-	24	74	-	-	-	-	-
Pond 1	B	2-Jul-14	discharge	Hills	-	-	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	24	-	-	12	75	-	-	-	-	-
Pond 1	C	15-Jul-14	discharge	Hills	146	*0.003*	-	-	0.26	-	-	0.0015	-	-	-	-	-	-	*0.00005*	76	31	*0.005*	-	17	67	69	0.0007	240	*0.02*	0.39
Pond 1	B	30-Jul-14	discharge	Hills	-	-	-	-	0.56	-	-	-	-	-	-	-	-	-	-	-	31	-	-	23	71	-	-	-	-	-
Pond 1	B	14-Aug-14	discharge	Hills	-	-	-	-	0.073	-	-	-	-	-	-	-	-	-	-	-	34	-	-	24	78	-	-	-	-	-
Pond 1	B	25-Aug-14	discharge	Hills	-	-	-	-	0.122	-	-	-	-	-	-	-	-	-	-	-	40	-	-	20	75	-	-	-	-	-
Pond 1	B	11-Sep-14	discharge	Hills	-	-	-	-	0.187	-	-	-	-	-	-	-	-	-	-	-	27	-	-	36	63	-	-	-	-	-
Pond 1	C	23-Sep-14	discharge	Hills	179	*0.003*	-	-	0.33	-	-	0.0019	-	-	-	-	-	-	*0.00005*	81	31	0.0005	-	32	71	70.6	*0.0005*	260	*0.02*	0.39
Pond 1	B	7-Oct-14	discharge	Hills	-	-	-	-	0.195	-	-	-	-	-	-	-	-	-	-	-	38	-	-	31	75	-	-	-	-	-
Pond 1	B	16-Oct-14	pond	Hills	-	-	-	-	0.35	-	-	-	-	-	-	-	-	-	-	-	45	-	-	32	82	-	-	-	-	-
Pond 1	B	4-Nov-14	discharge	Hills	-	-	-	-	0.119	-	-	-	-	-	-	-	-	-	-	-	32	-	-	22	77	-	-	-	-	-
Pond 1	C	19-Nov-14	discharge	Hills	160	*0.003*	-	-	0.076	-	-	0.0013	-	-	-	-	-	-	*0.00005*	88	34	*0.005*	-	26	78	78.3	*0.0005*	280	*0.02*	0.129
Pond 1	B	1-Dec-14	discharge	Hills	-	-	-	-	0.147	-	-	-	-	-	-	-	-	-	-	-	42	-	-	16	86	-	-	-	-	-
Pond 1	B	18-Dec-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	29	-	-	22	66	-	-	-	-	-
Pond 1	B	5-Jan-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	31	-	-	20	77	-	-	-	-	-
Pond 1	C	19-Jan-15	pond	Hills	163	*0.003*	-	-	*0.01*	-	-	0.0014	-	-	-	-	-	-	*0.00005*	91	32	*0.005*	-	23	83	85.6	0.0008	290	*0.02*	0.123
Pond 1	B	29-Jan-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	34	-	-	18	85	-	-	-	-	-
Pond 1	B	10-Feb-15	discharge	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	34	-	-	30	83	-	-	-	-	-
Pond 1	B	24-Feb-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	36	-	-	20	86	-	-	-	-	-
Pond 1	C	12-Mar-15	pond	Hills	194	*0.003*	-	-	*0.01*	-	-	0.0023	-	-	-	-	-	-	*0.00005*	94	43	*0.005*	-	23	85	86.9	*0.0005*	310	*0.02*	0.46
Pond 1	B	26-Mar-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	43	-	-	20	80	-	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	9-Apr-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	44	-	-	18	81	-	-	-	-	-
Pond 1	B	21-Apr-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	43	-	-	18	78	-	-	-	-	-
Pond 1	B	6-May-15	pond	Hills	-	-	-	-	0.054	-	-	-	-	-	-	-	-	-	-	-	42	-	-	15	80	-	-	-	-	-
Pond 1	C	19-May-15	discharge	Hills	112	*0.003*	-	-	0.021	-	-	0.0014	-	-	-	-	-	-	*0.00005*	102	36	*0.005*	-	19	96	96.1	0.0012	330	*0.02*	0.069
Pond 1	B	3-Jun-15	pond	Hills	-	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	26	-	-	24	79	-	-	-	-	-
Pond 1	B	16-Jun-15	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	27	-	-	20	77	-	-	-	-	-
Pond 1	B	29-Jun-15	discharge	Hills	-	-	-	-	0.063	-	-	-	-	-	-	-	-	-	-	-	29	-	-	22	88	-	-	-	-	-
Pond 1	C	14-Jul-15	discharge	Hills	129	*0.003*	-	-	0.028	-	-	0.0012	-	-	-	-	-	-	*0.00005*	92	30	*0.005*	-	21	81	81.3	0.001	300	*0.02*	0.136
Pond 1	B	30-Jul-15	discharge	Hills	-	-	-	-	0.043	-	-	-	-	-	-	-	-	-	-	-	25	-	-	22	71	-	-	-	-	-
Pond 1	B	12-Aug-15	discharge	Hills	-	-	-	-	0.122	-	-	-	-	-	-	-	-	-	-	-	18	-	-	20	60	-	-	-	-	-
Pond 1	B	24-Aug-15	discharge	Hills	-	-	-	-	0.164	-	-	-	-	-	-	-	-	-	-	-	22	-	-	20	65	-	-	-	-	-
Pond 1	B	8-Sep-15	discharge	Hills	-	-	-	-	0.165	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-	16	54	-	-	-	-	-
Pond 1	C	22-Sep-15	discharge	Hills	154	0.003	-	-	0.26	-	-	0.0013	-	-	-	-	-	-	*0.00005*	67	21	*0.005*	-	10	62	62.3	0.0008	210	*0.02*	0.28
Pond 1	B	8-Oct-15	discharge	Hills	-	-	-	-	0.053	-	-	-	-	-	-	-	-	-	-	-	22	-	-	20	59	-	-	-	-	-
Pond 1	B	21-Oct-15	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	26	-	-	16	65	-	-	-	-	-
Pond 1	B	4-Nov-15	discharge	Hills	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	26	-	-	13	64	-	-	-	-	-
Pond 1	C	17-Nov-15	discharge	Hills	108	0.005	-	-	*0.01*	-	-	0.0014	-	-	-	-	-	-	*0.00005*	56	30	*0.005*	-	20	64	65.5	0.0006	191	*0.02*	0.086
Pond 1	B	30-Nov-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	30	-	-	22	64	-	-	-	-	-
Pond 1	B	15-Dec-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	31	-	-	17	60	-	-	-	-	-
Pond 1	B	5-Jan-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	34	-	-	24	65	-	-	-	-	-
Pond 1	C	20-Jan-16	discharge	Hills	103	0.006	-	-	*0.01*	-	-	0.0017	-	-	-	-	-	-	*0.00005*	61	31	*0.005*	-	23	68	69.1	0.0008	210	*0.02*	0.22
Pond 1	B	27-Jan-16	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	30	-	-	22	75	-	-	-	-	-
Pond 1	B	9-Feb-16	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	32	-	-	30	85	-	-	-	-	-
Pond 1	B	24-Feb-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	34	-	-	18	85	-	-	-	-	-
Pond 1	C	9-Mar-16	discharge	Hills	131	*0.003*	-	-	0.049	-	-	0.0022	-	-	-	-	-	-	*0.00005*	86	32	*0.005*	-	20	86	86.3	*0.0005*	280	*0.02*	0.047
Pond 1	B	23-Mar-16	pond	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	-	38	-	-	29	97	-	-	-	-	-
Pond 1	B	6-Apr-16	discharge	Hills	-	-	-	-	0.046	-	-	-	-	-	-	-	-	-	-	-	39	-	-	27	98	-	-	-	-	-
Pond 1	B	3-May-16	discharge	Hills	144	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	36	-	-	24	95	97.2	-	-	-	-
Pond 1	C	18-May-16	pond	Hills	143	*0.003*	-	-	0.01	-	-	0.0017	-	-	-	-	-	-	*0.00005*	102	38	*0.0005*	-	27	97	97.1	*0.0005*	320	*0.02*	0.058
Pond 1	B	3-Jun-16	discharge	Hills	141	-	-	-	0.11	-	-	-	-	-	-	-	-	-	-	-	36	-	-	22	90	90.9	-	-	-	-
Pond 1	B	18-Jun-16	discharge	Hills	160	-	-	-	0.051	-	-	-	-	-	-	-	-	-	-	-	40	-	-	29	96.3	97.5	-	-	-	-
Pond 1	B	29-Jun-16	discharge	Hills	144	-	-	-	0.104	-	-	-	-	-	-	-	-	-	-	-	31	-	-	15	81	81.7	-	-	-	-
Pond 1	B	13-Jul-16	discharge	Hills	129	-	-	-	0.177	-	-	-	-	-	-	-	-	-	-	-	23	-	-	14	57.1	57	-	-	-	-
Pond 1	B	27-Jul-16	discharge	Hills	158	-	-	-	0.188	-	-	-	-	-	-	-	-	-	-	-	35	-	-	17	69	70.5	-	-	-	-
Pond 1	H	12-Aug-16	discharge	Hills	129	0.004	-	-	0.122	-	-	0.0014	-	-	-	-	-	-	*0.00005*	61	18.8	*0.0006*	-	16	49	50.5	0.0021	189	-	0.69
Pond 1	B	25-Aug-16	discharge	Hills	157	-	-	-	0.27	-	-	-	-	-	-	-	-	-	-	-	23	-	-	18	54	59.4	-	-	-	-
Pond 1	B	7-Sep-16	Pond	Hills	153	-	-	-	0.033	-	-	-	-	-	-	-	-	-	-	-	24	-	-	13	64	65.9	-	-	-	-
Pond 1	B	22-Sep-16	Pond	Hills	131	-	-	-	0.049	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	16	54	55.4	-	-	-	-
Pond 1	C	4-Oct-16	discharge	Hills	156	*0.003*	-	-	0.128	-	-	0.002	-	-	-	-	-	-	*0.00005*	-	16.7	-	-	21	54	54.1	0.002	196	*0.02*	0.82
Pond 1	B	20-Oct-16	Pond	Hills	170	-	-	-	0.127	-	-	-	-	-	-	-	-	-	-	-	22	-	-	16	60	58	-	-	-	-
Pond 1	B	3-Nov-16	Pond	Hills	167	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	25	-	-	14	63	62.1	-	-	-	-
Pond 1	C	22-Nov-16	pond	Hills	155	*0.003*	-	-	0.078	-	-	0.0018	-	-	-	-	-	-	*0.00005*	-	28	-	-	18	70	69.3	0.0005	250	*0.02*	0.102
Pond 1	B	30-Nov-16	Pond	Hills	164	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	-	30	-	-	28	76	75.8	-	-	-	-
Pond 1	B	13-Dec-16	Pond	Hills	148	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	32	-	-	27	73	72.2	-	-	-	-
Pond 1	B	5-Jan-17	Pond	Hills	143	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	35	-	-	32	73	72.3	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	C	12-Jan-17	pond	Hills	145	*0.003*	-	-	0.01	-	-	-	-	-	-	-	-	-	*0.00005*	-	37	-	-	24	69	73.8	0.0005	230	*0.02*	0.051
Pond 1	B	31-Jan-17	Pond	Hills	136	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	41	-	-	28	70	72.3	-	-	-	-
Pond 1	H	9-Feb-17	Pond	Hills	140	*0.003*	-	-	0.01	-	-	0.0014	-	-	-	-	-	-	*0.00005*	63	42	*0.0005*	-	23	73.3	7.7	0.0005	220	-	0.116
Pond 1	B	22-Feb-17	Pond	Hills	123	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	32	-	-	30	71.5	71	-	-	-	-
Pond 1	B	9-Mar-17	Pond	Hills	131	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	33	-	-	19	88	86.1	-	-	-	-
Pond 1	B	22-Mar-17	Pond	Hills	143	-	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	25	-	-	28	82	81.2	-	-	-	-
Pond 1	B	3-Apr-17	Pond	Hills	142	-	-	-	0.047	-	-	-	-	-	-	-	-	-	-	-	26	-	-	34	83	82.3	-	-	-	-
Pond 1	B	20-Apr-17	Pond	Hills	153	-	-	-	0.86	-	-	-	-	-	-	-	-	-	-	-	22	-	-	22	73	72.6	-	-	-	-
Pond 1	B	5-May-17	Pond	Hills	168	-	-	-	0.56	-	-	-	-	-	-	-	-	-	-	-	26	-	-	24	78	75.7	-	-	-	-
Pond 1	C	31-May-17	Pond		146	-	-	-	0.195	-	-	-	-	-	-	-	-	-	*0.00005*	-	25	-	-	*30*	58	60	0.0015	210	*0.02*	0.59
Pond 1	B	13-Jun-17	Pond	Hills	184	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	35	-	-	65	75	73.9	-	-	-	-
Pond 1	B	27-Jun-17	Pond	Hills	182	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	-	36	-	-	30	77	75.9	-	-	-	-
Pond 1	B	11-Jul-17	Pond	Hills	147	-	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	22	-	-	9	57	56.7	-	-	-	-
Pond 1	B	27-Jul-17	Pond	Hills	167	-	-	-	0.36	-	-	-	-	-	-	-	-	-	-	-	26	-	-	47	64	64	-	-	-	-
Pond 1	B	15-Aug-17	Pond	Hills	183	-	-	-	0.124	-	-	-	-	-	-	-	-	-	-	-	34	-	-	58	70	70	-	-	-	-
Pond 1	H	30-Aug-17	Dicharge	Hills	157	*0.005*	-	-	0.015	-	-	0.0019	-	-	-	-	-	-	*0.00005*	72	31	*0.0005*	-	34	64	63.9	0.001	220	-	0.32
Pond 1	B	14-Sep-17	Pond	Hill	172	-	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	35	-	-	22	68	66.4	-	-	-	-
Pond 1	B	28-Sep-17	Pond	Hill	165	-	-	-	0.47	-	-	-	-	-	-	-	-	-	-	-	34	-	-	20	66	64.4	-	-	-	-
Pond 1	B	11-Oct-17	Pond	Hill	133	-	-	-	0.117	-	-	-	-	-	-	-	-	-	-	-	35	-	-	16	59	59.8	-	-	-	-
Pond 1	B	26-Oct-17	Pond	Hill	176	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-	40	-	-	24	73	70.7	-	-	-	-
Pond 1	B	9-Nov-17	Pond	Hill	-	-	-	-	0.144	-	-	-	-	-	-	-	-	-	-	-	42	-	-	20	73	73.4	-	-	-	-
Pond 1	C	23-Nov-17	Pond	Hill	152	-	-	-	0.091	-	-	-	-	-	-	-	-	-	*0.000005*	-	35	-	-	26	70	67.5	0.0009	230	*0.02*	0.114
Pond 1	B	6-Dec-17	Pond	Hill	166	-	-	-	0.132	-	-	-	-	-	-	-	-	-	-	-	38	-	-	24	74	74.2	-	-	-	-
Pond 1	B	21-Dec-17	Pond	Hill	177	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	41	-	-	26	77	74.4	-	-	-	-
Pond 1	B	10-Jan-18	Pond	Hill	126	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	33	-	-	22	84	84	-	-	-	-
Pond 1	B	23-Jan-18	Pond	Hill	130	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	36	-	-	20	84	86.8	-	-	-	-
Pond 1	H	8-Feb-18	Pond	Hills	114	-	-	-	0.086	-	-	-	-	-	-	-	-	-	*0.00005*	-	20	-	-	14	65	67.7	0.0029	220	-	0.3
Pond 1	B	28-Feb-18	Pond	Hill	159	-	-	-	0.0136	-	-	-	-	-	-	-	-	-	-	88	24	-	-	27	73	78	-	-	-	-
Pond 1	B	8-Mar-18	Pond	Hill	168	-	-	-	*0.172*	-	-	-	-	-	-	-	-	-	-	87	23	-	-	32	75.1	78	-	-	-	-
Pond 1	B	29-Mar-18	Pond	Hill	112	-	-	-	0.126	-	-	-	-	-	-	-	-	-	-	72	18.6	-	-	16	62.1	65	-	-	-	-
Pond 1	B	12-Apr-18	Pond	Hill	114	-	-	-	0.120	-	-	-	-	-	-	-	-	-	-	60	24	-	-	20	54.8	57.5	-	-	-	-
Pond 1	B	24-Apr-18	Pond	Hill	123	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	64	26	-	-	17	59	60.8	-	-	-	-
Pond 1	B	9-May-18	Pond	Hill	163	-	-	-	1.150	-	-	-	-	-	-	-	-	-	-	80	30	-	-	22	72.1	75.1	-	-	-	-
Pond 1	C	29-May-18	Pond	Hill	157	*0.003*	-	-	1.380	-	-	0.002	-	-	-	-	-	-	*0.00005*	74	28	0.0008	-	28	67.5	69.6	0.0018	220	*0.02*	1.28
Pond 1	B	14-Jun-18	Pond	Hill	163	-	-	-	3.500	-	-	-	-	-	-	-	-	-	-	64	22	-	-	20	56.3	59.1	-	-	-	-
Pond 1	B	28-Jun-18	Pond	Hill	154	-	-	-	0.650	-	-	-	-	-	-	-	-	-	-	68	19.6	-	-	13	49.8	51.7	-	-	-	-
Pond 1	B	16-Jul-18	Pond	Hill	143	-	-	-	2.100	-	-	-	-	-	-	-	-	-	-	54	22	-	-	25	46.3	48.3	-	-	-	-
Pond 1	C	18-Jul-18	Pond	Hill	145	0.009	-	-	2.800	-	-	0.0021	-	-	-	-	-	-	*0.00005*	54	22	0.0015	-	50	47	48.8	0.0032	159	0.02	1.26
Pond 1	B	26-Jul-18	Pond	Hill	172	-	-	-	4.400	-	-	-	-	-	-	-	-	-	-	64	24	-	-	26	58.5	60.1	-	-	-	-
Pond 1	B	9-Aug-18	Pond	Hill	187	-	-	-	3.100	-	-	-	-	-	-	-	-	-	-	73	31	-	-	30	66.5	67.9	-	-	-	-
Pond 1	H	23-Aug-18	Pond	Hill	167	*0.003*	-	-	1.270	-	-	0.0017	-	-	-	-	-	-	*0.00005*	74	30	0.0009	-	18	62	65.2	0.0021	220	-	0.3
Pond 1	B	11-Sep-18	Discharge	Hill	161	-	-	-	0.175	-	-	-	-	-	-	-	-	-	-	71	28	-	-	23	60	62.8	-	-	-	-
Pond 1	B	25-Sep-18	Pond	Hill	156	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	75	29	-	-	18	59	62.4	-	-	-	-
Pond 1	B	9-Oct-18	Pond	Hill	129	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	61	33	-	-	20	58	60.8	-	-	-	-
Pond 1	B	23-Oct-18	Pond	Hill	126	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	57	34	-	-	20	58.2	60.2	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	6-Nov-18	Pond	Hill	143	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	70	33	-	-	18	65	64	-	-	-	-
Pond 1	C	20-Nov-18	Pond	Hill	132	*0.003*	-	-	*0.010*	-	-	0.0017	-	-	-	-	-	-	*0.00005*	69	39	*0.0005*	-	20	70	69.1	0.0007	220	*0.02*	0.126
Pond 1	B	6-Dec-18	Discharge	Hill	113	-	-	-	0.064	-	-	-	-	-	-	-	-	-	-	60	23	-	-	9	54	53.6	-	-	-	-
Pond 1	B	20-Dec-18	Pond	Hill	94	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	52	37	-	-	14	59.5	59.7	-	-	-	-
Pond 1	B	8-Jan-19	Pond	Hill	110	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	66	103	-	-	19	81.3	81.5	-	-	-	-
Pond 1	B	22-Jan-19	Pond	Hill	104	-	-	-	0.045	-	-	-	-	-	-	-	-	-	-	58	101	-	-	22	81	81.4	-	-	-	-
Pond 1	H	7-Feb-19	Pond	Hill	71	0.005	-	-	*0.01*	-	-	0.0014	-	-	-	-	-	-	*0.00005*	43	109	*0.0005*	-	21	76.9	77.8	0.001	147	-	0.072
Pond 1	B	20-Feb-19	Pond	Hill	84	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	45	118	-	-	32	84	82.1	-	-	-	-
Pond 1	B	7-Mar-19	Pond	Hill	92	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	47	119	-	-	34	87	86.1	-	-	-	-
Pond 1	B	27-Mar-19	Pond	Hill	147	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	55	130	-	-	68	87.7	89.2	-	-	-	-
Pond 1	B	10-Apr-19	Pond	Hill	141	-	-	-	0.194	-	-	-	-	-	-	-	-	-	-	95	89	-	-	27	94.3	96	-	-	-	-
Pond 1	B	26-Apr-19	Pond	Hill	140	-	-	-	0.42	-	-	-	-	-	-	-	-	-	-	98	94	-	-	26	98	96.2	-	-	-	-
Pond 1	B	15-May-19	Pond	Hill	139	-	-	-	0.22	-	-	-	-	-	-	-	-	-	-	94	88	-	-	25	94.5	91.4	-	-	-	-
Pond 1	C	27-May-19	Pond	Hill	142	*0.003*	-	-	0.091	-	-	0.0013	-	-	-	-	-	-	*0.00005*	99	68	*0.0005*	-	25	91.5	93.3	*0.0005*	320	*0.02*	0.112
Pond 1	B	11-Jun-19	Discharge	Hill	142	-	-	-	0.083	-	-	-	-	-	-	-	-	-	-	95	52	-	-	30	85.2	85.2	-	-	-	-
Pond 1	B	25-Jun-19	Discharge	Hill	159	-	-	-	0.048	-	-	-	-	-	-	-	-	-	-	123	60	-	-	28	96	95.8	-	-	-	-
Pond 1	B	9-Jul-19	Pond	Hill	154	-	-	-	0.044	-	-	-	-	-	-	-	-	-	-	108	47	-	-	30	86.6	84.4	-	-	-	-
Pond 1	B	22-Jul-19	Pond	Hill	160	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	125	40	-	-	26	82.5	80.6	-	-	-	-
Pond 1	B	6-Aug-19	Pond	Hill	167	-	-	-	0.040	-	-	-	-	-	-	-	-	-	-	115	43	-	-	22	89.9	88.8	-	-	-	-
Pond 1	H	21-Aug-19	Discharge	Hill	177	0.003	-	-	0.073	-	-	0.0021	-	-	-	-	-	-	*0.00005*	108	38	*0.0005*	-	21	85	83.7	0.0019	330	-	0.107
Pond 1	B	3-Sep-19	Pond	Hill	167	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	103	37	-	-	24	85	82.9	-	-	-	-
Pond 1	B	18-Sep-19	Pond	Hill	151	-	-	-	0.120	-	-	-	-	-	-	-	-	-	-	91	39	-	-	20	73.2	71.1	-	-	-	-
Pond 1	B	1-Oct-19	Pond	Hill	144	-	-	-	0.071	-	-	-	-	-	-	-	-	-	-	87	39	-	-	28	73.2	74.4	-	-	-	-
Pond 1	B	18-Oct-19	Pond	Hill	143	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	70	25	-	-	24	53	54.9	-	-	-	-
Pond 1	B	5-Nov-19	Pond	Hill	82	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	52	37	-	-	28	57	55.4	-	-	-	-
Pond 1	C	19-Nov-19	Pond	Hill	96	0.003	-	-	*0.01*	-	-	0.0026	-	-	-	-	-	0.25	*0.00005*	55	37	*0.0005*	-	27	58	57.2	0.0006	187	*0.02*	0.064
Pond 1	B	2-Dec-19	Pond	Hill	56	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	40	36	-	-	30	54.7	53	-	-	-	-
Pond 1	B	17-Dec-19	Pond	Hill	63	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	41	39	-	-	30	56	54.7	-	-	-	-
Pond 1	B	7-Jan-20	Pond	Hill	83	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	47	46	-	-	32	60	59	-	-	-	-
Pond 1	B	22-Jan-20	Pond	Hill	110	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	56	51	-	-	32	68.2	65.6	-	-	-	-
Pond 1	H	5-Feb-20	Pond	Hill	151	*0.003*	-	-	*0.01*	-	-	0.0026	-	-	-	-	-	-	*0.00005*	68	57	*0.0005*	-	36	79	78	*0.0005*	230	-	0.031
Pond 1	B	25-Feb-20	Pond	Hill	142	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	62	60	-	-	46	79	75.7	-	-	-	-
Pond 1	B	10-Mar-20	Pond	Hill	173	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	66	67	-	-	60	84	81.6	-	-	-	-
Pond 1	B	23-Mar-20	Pond	Hill	165	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	87	69	-	-	47	89	87.8	-	-	-	-
Pond 1	B	6-Apr-20	Pond	Hill	180	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	89	68	-	-	60	94	91.7	-	-	-	-
Pond 1	B	22-Apr-20	Pond	Hill	178	-	-	-	0.061	-	-	-	-	-	-	-	-	-	-	95	65	-	-	46	89	87.1	-	-	-	-
Pond 1	C	11-May-20	Pond	Hill	159	0.003	-	-	0.24	-	-	0.0015	-	-	-	-	-	0.31	*0.00005*	77	56	*0.0005*	-	34	77.5	76.3	0.0005	250	*0.02*	0.144
Pond 1	B	26-May-20	Pond	Hill	137	-	-	-	0.039	-	-	-	-	-	-	-	-	-	-	66	39	-	-	24	68	65.5	-	-	-	-
Pond 1	B	9-Jun-20	Pond	Hill	132	-	-	-	0.187	-	-	-	-	-	-	-	-	-	-	91	45	-	-	30	82	81.5	-	-	-	-
Pond 1	B	23-Jun-20	Pond	Hill	144	-	-	-	0.066	-	-	-	-	-	-	-	-	-	-	102	47	-	-	31	89	88.9	-	-	-	-
Pond 1	B	8-Jul-20	Pond	Hill	150	-	-	-	0.44	-	-	-	-	-	-	-	-	-	-	103	39	-	-	24	83.4	81.4	-	-	-	-
Pond 1	B	23-Jul-20	Pond	Hill	164	-	-	-	0.95	-	-	-	-	-	-	-	-	-	-	99	35	-	-	26	79	77.6	-	-	-	-
Pond 1	B	11-Aug-20	Pond	Hill	147	-	-	-	0.38	-	-	-	-	-	-	-	-	-	-	101	35	-	-	30	76	73.8	-	-	-	-
Pond 1	H	25-Aug-20	Pond	Hill	158	0.007	-	-	1.14	-	-	0.0019	-	-	-	-	-	-	*0.00005*	87	35	0.0006	-	29	72.7	70.9	0.0033	260	-	0.141
Pond 1	C	7-Sep-20	Pond	Hill	166	0.006	-	-	0.48	-	-	0.0021	-	-	-	-	-	0.31	*0.00005*	90	38	0.0008	-	29	78.1	77.7	0.0029	280	*0.02*	0.111

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	22-Sep-20	Pond	Hill	134	-	-	-	0.080	-	-	-	-	-	-	-	-	-	-	77	42	-	-	34	75.4	73.8	-	-	-	-
Pond 1	B	6-Oct-20	Pond	Hill	107	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	69	46	-	-	41	73	71.3	-	-	-	-
Pond 1	B	20-Oct-20	Pond	Hill	94	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	62	48	-	-	32	72	71	-	-	-	-
Pond 1	C	4-Nov-20	Pond	Hill	82	0.007	-	-	*0.010*	-	-	0.0023	-	-	-	-	-	0.38	*0.00005*	71	54	*0.0005*	-	68	77.7	77.4	0.0009	240	*0.02*	0.072
Pond 1	B	18-Nov-20	Pond	Hill	122	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	72	34	-	-	30	66	66.7	-	-	-	-
Pond 1	B	2-Dec-20	Pond	Hill	116	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	74	36	-	-	34	68	67.5	-	-	-	-
Pond 1	B	17-Dec-20	Pond	Hill	89	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	76	54	-	-	30	90.4	90.9	-	-	-	-
Pond 1	B	11-Jan-21	Pond	Hill	112	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	74	58	-	-	28	105.1	104.9	-	-	-	-
Pond 1	B	25-Jan-21	Pond	Hill	104	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	71	61	-	-	33	102.4	102.7	-	-	-	-
Pond 1	H	10-Feb-21	Pond	Hill	122	*0.006*	-	-	*0.010*	-	-	*0.002*	-	-	-	-	-	-	*0.0001*	80	60	*0.0010*	-	38	108.2	106.8	*0.0010*	270	-	*0.042*
Pond 1	B	24-Feb-21	Pond	Hill	113	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	76	62	-	-	34	104.9	104.4	-	-	-	-
Pond 1	B	9-Mar-21	Pond	Hill	105	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	69	58	-	-	28	98.7	97.9	-	-	-	-
Pond 1	B	25-Mar-21	Pond	Hill	92	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	65	61	-	-	32	101.1	99.4	-	-	-	-
Pond 1	B	8-Apr-21	Pond	Hill	109	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	70	52	-	-	27	90	89.3	-	-	-	-
Pond 1	B	22-Apr-21	Pond	Hill	136	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	82	50	-	-	27	97	95.9	-	-	-	-
Pond 1	B	6-May-21	Pond	Hill	134	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	83	50	-	-	25	95.2	93.9	-	-	-	-
Pond 1	C	20-May-21	Pond	Hill	133	*0.003*	-	-	0.023	-	-	0.0012	-	-	-	-	-	0.3	*0.00005*	86	47	*0.0005*	-	28	92.7	90.4	0.0006	270	*0.02*	0.03
Pond 1	B	3-Jun-21	Pond	Hill	137	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	85	44	-	-	24	90	88.8	-	-	-	-
Pond 1	B	17-Jun-21	Pond	Hill	159	-	-	-	0.197	-	-	-	-	-	-	-	-	-	-	95	47	-	-	31	89.3	86.7	-	-	-	-
Pond 1	B	1-Jul-21	Pond	Hill	159	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	88	39	-	-	26	79.6	78.1	-	-	-	-
Pond 1	B	16-Jul-21	Pond	Hill	162	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	93	41	-	-	28	81	78.8	-	-	-	-
Pond 1	H	2-Aug-21	Pond	Hill	152	0.005	-	-	0.019	-	-	0.001	-	-	-	-	-	-	*0.00005*	81	29	*0.0005*	-	23	66	63.2	0.0026	250	-	0.161
Pond 1	B	16-Aug-21	Pond	Hill	164	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	85	34	-	-	25	69	69	-	-	-	-
Pond 1	B	30-Aug-21	Pond	Hill	149	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	84	35	-	-	28	67	68	-	-	-	-
Pond 1	B	13-Sep-21	Pond	Hill	121	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	56	16	-	-	15	42.5	41.5	-	-	-	-
Pond 1	B	27-Sep-21	Pond	Hill	129	-	-	-	0.077	-	-	-	-	-	-	-	-	-	-	53	13.5	-	-	13	41	40.6	-	-	-	-
Pond 1	B	11-Oct-21	Pond	Hill	134	-	-	-	0.086	-	-	-	-	-	-	-	-	-	-	57	16	-	-	16	46.3	45.6	-	-	-	-
Pond 1	B	26-Oct-21	Pond	Hill	135	-	-	-	0.039	-	-	-	-	-	-	-	-	-	-	65	18.9	-	-	22	49	49.7	-	-	-	-
Pond 1	C	8-Nov-21	Pond	Hill	158	*0.003*	-	-	0.084	-	-	0.0015	-	-	-	-	-	0.142	*0.00005*	71	20	*0.0005*	-	22	55	53.4	0.0012	210	*0.02*	0.067
Pond 1	B	23-Nov-21	Pond	Hill	154	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	67	24	-	-	24	56	54.4	-	-	-	-
Pond 1	B	7-Dec-21	Pond	Hill	145	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	59	26	-	-	25	52	51.1	-	-	-	-
Pond 1	B	20-Dec-21	Pond	Hill	114	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	60	24	-	-	29	50	48.3	-	-	-	-
Pond 1	B	6-Jan-22	Pond	Hill	99	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	49	25	-	-	22	49	47.8	-	-	-	-
Pond 1	B	20-Jan-22	Pond	Hill	83	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	42	29	-	-	21	48.5	46.9	-	-	-	-
Pond 1	B	3-Feb-22	Pond	Hill	91	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	45	33	-	-	26	51	50	-	-	-	-
Pond 1	H	17-Feb-22	Pond	Hill	110	*0.003*	-	-	0.021	-	-	0.0015	-	-	-	-	-	-	*0.00005*	54	33	*0.0005*	-	30	55	54.2	*0.0005*	174	-	0.032
Pond 1	B	7-Mar-22	Pond	Hill	128	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	59	35	-	-	30	58.4	57.1	-	-	-	-
Pond 1	B	22-Mar-22	Pond	Hill	132	-	-	-	0.069	-	-	-	-	-	-	-	-	-	-	57	35	-	-	29	58.5	57.7	-	-	-	-
Pond 1	B	5-Apr-22	Pond	Hill	130	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	78	25	-	-	21	59	57.9	-	-	-	-
Pond 1	B	19-Apr-22	Pond	Hill	149	-	-	-	0.058	-	-	-	-	-	-	-	-	-	-	77	27	-	-	31	64	61.7	-	-	-	-
Pond 1	C	9-May-22	Pond	Hill	150	*0.003*	-	-	0.034	-	-	0.0014	-	-	-	-	-	0.191	*0.00005*	79	31	*0.0005*	-	19	64	63.1	*0.0005*	240	*0.02*	0.037
Pond 1	B	23-May-22	Pond	Hill	137	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	72	30	-	-	12	63	62.1	-	-	-	-
Pond 1	B	8-Jun-22	Discharge	Hill	151	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	77	32	-	-	18	67	66.6	-	-	-	-
Pond 1	B	22-Jun-22	Pond	Hill	171	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	11	39	-	-	31	81.4	78.9	-	-	-	-
Pond 1	B	5-Jul-22	Pond	Hill	164	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	104	34	-	-	30	77	74.7	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	19-Jul-22	Discharge	Hill	152	-	-	-	0.290	-	-	-	-	-	-	-	-	-	-	75	20	-	-	17	55	54	-	-	-	-
Pond 1	H	1-Aug-22	Pond	Hill	158	0.007	-	-	0.091	-	-	0.001	-	-	-	-	-	-	*0.00005*	69	21	0.0006	-	20	53.4	52.9	0.0019	210	-	0.138
Pond 1	B	15-Aug-22	Pond	Hill	150	-	-	-	0.460	-	-	-	-	-	-	-	-	-	-	70	21	-	-	12	54.6	54.7	-	-	-	-
Pond 1	B	29-Aug-22	Pond	Hill	172	-	-	-	0.126	-	-	-	-	-	-	-	-	-	-	85	26	-	-	20	62	61.4	-	-	-	-
Pond 1	B	12-Sep-22	Pond	Hill 3075387.1	138	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	57	17.8	-	-	20	47.5	46.8	-	-	-	-
Pond 1	B	27-Sep-22	Pond	Hill 3085123.1	159	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	70	29	-	-	27	59.4	58	-	-	-	-
Pond 1	B	10-Oct-22	Pond	Hill 3095159.1	165	-	-	-	0.360	-	-	-	-	-	-	-	-	-	-	67	24	-	-	24	55	54.9	-	-	-	-
Pond 1	B	25-Oct-22	Pond	Hill 3104306.1	166	0.003	-	-	0.020	-	-	-	-	-	-	-	-	-	-	73	30	-	-	27	63	62.6	-	-	-	-
Pond 1	C	8-Nov-22	Pond	Hill 3113136.1	139	0.010	-	-	0.054	-	-	0.0014	-	-	-	-	-	0.139	*0.00005*	59	21	*0.0005*	-	26	49	48.1	0.0011	180	0.03	0.112
Pond 1	B	22-Nov-22	Pond	Hill 3122370.1	124	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	56	15.5	-	-	28	42	40	-	-	-	-
Pond 1	B	6-Dec-22	Pond	Hill 3132692.1	154	-	-	-	0.068	-	-	-	-	-	-	-	-	-	-	62	21	-	-	28	50	49.9	-	-	-	-
Pond 1	B	22-Dec-22	Pond	Hill 3143778.1	155	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	62	23	-	-	30	52	50.9	-	-	-	-
Pond 1	B	9-Jan-23	Discharge	Hill 3149230.1	135	-	-	-	0.270	-	-	-	-	-	-	-	-	-	-	64	23	-	-	28	52	50.8	-	-	-	-
Pond 1	B	23-Jan-23	Pond	Hill 3159105.1	146	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	75	20	-	-	24	56	55.4	-	-	-	-
Pond 1	H	7-Feb-23	Pond	Hill 3168184.1	128	0.013	-	-	0.168	-	-	0.0013	-	-	-	-	-	-	*0.00005*	57	13.2	*0.0005*	-	26	39	39.8	0.0022	164	-	0.098
Pond 1	B	22-Feb-23	Pond	Hill 3182080.1	112	-	-	-	0.056	-	-	-	-	-	-	-	-	-	-	54	9.6	-	-	8	36.1	35.3	-	-	-	-
Pond 1	B	6-Mar-23	Pond	Hill 3196731.1	106	-	-	-	0.044	-	-	-	-	-	-	-	-	-	-	51	8.6	-	-	13	32.8	31.8	-	-	-	-
Pond 1	B	21-Mar-23	Pond	Hill 3212032.1	124	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	59	12.4	-	-	12	38	37.5	-	-	-	-
Pond 1	B	7-Apr-23	Pond	Hill 3233901.1	135	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	62	15.1	-	-	29	45.7	44.6	-	-	-	-
Pond 1	B	21-Apr-23	Pond	Hill 3252438.1	148	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	74	20	-	-	27	49.6	48.5	-	-	-	-
Pond 1	C	12-May-23	Pond	Hill 3275086.4	99	0.042	-	-	0.024	-	-	*0.0010*	-	-	-	-	-	0.058	*0.00005*	43	8.8	*0.0005*	-	17	31	30.4	0.0023	126	0.21	1.8
Pond 1	B	30-May-23	Pond	Hill 3290923.1	151	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	69	23	-	-	30	52	51.9	-	-	-	-
Pond 1	B	15-Jun-23	Pond	Hill 3302102.1	*160*	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	69	22	-	-	18	53	53.9	-	-	-	-
Pond 1	B	22-Jun-23	Pond	Hill 3307617.1	166	-	-	-	0.051	-	-	-	-	-	-	-	-	-	-	71	23	-	-	18	56	56.4	-	-	-	-
Pond 1	B	12-Jul-23	Pond	Hill 3315667.1	140	-	-	-	0.192	-	-	-	-	-	-	-	-	-	-	61	21	-	-	32	45	44.1	-	-	-	-
Pond 1	B	20-Jul-23	Pond	Hill 3326110.1	148	-	-	-	0.183	-	-	-	-	-	-	-	-	-	-	70	19.6	-	-	18	49	48.1	-	-	-	-
Pond 1	B	10-Aug-23	Pond	Hill 3340739.1	180	-	-	-	1.64	-	-	-	-	-	-	-	-	-	-	80	30	-	-	80	64	61	-	-	-	-
Pond 1	B	18-Aug-23	Pond	Hill 3345212.1	190	-	-	-	1.53	-	-	-	-	-	-	-	-	-	-	81	30	-	-	65	65	62.6	-	-	-	-
Pond 1	B	7-Sep-23	Pond	Hill 3360107.1	156	-	-	-	0.37	-	-	-	-	-	-	-	-	-	-	70	27	-	-	34	60	55.5	-	-	-	-
Pond 1	B	13-Sep-23	Pond	Hill 3363106.1	154	-	-	-	0.039	-	-	-	-	-	-	-	-	-	-	67	22	-	-	41	55	51.6	-	-	-	-
Pond 1	B	6-Oct-23	Pond	Hills 3381015.1	117	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	67	15.3	-	-	20	58	57.9	-	-	-	-
Pond 1	B	12-Oct-23	Pond	Hills 3383860.1	152	-	-	-	0.52	-	-	-	-	-	-	-	-	-	-	69	22	-	-	25	52	54.1	-	-	-	-
Pond 1	B	3-Nov-23	Pond	Hills 3399556.1	152	-	-	-	0.74	-	-	-	-	-	-	-	-	-	-	65	26	-	-	22	54	53.1	-	-	-	-
Pond 1	H	8-Nov-23	Pond	Hills 3403609.1	152	-	-	-	0.43	-	-	0.0014	-	-	-	-	-	-	*0.00005*	69	24	*0.0005*	-	32	54	53.4	0.0008	210	-	0.3
Pond 1	B	24-Nov-23	Pond	Hills 3414745.1	153	-	-	-	0.26	-	-	-	-	-	-	-	-	-	-	70	25	-	-	26	56	55.2	-	-	-	-
Pond 1	C	25-Nov-23	Pond	Hills 3414776.1	156	0.013	-	-	0.47	-	-	0.0017	-	-	-	-	-	0.147	*0.00005*	73	26	*0.0005*	-	32	57	55.6	0.0007	220	0.03	0.22
Pond 1	B	8-Nov-23	Pond	Hills 3424896.1	161	-	-	-	0.42	-	-	-	-	-	-	-	-	-	-	77	28	-	-	32	57	56.8	-	-	-	-
Pond 1	B	21-Dec-23	Pond	Hills 3434878.1	158	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	73	28	-	-	26	55	57	-	-	-	-
Pond 1	B	8-Jan-24	Pond	Hills 3440416.1	110	-	-	-	0.064	-	-	-	-	-	-	-	-	-	-	69	20	-	-	27	52.9	53	-	-	-	-
Pond 1	B	18-Jan-24	Pond	Hills 3447519.1	87	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	58	22	-	-	32	50	49.2	-	-	-	-
Pond 1	H	5-Feb-24	Pond	Hills 3459798.1	77	-	-	-	*0.01*	-	-	0.0017	-	-	-	-	-	-	*0.00005*	49	23	-	-	36	52	50.6	0.0009	164	-	0.143
Pond 1	B	15-Feb-24	Pond	Hills 3468936.1	58	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	40	29	-	-	34	50	46.8	-	-	-	-
Pond 1	B	29-Feb-24	Pond	Hills 3482686.1	67	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	41	30	-	-	35	48	47.2	-	-	-	-
Pond 1	B	13-Mar-24	Pond	Hills 3499045.1	87	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	61	27	-	-	52	56	55.4	-	-	-	-
Pond 1	B	27-Mar-24	Pond	Hills 3522038.1	137	-	-	-	0.058	-	-	-	-	-	-	-	-	-	-	62	23	-	-	29	42	41.7	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 1	B	12-Apr-24	Pond	Hills 3541327.1	105	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	65	32	-	-	18	72	55	-	-	-	-
Pond 1	B	24-Apr-24	Pond	Hills 3559570.1	110	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	78	32	-	-	27	61	60.5	-	-	-	-
Pond 1	B	9-May-24	Pond	Hills 3577819.1	111	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	79	29	-	-	39	66	64.4	-	-	-	-
Pond 1	C	27-May-24	Pond	Hills 3593002.1	116	0.007	-	-	0.169	-	-	*0.001*	-	-	-	-	-	0.081	*0.00005*	78	25	*0.0005*	-	28	58.6	59	0.0023	240	0.03	0.168
Pond 1	B	11-Jun-24	Pond	Hills 3604225.1	154	-	-	-	1.94	-	-	-	-	-	-	-	-	-	-	98	34	-	-	28	74	72.2	-	-	-	-
Pond 1	B	24-Jun-24	Pond	Hills 3614230.1	170	-	-	-	4.4	-	-	-	-	-	-	-	-	-	-	66	25	-	-	45	55	63.6	-	-	-	-
Pond 1	B	5-Jul-24	Pond	Hills 3621553.1	-	-	-	-	0.021	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	-	-	*0.0005*	-	-	-	64.9	0.0014	-	-	-
Pond 1	B	18-Jul-24	Pond	Hills 3632050.1	143	-	-	-	0.68	-	-	-	-	-	-	-	-	-	-	65	22	-	-	30	53	51.2	-	-	-	-
Pond 1	H	2-Aug-24	Pond	Hills 3641802.1	179	0.006	-	-	0.43	-	-	0.0016	-	-	-	-	-	-	*0.00005*	74	23	0.0005	-	22	56	57.3	0.0018	220	-	0.49
Pond 1	B	16-Aug-24	Pond	Hills 3651692.1	200	-	-	-	0.36	-	-	-	-	-	-	-	-	-	-	86	28	-	-	34	68	65.7	-	-	-	-
Pond 1	B	29-Aug-24	Pond	Hills 3660407.1	190	-	-	-	0.23	-	-	-	-	-	-	-	-	-	-	91	37	-	-	33	68	68.2	-	-	-	-
Pond 1	B	12-Sep-24	Pond	Hills 3671006.1	158	-	-	-	0.31	-	-	-	-	-	-	-	-	-	-	60	18.9	-	-	24	50	47.3	-	-	-	-
Pond 1	B	26-Sep-24	Pond	Hills 3681023.1	150	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	64	21	-	-	24	50	47.3	-	-	-	-
Pond 1	B	10-Oct-24	Pond	Hills 3691499.1	143	-	-	-	0.146	-	-	-	-	-	-	-	-	-	-	71	22	-	-	28	50	48.6	-	-	-	-
Pond 2	B	12-Jan-05	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	28.8	-	-	27	35	-	-	-	-	-
Pond 2	B	26-Jan-05	discharge	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	28.7	-	-	27	39	39.4	-	-	-	-
Pond 2	C	9-Feb-05	discharge	Hills	89	-	-	-	0.17	-	-	0.002	-	-	-	-	-	-	<0.00005	40.3	34.2	<0.0005	-	47	39	36.9	0.0008	128	<0.02	0.23
Pond 2	B	23-Feb-05	pond	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	34.4	-	-	55	39	39.7	-	-	-	-
Pond 2	B	9-Mar-05	discharge	Hills	-	-	-	-	0.13	-	-	-	-	-	-	-	-	-	-	-	33.7	-	-	46	42	41.5	-	-	-	-
Pond 2	B	23-Mar-05	pond	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	39.4	-	-	52	44	45	-	-	-	-
Pond 2	B	6-Apr-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	37.6	-	-	33	37	37	-	-	-	-
Pond 2	C	20-Apr-05	pond	Hills	65	-	-	-	<0.01	-	-	0.002	-	-	-	-	-	-	<0.00005	25.7	36.1	<0.0005	-	32	37	35	0.0007	90	0.04	0.17
Pond 2	B	4-May-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	34.5	-	-	28	34	34	-	-	-	-
Pond 2	B	18-May-05	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	31.9	-	-	27	37	36	-	-	-	-
Pond 2	B	1-Jun-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	35.4	-	-	27	58	60	-	-	-	-
Pond 2	C	15-Jun-05	pond	Hills	71	-	-	-	<0.01	-	-	0.001	-	-	-	-	-	-	<0.00005	79.9	41.7	<0.0005	-	34	66	65	0.0022	249	<0.02	0.13
Pond 2	B	30-Jun-05	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	23.8	-	-	29	55	55	-	-	-	-
Pond 2	B	13-Jul-05	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	26	50	50	-	-	-	-
Pond 2	B	27-Jul-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	16	47	47	-	-	-	-
Pond 2	B	10-Aug-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	21.3	-	-	20	54	53	-	-	-	-
Pond 2	C	24-Aug-05	discharge	Hills	69	0.011	-	-	0.01	-	-	0.001	-	-	-	-	-	-	<0.00005	52.9	22.1	<0.0005	-	20	45	45	0.0021	175	<0.02	0.15
Pond 2	B	7-Sep-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	22.8	-	-	25	43	43	-	-	-	-
Pond 2	B	21-Sep-05	discharge	Hills	-	-	-	-	0.58	-	-	-	-	-	-	-	-	-	-	-	22.7	-	-	19	45	46	-	-	-	-
Pond 2	B	5-Oct-05	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	24.1	-	-	25	44	43	-	-	-	-
Pond 2	C	19-Oct-05	discharge	Hills	124	0.01	-	-	0.02	-	-	0.001	-	-	-	-	-	-	<0.00005	58.4	21.6	<0.0005	-	25	44	43	0.0033	175	0.04	0.2
Pond 2	B	2-Nov-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	15.1	-	-	31	37	36	-	-	-	-
Pond 2	B	16-Nov-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	17	-	-	46	34	33	-	-	-	-
Pond 2	B	30-Nov-05	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	20.3	-	-	137	39	39	-	-	-	-
Pond 2	C	7-Dec-05	pond	Hills	104	0.45	-	-	0.02	-	-	0.001	-	-	-	-	-	-	<0.00005	35.9	22.2	<0.0005	-	76	33	33	<0.0005	111	0.06	0.65
Pond 2	B	21-Dec-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	22.1	-	-	111	34	34	-	-	-	-
Pond 2	B	11-Jan-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	30.7	-	-	92	60	60	-	-	-	-
Pond 2	B	25-Jan-06	pond	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	23.3	-	-	70	48	47	-	-	-	-
Pond 2	C	8-Feb-06	discharge	Hills	129	<0.003	-	-	0.04	-	-	0.001	-	-	-	-	-	-	<0.00005	89.8	31	<0.0005	-	32	73	72	0.0011	273	<0.02	0.67
Pond 2	B	22-Feb-06	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	34.1	-	-	38	70	70	-	-	-	-
Pond 2	B	8-Mar-06	pond	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	35.2	-	-	40	71	69	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	22-Mar-06	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	36.7	-	-	33	73	73	-	-	-	-
Pond 2	B	5-Apr-06	discharge	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	34	-	-	26	82	81	-	-	-	-
Pond 2	C	19-Apr-06	discharge	Hills	105	0.004	-	-	<0.01	-	-	<0.001	-	-	-	-	-	-	<0.00005	92.3	31	<0.0005	-	25	77	75	0.0015	286	<0.02	0.31
Pond 2	B	3-May-06	pond	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	13	-	-	78	43	41	-	-	-	-
Pond 2	B	17-May-06	pond	Hills	-	-	-	-	1.04	-	-	-	-	-	-	-	-	-	-	-	24.5	-	-	65	56	55	-	-	-	-
Pond 2	B	31-May-06	discharge	Hills	-	-	-	-	0.36	-	-	-	-	-	-	-	-	-	-	-	24	-	-	27	56	56	-	-	-	-
Pond 2	C	14-Jun-06	pond	Hills	154	0.006	-	-	0.75	-	-	0.001	-	-	-	-	-	-	<0.00005	71.9	20.4	<0.0005	-	32	49	48	0.0033	210	<0.02	1.15
Pond 2	B	28-Jun-06	discharge	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	18.1	-	-	28	50	50	-	-	-	-
Pond 2	B	12-Jul-06	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	19.4	-	-	32	52	52	-	-	-	-
Pond 2	B	26-Jul-06	discharge	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	22	-	-	22	60	61	-	-	-	-
Pond 2	B	9-Aug-06	discharge	Hills	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	10.1	-	-	9	37	37	-	-	-	-
Pond 2	C	23-Aug-06	discharge	Hills	149	0.005	-	-	0.05	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	66	12.9	< 0.0005	-	20	45	45	0.0023	194	< 0.02	0.44
Pond 2	B	5-Sep-06	discharge	Hills	-	-	-	-	0.11	-	-	-	-	-	-	-	-	-	-	-	13.4	-	-	12	43	43	-	-	-	-
Pond 2	B	19-Sep-06	discharge	Hills	-	-	-	-	0.08	-	-	-	-	-	-	-	-	-	-	-	13.8	-	-	29	40	39	-	-	-	-
Pond 2	B	4-Oct-06	pond	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	11	-	-	29	32	32	-	-	-	-
Pond 2	C	18-Oct-06	discharge	Hills	74	0.015	-	-	0.01	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	39.7	11.8	< 0.0005	-	142	31	30.7	0.0022	120	0.02	0.19
Pond 2	B	1-Nov-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	0.044	-	-	15.5	-	-	16	30	31	-	-	-	-
Pond 2	B	14-Nov-06	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	21.8	-	-	17	32	31.7	-	-	-	-
Pond 2	B	29-Nov-06	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	30.8	-	-	22	36	35.6	-	-	-	-
Pond 2	C	6-Dec-06	discharge	Hills	73	0.014	-	-	0.06	-	-	0.002	-	-	-	-	-	-	< 0.00005	38.3	33.1	< 0.0005	-	23	36	37.3	0.0014	123	0.04	0.26
Pond 2	B	20-Dec-06	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	32.8	-	-	38	41	41.2	-	-	-	-
Pond 2	B	10-Jan-07	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	37.8	-	-	41	43	43.4	-	-	-	-
Pond 2	B	24-Jan-07	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	41.1	-	-	47	46	47	-	-	-	-
Pond 2	C	7-Feb-07	pond	Hills	98	0.025	-	-	0.02	-	-	0.003	-	-	-	-	-	-	< 0.00005	22.6	45	< 0.0005	-	143	34	33.9	0.0007	79	0.03	0.85
Pond 2	B	21-Feb-07	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	46.6	-	-	168	38	39.3	-	-	-	-
Pond 2	B	7-Mar-07	pond	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	50.6	-	-	148	39	40.8	-	-	-	-
Pond 2	B	21-Mar-07	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	44.4	-	-	178	44	44.7	-	-	-	-
Pond 2	B	4-Apr-07	pond	Hills	-	-	-	-	0.13	-	-	-	-	-	-	-	-	-	-	-	23.9	-	-	22	49	49	-	-	-	-
Pond 2	C	18-Apr-07	discharge	Hills	130	0.035	-	-	0.03	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	64.7	26.5	< 0.0005	-	24	54	53.4	0.0007	190	< 0.02	1
Pond 2	B	2-May-07	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	26.4	-	-	38	56	56.4	-	-	-	-
Pond 2	B	16-May-07	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	28.1	-	-	72	58	58.4	-	-	-	-
Pond 2	C	13-Jun-07	pond	Hills	142	0.005	-	-	0.02	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	79.7	28.1	< 0.0005	-	44	62	61.5	0.0005	236	< 0.02	1.38
Pond 2	B	27-Jun-07	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	30.6	-	-	31	63	62.4	-	-	-	-
Pond 2	B	11-Jul-07	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	24.3	-	-	27	51	51.6	-	-	-	-
Pond 2	B	24-Jul-07	discharge	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	23	-	-	10	45	43.8	-	-	-	-
Pond 2	B	8-Aug-07	discharge	Hills	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-	17	41	40.7	-	-	-	-
Pond 2	C	22-Aug-07	pond	Hills	123	0.006	-	-	< 0.01	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	52.5	14.9	< 0.0005	-	16	37	37.1	0.002	153	< 0.02	0.69
Pond 2	B	5-Sep-07	discharge	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	14	-	-	21	39	39.2	-	-	-	-
Pond 2	B	19-Sep-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	16.4	-	-	20	41	39.9	-	-	-	-
Pond 2	B	3-Oct-07	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	16	25	25.6	-	-	-	-
Pond 2	C	17-Oct-07	pond	Hills	120	0.003	-	-	0.01	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	46.2	9.6	< 0.0005	-	16	33	32.7	0.0022	135	< 0.02	0.65
Pond 2	B	31-Oct-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	12	-	-	18	31	31	-	-	-	-
Pond 2	B	13-Nov-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	15	-	-	18	31	31	-	-	-	-
Pond 2	B	28-Nov-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	20	-	-	17	32	32	-	-	-	-
Pond 2	C	5-Dec-07	discharge	Hills	48	0.014	-	-	< 0.010	-	-	0.0013	-	-	56	-	-	-	< 0.000050	27	20	< 0.00050	-	20	31	31	0.0016	94	<0.02	0.19

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	19-Dec-07	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	22	-	-	28	33	33	-	-	-	-
Pond 2	B	9-Jan-08	discharge	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	26	-	-	23	37	37	-	-	-	-
Pond 2	B	23-Jan-08	pond	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	30	-	-	32	46	46	-	-	-	-
Pond 2	C	5-Feb-08	discharge	Hills	160	0.004	-	-	0.024	-	-	0.0017	-	-	190	-	-	-	< 0.000050	67	33	< 0.00050	-	34	52	53	< 0.00050	210	< 0.020	0.31
Pond 2	B	20-Feb-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	35	-	-	25	53	52	-	-	-	-
Pond 2	B	5-Mar-08	discharge	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	29	-	-	12	50	50	-	-	-	-
Pond 2	B	19-Mar-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	28	-	-	< 6.0	46	46	-	-	-	-
Pond 2	B	2-Apr-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	30	-	-	22	38	42	-	-	-	-
Pond 2	C	15-Apr-08	discharge	Hills	100	0.0047	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	50	29	< 0.00050	-	24	40	47	0.0019	160	< 0.020	0.55
Pond 2	B	30-Apr-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	27	-	-	24	50	52	-	-	-	-
Pond 2	B	14-May-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	24	52	52	-	-	-	-
Pond 2	B	28-May-08	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	21	-	-	23	54	53	-	-	-	-
Pond 2	C	11-Jun-08	discharge	Hills	140	< 0.0030	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	62	22	< 0.00050	-	23	58	57	0.0011	190	< 0.020	0.11
Pond 2	B	25-Jun-08	discharge	Hills	-	-	-	-	0.078	-	-	-	-	-	-	-	-	-	-	-	19	-	-	29	50	49	-	-	-	-
Pond 2	B	9-Jul-08	discharge	Hills	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-	-	-	22	-	-	24	52	51	-	-	-	-
Pond 2	B	23-Jul-08	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	20	-	-	24	53	51	-	-	-	-
Pond 2	B	6-Aug-08	discharge	Hills	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	14	-	-	16	36	35	-	-	-	-
Pond 2	C	20-Aug-08	discharge	Hills	76	0.0031	-	-	0.027	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	54	13	< 0.00050	-	19	39	40	0.002	160	< 0.020	0.6
Pond 2	B	3-Sep-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	11	-	-	6.2	38	37	-	-	-	-
Pond 2	B	16-Sep-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12	-	-	19	42	41	-	-	-	-
Pond 2	B	1-Oct-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14	-	-	130	43	42	-	-	-	-
Pond 2	C	15-Oct-08	pond	Hills	150	0.0045	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	60	15	< 0.00050	-	17	44	43	0.00085	180	< 0.020	0.12
Pond 2	B	29-Oct-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14	-	-	16	44	44	-	-	-	-
Pond 2	B	11-Nov-08	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	15	-	-	18	40	39.9	-	-	-	-
Pond 2	B	26-Nov-08	discharge	Hills	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	15	-	-	17	36	35.4	-	-	-	-
Pond 2	C	3-Dec-08	discharge	Hills	73	0.0067	-	-	0.013	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	34	15	< 0.00050	-	9.9	35	34.1	0.00071	110	< 0.020	0.12
Pond 2	B	17-Dec-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15	-	-	14	38	36.8	-	-	-	-
Pond 2	B	7-Jan-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16	-	-	18	43	42.4	-	-	-	-
Pond 2	B	21-Jan-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16	-	-	17	43	41.9	-	-	-	-
Pond 2	C	4-Feb-09	pond	Hills	130	< 0.0030	-	-	0.016	-	-	0.0012	-	-	-	-	-	-	< 0.000050	51	19	< 0.00050	-	72	44	43.6	< 0.00050	160	< 0.020	0.2
Pond 2	B	18-Feb-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17	-	-	16	40	38.9	-	-	-	-
Pond 2	B	4-Mar-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	20	-	-	28	42	41.1	-	-	-	-
Pond 2	B	18-Mar-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	23	44	43	-	-	-	-
Pond 2	C	1-Apr-09	discharge	Hills	62	0.01	-	-	< 0.010	-	-	0.0014	-	-	-	-	-	-	< 0.000050	28	24	< 0.00050	-	26	34	33.6	0.00058	95	0.023	0.081
Pond 2	B	15-Apr-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	25	-	-	26	33	32.5	-	-	-	-
Pond 2	B	29-Apr-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	27	-	-	20	33	32.8	-	-	-	-
Pond 2	B	12-May-09	pond	Hills	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	26	-	-	21	47	46.9	-	-	-	-
Pond 2	B	27-May-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	24	-	-	26	63	60.6	-	-	-	-
Pond 2	C	10-Jun-09	discharge	Hills	120	0.0037	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	66	16	< 0.00050	-	20	49	47.3	0.0027	200	0.021	0.94
Pond 2	B	24-Jun-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17	-	-	19	51	48.4	-	-	-	-
Pond 2	B	8-Jul-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	11	-	-	15	43	42	-	-	-	-
Pond 2	B	22-Jul-09	discharge	Hills	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	11	-	-	16	41	40	-	-	-	-
Pond 2	C	5-Aug-09	discharge	Hills	110	0.0035	-	-	0.01	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	51	12	< 0.00050	-	18	39	38.5	0.0012	160	< 0.020	0.083
Pond 2	B	18-Aug-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	15	40	39.1	-	-	-	-
Pond 2	B	2-Sep-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	11	-	-	15	36	35.9	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	15-Sep-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	11	-	-	24	31	30.4	-	-	-	-
Pond 2	C	30-Sep-09	discharge	Hills	87	0.0037	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	38	10	< 0.00050	-	16	34	33	0.0015	120	< 0.020	0.41
Pond 2	B	14-Oct-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	10	-	-	17	33	32.8	-	-	-	-
Pond 2	B	28-Oct-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14	-	-	13	24	29.7	-	-	-	-
Pond 2	B	10-Nov-09	discharge	Hills	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	12	-	-	26	29	32.6	-	-	-	-
Pond 2	B	25-Nov-09	discharge	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	14	-	-	27	36	34.9	-	-	-	-
Pond 2	C	2-Dec-09	pond	Hills	130	0.0035	-	-	< 0.010	-	-	0.0016	-	-	-	-	-	-	< 0.000050	47	16	< 0.00050	-	20	39	37.3	< 0.00050	150	< 0.020	0.42
Pond 2	B	16-Dec-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	24	-	-	30	50	50.3	-	-	-	-
Pond 2	B	8-Jan-10	pond	Hills	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	27	-	-	21	44	43.8	-	-	-	-
Pond 2	B	20-Jan-10	pond	Hills	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	28	-	-	23	43	41.3	-	-	-	-
Pond 2	C	3-Feb-10	pond	Hills	86	0.005	-	-	< 0.010	-	-	0.0017	-	-	-	-	-	-	< 0.000050	36	29	< 0.00050	-	26	42	40.2	< 0.00050	110	< 0.020	0.1
Pond 2	B	17-Feb-10	pond	Hills	-	-	-	-	0.051	-	-	-	-	-	-	-	-	-	-	-	31	-	-	34	43	43	-	-	-	-
Pond 2	B	3-Mar-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	43	-	-	24	48	48.3	-	-	-	-
Pond 2	B	26-May-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	28	54	53.5	-	-	-	-
Pond 2	C	9-Jun-10	pond	Hills	130	< 0.003	-	-	0.024	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	84	20	< 0.0005	-	27	60	58.5	0.0021	250	< 0.02	0.45
Pond 2	B	23-Jun-10	discharge	Hills	-	-	-	-	0.139	-	-	-	-	-	-	-	-	-	-	-	22	-	-	26	66	-	-	-	-	-
Pond 2	B	7-Jul-10	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	15.1	-	-	20	46	-	-	-	-	-
Pond 2	B	21-Jul-10	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	14.9	-	-	17	48	-	-	-	-	-
Pond 2	C	4-Aug-10	discharge	Hills	147	0.003	-	-	0.011	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	71	12.9	< 0.0005	-	17	48	47.5	0.0016	210	< 0.02	0.47
Pond 2	B	18-Aug-10	discharge	Hills	-	-	-	-	0.024	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	19	52	-	-	-	-	-
Pond 2	B	1-Sep-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13.4	-	-	20	53	-	-	-	-	-
Pond 2	B	14-Sep-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	28	53	-	-	-	-	-
Pond 2	C	27-Sep-10	discharge	Hills	172	< 0.003	-	-	0.028	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	78	16.1	< 0.0005	-	18	54	54.1	0.0011	230	< 0.02	0.133
Pond 2	B	13-Oct-10	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	18.3	-	-	19	55	-	-	-	-	-
Pond 2	B	27-Oct-10	discharge	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	20	-	-	17	56	-	-	-	-	-
Pond 2	B	10-Nov-10	pond	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	22	-	-	20	59	-	-	-	-	-
Pond 2	B	24-Nov-10	pond	Hills	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	23	-	-	32	63	-	-	-	-	-
Pond 2	C	1-Dec-10	pond	Hills	122	< 0.003	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	83	24	< 0.0005	-	36	64	65.3	< 0.0005	250	< 0.02	0.44
Pond 2	B	15-Dec-10	pond	Hills	-	-	-	-	0.053	-	-	-	-	-	-	-	-	-	-	-	29	-	-	34	67	-	-	-	-	-
Pond 2	B	5-Jan-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	25	-	-	32	60	-	-	-	-	-
Pond 2	B	19-Jan-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	25	-	-	25	59	-	-	-	-	-
Pond 2	(F)	25-Jan-11	SP2A pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	76	26	-	-	18	63	-	-	230	-	-
Pond 2	C	2-Feb-11	discharge	Hills	97	0.016	-	-	0.024	-	-	0.0011	-	-	-	-	-	-	< 0.00005	62	19.3	< 0.0005	-	25	51	50.9	0.0027	183	0.13	0.39
Pond 2	B	16-Feb-11	discharge	Hills	-	-	-	-	0.054	-	-	-	-	-	-	-	-	-	-	-	22	-	-	26	56	-	-	-	-	-
Pond 2	B	2-Mar-11	de-silting	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	30-Mar-11	discharge	Hills	96	0.007	-	-	0.011	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	69	17.5	< 0.0005	-	18	55	55.2	0.0029	198	0.03	0.141
Pond 2	B	13-Apr-11	de-silting	Hills	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	18.6	-	-	18	60	-	-	-	-	-
Pond 2	B	28-Apr-11	pond	Hills	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	20	51	-	-	-	-	-
Pond 2	B	11-May-11	discharge	Hills	-	-	-	-	0.051	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	24	49	-	-	-	-	-
Pond 2	B	25-May-11	discharge	Hills	-	-	-	-	0.071	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	13	51	-	-	-	-	-
Pond 2	C	8-Jun-11	discharge	Hills	138	0.006	-	-	0.033	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	64	14.7	< 0.0005	-	10	45	44	0.0028	187	0.03	0.49
Pond 2	B	22-Jun-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14.9	-	-	25	40	-	-	-	-	-
Pond 2	B	6-Jul-11	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	11.2	-	-	16	42	-	-	-	-	-
Pond 2	B	20-Jul-11	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-	14	40	-	-	-	-	-
Pond 2	C	3-Aug-11	discharge	Hills	139	0.005	-	-	0.037	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	55	11.4	< 0.0005	-	10	37	36.6	0.0023	158	< 0.02	0.36

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	17-Aug-11	discharge	Hills	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	12.8	-	-	7	39	-	-	-	-	-
Pond 2	B	31-Aug-11	discharge	Hills	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	12.7	-	-	12	41	-	-	-	-	-
Pond 2	B	14-Sep-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15	-	-	10	43	-	-	-	-	-
Pond 2	C	28-Sep-11	discharge	Hills	146	< 0.003	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	72	16.7	< 0.0005	-	8	46	45.3	0.0022	210	< 0.02	0.1
Pond 2	B	12-Oct-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16	-	-	18	42	-	-	-	-	-
Pond 2	B	26-Oct-11	discharge	Hills	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	13.8	-	-	12	42	-	-	-	-	-
Pond 2	B	9-Nov-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13.7	-	-	12	35	-	-	-	-	-
Pond 2	B	22-Nov-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	10	27	-	-	-	-	-
Pond 2	C	30-Nov-11	pond	Hills	39	0.011	-	-	0.014	-	-	0.001	-	-	-	-	-	-	< 0.00005	27	14.9	< 0.0005	-	14	27	26.9	0.0018	89	< 0.02	0.137
Pond 2	B	14-Dec-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	11	30	-	-	-	-	-
Pond 2	B	9-Jan-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	24	46	-	-	-	-	-
Pond 2	B	18-Jan-12	discharge	Hills	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	19.4	-	-	25	45	-	-	-	-	-
Pond 2	C	1-Feb-12	discharge	Hills	103	0.003	-	-	0.02	-	-	0.001	-	-	-	-	-	-	< 0.00005	50	20	< 0.0005	-	22	42	41.3	0.0017	155	< 0.02	0.035
Pond 2	B	15-Feb-12	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	20	-	-	24	41	-	-	-	-	-
Pond 2	B	29-Feb-12	discharge	Hills	-	-	-	-	0.093	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	24	46	-	-	-	-	-
Pond 2	B	14-Mar-12	discharge	Hills	-	-	-	-	0.024	-	-	-	-	-	-	-	-	-	-	-	23	-	-	23	48	-	-	-	-	-
Pond 2	C	28-Mar-12	discharge	Hills	121	0.008	-	-	0.074	-	-	0.001	-	-	-	-	-	-	< 0.00005	56	14.9	< 0.0005	-	24	41	38.6	0.0018	161	0.03	0.172
Pond 2	B	11-Apr-12	discharge	Hills	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	15	-	-	19	42	-	-	-	-	-
Pond 2	B	23-Apr-12	discharge	Hills	-	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	-	14.9	-	-	22	42	-	-	-	-	-
Pond 2	B	9-May-12	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	26	39	-	-	-	-	-
Pond 2	B	23-May-12	discharge	Hills	-	-	-	-	0.126	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	20	44	-	-	-	-	-
Pond 2	C	6-Jun-12	discharge	Hills	123	0.006	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	63	18.8	< 0.0005	-	26	45	43.8	0.0014	182	< 0.02	0.159
Pond 2	B	20-Jun-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	20	-	-	20	44	-	-	-	-	-
Pond 2	B	4-Jul-12	discharge	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	-	20	-	-	31	41	-	-	-	-	-
Pond 2	B	18-Jul-12	discharge	Hills	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	18.4	-	-	19	39	-	-	-	-	-
Pond 2	C	1-Aug-12	pond	Hills	100	0.01	-	-	0.059	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	40	9.4	< 0.0005	-	16	28	26.4	0.0016	114	0.02	0.94
Pond 2	B	15-Aug-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	8	-	-	16	31	-	-	-	-	-
Pond 2	B	29-Aug-12	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	15	31	-	-	-	-	-
Pond 2	B	12-Sep-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	8.6	-	-	17	30	-	-	-	-	-
Pond 2	C	26-Sep-12	discharge	Hills	98	0.027	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	39	11.6	< 0.0005	-	12	30	28.5	0.0018	114	0.05	0.132
Pond 2	B	10-Oct-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12.7	-	-	18	24	-	-	-	-	-
Pond 2	B	24-Oct-12	pond	Hills	-	-	-	-	0.032	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	18	22	-	-	-	-	-
Pond 2	B	7-Nov-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	24	23	-	-	-	-	-
Pond 2	B	21-Nov-12	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	12	23	-	-	-	-	-
Pond 2	C	5-Dec-12	pond	Hills	48	0.037	-	-	0.02	-	-	0.0016	-	-	-	-	-	-	0.00005	19.5	16.7	0.0005	-	22	22	21.4	0.0009	62	0.04	0.147
Pond 2	B	19-Dec-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	27	25	-	-	-	-	-
Pond 2	B	9-Jan-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	30	29	-	-	-	-	-
Pond 2	C	23-Jan-13	pond	Hills	96	0.011	-	-	0.01	-	-	0.0014	-	-	-	-	-	-	0.00005	31	18.2	0.0005	-	18	29	28.7	0.0005	96	0.02	0.139
Pond 2	B	5-Feb-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	18.1	-	-	21	27	-	-	-	-	-
Pond 2	B	20-Feb-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	22	23	-	-	-	-	-
Pond 2	B	6-Mar-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	19.8	-	-	24	23	-	-	-	-	-
Pond 2	C	20-Mar-13	pond	Hills	87	0.012	-	-	0.01	-	-	0.0018	-	-	-	-	-	-	0.00005	26	21	0.0005	-	27	28	27.7	0.0005	81	0.02	0.111
Pond 2	B	3-Apr-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	21	-	-	26	25	-	-	-	-	-
Pond 2	B	17-Apr-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	20	-	-	22	24	-	-	-	-	-
Pond 2	B	1-May-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	22	29	-	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	15-May-13	discharge	Hills	-	-	-	-	0.199	-	-	-	-	-	-	-	-	-	-	-	23	-	-	24	57	-	-	-	-	-
Pond 2	C	29-May-13	discharge	Hills	146	*0.003*	-	-	0.127	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	109	22	*0.0005*	-	24	67	65.9	0.0013	310	*0.02*	0.25
Pond 2	B	12-Jun-13	discharge	Hills	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	30	56	-	-	-	-	-
Pond 2	B	26-Jun-13	discharge	Hills	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	31	58	-	-	-	-	-
Pond 2	B	10-Jul-13	discharge	Hills	-	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	21	-	-	22	62	-	-	-	-	-
Pond 2	C	24-Jul-13	discharge	Hills	137	*0.003*	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	93	23	*0.0005*	-	22	64	64.3	0.0011	280	*0.02*	0.081
Pond 2	B	6-Aug-13		Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	28	63	-	-	-	-	-
Pond 2	B	20-Aug-13		Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	21	-	-	22	57	-	-	-	-	-
Pond 2	B	3-Sep-13	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	23	55	-	-	-	-	-
Pond 2	C	18-Sep-13	discharge	Hills	125	0.004	-	-	0.025	-	-	0.001	-	-	-	-	-	-	0.00005	61	12	0.0005	-	26	41	41.3	0.0019	179	*0.02*	0.25
Pond 2	B	2-Oct-13	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	4.9	-	-	15	29	-	-	-	-	-
Pond 2	B	16-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	6	-	-	18	26	-	-	-	-	-
Pond 2	B	30-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	15	19	-	-	-	-	-
Pond 2	Special	6-Nov-13	pond	WM	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-
Pond 2	B	12-Nov-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	14	17	-	-	-	-	-
Pond 2	C	26-Nov-13	pond	Hills	43	0.017	-	-	*0.01*	-	-	0.0019	-	-	-	-	-	-	*0.00005*	16.9	6	*0.0005*	-	20	18	17.4	0.0009	55	*0.02*	0.105
Pond 2	B	18-Dec-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	13	21	-	-	-	-	-
Pond 2	B	3-Jan-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	8	-	-	8	19	-	-	-	-	-
Pond 2	C	14-Jan-14	pond	Hills	60	0.021	-	-	*0.01*	-	-	0.0016	-	-	-	-	-	-	*0.00005*	21	9.1	*0.0005*	-	19	21	21.2	0.0005	70	*0.02*	0.038
Pond 2	B	30-Jan-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	9.9	-	-	14	21	-	-	-	-	-
Pond 2	B	13-Feb-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	12.1	-	-	19	25	-	-	-	-	-
Pond 2	B	27-Feb-14	pond	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	18	26	-	-	-	-	-
Pond 2	C	11-Mar-14	pond	Hills	65	0.017	-	-	*0.01*	-	-	0.0015	-	-	-	-	-	-	*0.00005*	19.9	13.4	*0.0005*	-	12	23	23.5	0.0005	68	*0.02*	0.035
Pond 2	B	25-Mar-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	25	29	-	-	-	-	-
Pond 2	B	9-Apr-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-	25	27	-	-	-	-	-
Pond 2	B	28-Apr-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	25	33	-	-	-	-	-
Pond 2	B	6-May-14	pond	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	16.3	-	-	27	31	-	-	-	-	-
Pond 2	C	21-May-14	pond	Hills	97	*0.003*	-	-	0.012	-	-	0.001	-	-	-	-	-	-	*0.00005*	32	16.8	*0.0005*	-	24	31	31.1	0.0005	101	*0.02*	0.082
Pond 2	B	5-Jun-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	18	29	-	-	-	-	-
Pond 2	B	18-Jun-14	discharge	Hills	-	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	-	17.8	-	-	30	43	-	-	-	-	-
Pond 2	B	2-Jul-14	discharge	Hills	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	18.9	-	-	28	49	-	-	-	-	-
Pond 2	C	15-Jul-14	discharge	Hills	143	*0.003*	-	-	0.052	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	71	22	*0.0005*	-	21	50	50.3	0.0012	210	*0.02*	0.158
Pond 2	B	30-Jul-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	19	47	-	-	-	-	-
Pond 2	B	14-Aug-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	26	50	-	-	-	-	-
Pond 2	B	25-Aug-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	24	51	-	-	-	-	-
Pond 2	B	11-Sep-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	11.4	-	-	16	39	-	-	-	-	-
Pond 2	C	23-Sep-14	discharge	Hills	144	*0.003*	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	66	12.7	*0.0005*	-	14	43	43.8	0.0014	192	*0.02*	0.51
Pond 2	B	7-Oct-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	14.1	-	-	23	39	-	-	-	-	-
Pond 2	B	16-Oct-14	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-	23	34	-	-	-	-	-
Pond 2	B	4-Nov-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	20	40	-	-	-	-	-
Pond 2	C	19-Nov-14	discharge	Hills	105	*0.003*	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	57	24	*0.0005*	-	24	45	44.5	0.0015	175	*0.02*	0.144
Pond 2	B	1-Dec-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	25	-	-	22	41	-	-	-	-	-
Pond 2	B	23-Dec-14	discharge	Hills	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	21	-	-	24	40	-	-	-	-	-
Pond 2	B	5-Jan-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	24	40	-	-	-	-	-
Pond 2	C	19-Jan-15	pond	Hills	93	*0.003*	-	-	*0.01*	-	-	0.0011	-	-	-	-	-	-	*0.00005*	50	25	*0.0005*	-	29	41	42.3	0.0011	156	*0.02*	0.069

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	29-Jan-15	pond	Hills	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	26	-	-	20	44	-	-	-	-	-
Pond 2	B	10-Feb-15	pond	Hills	-	-	-	-	0.054	-	-	-	-	-	-	-	-	-	-	-	27	-	-	36	45	-	-	-	-	-
Pond 2	B	24-Feb-15	pond	Hills	-	-	-	-	0.26	-	-	-	-	-	-	-	-	-	-	-	28	-	-	28	48	-	-	-	-	-
Pond 2	C	12-Mar-15	pond	Hills	148	*0.003*	-	-	0.36	-	-	0.0019	-	-	-	-	-	-	*0.00005*	68	30	*0.0005*	-	38	50	50.7	*0.0005*	200	*0.02*	0.132
Pond 2	B	26-Mar-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	31	-	-	55	48	-	-	-	-	-
Pond 2	B	9-Apr-15	pond	Hills	-	-	-	-	0.082	-	-	-	-	-	-	-	-	-	-	-	30	-	-	40	47	-	-	-	-	-
Pond 2	B	21-Apr-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	30	-	-	67	46	-	-	-	-	-
Pond 2	B	6-May-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	31	-	-	44	53	-	-	-	-	-
Pond 2	C	19-May-15	discharge	Hills	144	0.003	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	93	37	*0.0005*	-	37	69	70.7	*0.0005*	280	*0.02*	0.29
Pond 2	B	3-Jun-15	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	28	-	-	24	63	-	-	-	-	-
Pond 2	B	16-Jun-15	discharge	Hills	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	27	-	-	28	64	-	-	-	-	-
Pond 2	B	29-Jun-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	27	-	-	28	66	-	-	-	-	-
Pond 2	C	14-Jul-15	discharge	Hills	149	0.003	-	-	0.022	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	95	28	*0.0005*	-	28	64.1	63	0.0011	280	*0.02*	0.2
Pond 2	B	30-Jul-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	24	56	-	-	-	-	-
Pond 2	B	12-Aug-15	discharge	Hills	-	-	-	-	0.033	-	-	-	-	-	-	-	-	-	-	-	16.6	-	-	23	47	-	-	-	-	-
Pond 2	B	24-Aug-15	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	17.8	-	-	20	50	-	-	-	-	-
Pond 2	B	8-Sep-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	11.8	-	-	18	42	-	-	-	-	-
Pond 2	C	22-Sep-15	discharge	Hills	142	0.005	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	63	12.4	*0.0005*	-	20	42	42.5	0.0013	185	*0.02*	0.151
Pond 2	B	8-Oct-15	discharge	Hills	-	-	-	-	0.045	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-	20	39	-	-	-	-	-
Pond 2	B	21-Oct-15	discharge	Hills	-	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	-	13.8	-	-	20	38	-	-	-	-	-
Pond 2	B	4-Nov-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	14	35	-	-	-	-	-
Pond 2	C	17-Nov-15	discharge	Hills	57	0.01	-	-	0.07	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	32	13.6	*0.0005*	-	20	30.6	30	0.0006	103	0.03	0.134
Pond 2	B	30-Nov-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.4	-	-	18	30	-	-	-	-	-
Pond 2	B	15-Dec-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	14.7	-	-	19	28	-	-	-	-	-
Pond 2	B	5-Jan-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.7	-	-	52	34	-	-	-	-	-
Pond 2	C	12-Jan-16	pond	Hills	100	0.005	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	33	17.7	*0.0005*	-	115	30.5	31	*0.0005*	106	*0.02*	0.137
Pond 2	B	27-Jan-16	pond	Hills	-	-	-	-	0.089	-	-	-	-	-	-	-	-	-	-	-	18.6	-	-	44	38	-	-	-	-	-
Pond 2	B	9-Feb-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	20	-	-	52	39	-	-	-	-	-
Pond 2	B	24-Feb-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	50	39	-	-	-	-	-
Pond 2	C	9-Mar-16	pond	Hills	128	0.004	-	-	*0.01*	-	-	0.001	-	-	-	-	-	-	*0.00005*	53	20	*0.0005*	-	48	44	43	*0.0005*	162	*0.02*	0.25
Pond 2	B	23-Mar-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	20	-	-	51	44	-	-	-	-	-
Pond 2	B	6-Apr-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	45	46	-	-	-	-	-
Pond 2	B	3-May-16	discharge	Hills	156	-	-	-	*0.23*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	94	50	51.6	-	-	-	-
Pond 2	C	18-May-16	pond	Hills	154	0.003	-	-	0.126	-	-	0.001	-	-	-	-	-	-	*0.00005*	69	22	*0.0005*	-	39	52	51.2	*0.0005*	200	*0.02*	0.49
Pond 2	B	3-Jun-16	pond	Hills	150	-	-	-	0.192	-	-	-	-	-	-	-	-	-	-	-	26	-	-	31	62.3	63	-	-	-	-
Pond 2	B	18-Jun-16	pond	Hills	151	-	-	-	0.112	-	-	-	-	-	-	-	-	-	-	-	26	-	-	30	62.3	63.6	-	-	-	-
Pond 2	B	29-Jun-16	discharg	Hills	160	-	-	-	0.081	-	-	-	-	-	-	-	-	-	-	-	23	-	-	23	59	59.9	-	-	-	-
Pond 2	B	13-Jul-16	Pond	Hills	132	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	-	8	-	-	23	44	44.7	-	-	-	-
Pond 2	B	26-Jul-16	discharge	Hills	153	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	20	-	-	16	48	49.3	-	-	-	-
Pond 2	H	12-Aug-16	discharge	Hills	138	0.009	-	-	0.122	-	-	0.0014	-	-	-	-	-	-	*0.00005*	56	11.5	*0.0005*	-	53	39	41.6	0.0013	164	-	0.72
Pond 2	B	25-Aug-16	discharge	Hills	136	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	11	-	-	16	40	40.6	-	-	-	-
Pond 2	B	7-Sep-16	pond	Hills	140	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	10	42	43.2	-	-	-	-
Pond 2	B	22-Sep-16	discharge	Hills	138	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	8.5	-	-	20	41	41.5	-	-	-	-
Pond 2	B	4-Oct-16	discharge	Hills	158	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-	8	40	39	-	-	-	-
Pond 2	B	20-Oct-16	Pond	Hills	120	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	5.9	-	-	14	32	31.2	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	3-Nov-16	Pond	Hills	84	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	6	-	-	16	27	26.3	-	-	-	-
Pond 2	C	22-Nov-16	Pond	Hills	59	0.015	-	-	*0.01*	-	-	0.001	-	-	-	-	-	-	0.00005	-	8.3	-	-	10	24	24.5	*0.001*	92	*0.03*	0.085
Pond 2	B	30-Nov-16	Pond	Hills	52	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	18	23	23.2	-	-	-	-
Pond 2	O&G	12-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Dec-16	Pond	Hills	60	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-	22	24	24.2	-	-	-	-
Pond 2	B	5-Jan-17	Pond	Hills	94	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	13.7	-	-	50	29	28.4	-	-	-	-
Pond 2	C	12-Jan-17	Pond	Hills	112	0.016	-	-	0.09	-	-	0.0018	-	-	-	-	-	-	*0.00005*	-	14.8	-	-	48	32	31.4	0.0005	116	*0.05*	0.64
Pond 2	B	31-Jan-17	Pond	Hills	80	-	-	-	0.52	-	-	-	-	-	-	-	-	-	-	-	21	-	-	80	44	46.4	-	-	-	-
Pond 2	H	9-Feb-17	Pond	Hills	79	0.007	-	-	0.078	-	-	0.0015	-	-	-	-	-	-	*0.00005*	71	24	-	-	48	56	55.7	0.0005	210	-	0.67
Pond 2	B	22-Feb-17	Pond	Hills	95	-	-	-	0.041	-	-	-	-	-	-	-	-	-	-	-	17.8	-	-	36	57	67.8	-	-	-	-
Pond 2	B	9-Mar-17	Pond	Hills	108	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	21	60	70.5	-	-	-	-
Pond 2	B	22-Mar-17	Pond	Hills	122	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	32	55	53.7	-	-	-	-
Pond 2	B	3-Apr-17	Pond	Hills	127	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	17.2	-	-	32	58	56.5	-	-	-	-
Pond 2	B	20-Apr-17	Discharge	Hills	137	-	-	-	0.056	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	26	-	-	-	-	-	-
Pond 2	B	5-May-17	Pond	Hills	145	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-	24	45	44.8	-	-	-	-
Pond 2	C	31-May-17	Pond	Hills	126	0.033	-	-	*0.076*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	-	7.9	-	-	26	37	35.3	0.0014	159	*0.05*	0.31
Pond 2	B	13-Jun-17	Pond	Hills	134	-	-	-	0.106	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	11	38	37	-	-	-	-
Pond 2	B	27-Jun-17	Pond	Hills	145	-	-	-	0.106	-	-	-	-	-	-	-	-	-	-	-	10.5	-	-	20	42	43	-	-	-	-
Pond 2	B	11-Jul-17	Pond	Hills	157	-	-	-	0.089	-	-	-	-	-	-	-	-	-	-	-	6.6	-	-	24	43	40.4	-	-	-	-
Pond 2	B	27-Jul-17	discharge	Hills	159	-	-	-	0.033	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-	12	41	41	-	-	-	-
Pond 2	B	15-Aug-17	discharge	Hills	160	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	14	45	46.4	-	-	-	-
Pond 2	H	30-Aug-17	Pond	Hills	140	0.007	-	-	*0.019*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	68	9	-	-	19	42	42.5	0.0011	194	-	0.34
Pond 2	B	14-Sep-17	Pond	Hills	172	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	10.4	-	-	12	48	47.5	-	-	-	-
Pond 2	B	28-Sep-17	Pond	Hills	130	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	11.7	-	-	6	40.8	40.9	-	-	-	-
Pond 2	B	11-Oct-17	Pond	Hills	120	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.1	-	-	11	40	40.3	-	-	-	-
Pond 2	B	26-Oct-17	Pond	Hills	64	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	12.3	-	-	10	31	30	-	-	-	-
Pond 2	B	9-Nov-17	Pond	Hills	44	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	12.3	-	-	14	27	26.5	-	-	-	-
Pond 2	C	23-Nov-17	Pond	Hills	41	0.006	-	-	0.01	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	-	13.4	-	-	22	27	25.9	0.0014	92	*0.02*	0.073
Pond 2	B	6-Dec-17	Pond	Hills	42	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	-	13.8	-	-	24	25	26.1	-	-	-	-
Pond 2	B	21-Dec-17	Pond	Hills	51	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	20	27	25.2	-	-	-	-
Pond 2	B	10-Jan-18	Pond	Hill	91	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18	-	-	31	35.4	35	-	-	-	-
Pond 2	B	23-Jan-18	Pond	Hill	121	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	25	-	-	34	48	46.9	-	-	-	-
Pond 2	H	8-Feb-18	Pond	Hills	135	0.008	-	-	0.041	-	-	0.0013	-	-	-	-	-	-	*0.00005*	*5E-05*	21	-	-	30	46	47.9	0.0019	198	-	0.39
Pond 2	B	28-Feb-18	Pond	Hills	150	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	65	13.3	-	-	31	40	41.3	-	-	-	-
Pond 2	B	8-Mar-18	Pond	Hills	152	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	62	13	-	-	34	40	41	-	-	-	-
Pond 2	B	29-Mar-18	Pond	Hills	130	-	-	-	*0.011*	-	-	-	-	-	-	-	-	-	-	55	12.4	-	-	32	35.1	36.1	-	-	-	-
Pond 2	B	12-Apr-18	Pond	Hills	127	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	50	15	-	-	34	33.8	35.8	-	-	-	-
Pond 2	B	24-Apr-18	Pond	Hills	124	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	53	16.7	-	-	28	33	34.6	-	-	-	-
Pond 2	B	9-May-18	Pond	Hills	134	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	53	17	-	-	23	35.7	37.3	-	-	-	-
Pond 2	C	29-May-18	Pond	Hills	158	0.008	-	-	0.114	-	-	0.0011	-	-	-	-	-	-	*0.00005*	68	19	*0.0005*	-	24	47.2	50.2	0.002	196	*0.03*	0.37
Pond 2	B	14-Jun-18	discharge	Hills	138	-	-	-	0.23	-	-	-	-	-	-	-	-	-	-	60	14	-	-	12	40.4	43.2	-	-	-	-
Pond 2	B	28-Jun-18	Pond	Hills	150	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	63	13.6	-	-	12	40.4	42.6	-	-	-	-
Pond 2	B	16-Jul-18	Pond	Hills	124	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	55	10	-	-	18	33.9	35.2	-	-	-	-
Pond 2	B	26-Jul-18	discharge	Hills	138	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	55	9.3	-	-	14	36	36.1	-	-	-	-
Pond 2	B	9-Aug-18	Pond	Hills	135	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	57	10.3	-	-	14	37.5	39.1	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	H	23-Aug-18	Pond	Hills	140	0.007	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	67	12.1	*0.0005*	-	10	42.5	43.3	0.0011	191	-	0.091
Pond 2	B	11-Sep-18	Pond	Hills	137	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	60	11.7	-	-	16	39	39.7	-	-	-	-
Pond 2	B	25-Sep-18	Pond	Hills	75	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	39	11	-	-	10	28	29.7	-	-	-	-
Pond 2	B	9-Oct-18	Pond	Hills	42	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	25	11	-	-	11	23	23.5	-	-	-	-
Pond 2	B	23-Oct-18	Pond	Hills	38	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	26	10.8	-	-	14	23	23.1	-	-	-	-
Pond 2	B	6-Nov-18	Pond	Hills	45	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	29	12.5	-	-	15	25.7	24.6	-	-	-	-
Pond 2	C	20-Nov-18	Pond	Hills	50	0.018	-	-	*0.01*	-	-	0.0019	-	-	-	-	-	-	*0.00005*	28	15	*0.0005*	-	12	26	25.6	0.0011	89	0.04	0.187
Pond 2	B	6-Dec-18	Discharge	Hills	78	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	40	12.4	-	-	10	30.1	30.1	-	-	-	-
Pond 2	B	20-Dec-18	Pond	Hills	75	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	37	11.6	-	-	20	30	29	-	-	-	-
Pond 2	B	8-Jan-19	Discharge	Hills	146	-	-	-	*0.011*	-	-	-	-	-	-	-	-	-	-	56	10.2	-	-	21	35.6	35.4	-	-	-	-
Pond 2	B	22-Jan-19	Pond	Hills	144	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	52	11.8	-	-	30	36.4	36.6	-	-	-	-
Pond 2	H	7-Feb-19	Pond	Hills	146	0.006	-	-	*0.01*	-	-	0.0012	-	-	-	-	-	-	*0.00005*	53	15	*0.0005*	-	33	39.1	39.7	*0.0005*	156	-	1.92
Pond 2	B	20-Feb-19	Pond	Hills	137	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	52	14	-	-	47	39.5	38.9	-	-	-	-
Pond 2	B	7-Mar-19	Pond	Hills	132	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	50	19.7	-	-	43	40.7	40.3	-	-	-	-
Pond 2	B	27-Mar-19	Pond	Hills	129	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	50	22	-	-	59	40.8	41.2	-	-	-	-
Pond 2	B	10-Apr-19	Pond	Hills	115	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	51	18.3	-	-	44	38.6	39.5	-	-	-	-
Pond 2	B	26-Apr-19	Pond	Hills	93	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	43	17.1	-	-	34	35	34.3	-	-	-	-
Pond 2	B	15-May-19	Pond	Hills	91	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	40	19.1	-	-	33	35.3	34.8	-	-	-	-
Pond 2	C	27-May-19	Pond	Hills	85	0.007	-	-	0.04	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	42	17.7	*0.0005*	-	28	35.4	36.5	*0.0005*	132	*0.02*	0.23
Pond 2	B	11-Jun-19	Pond	Hills	108	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	64	20	-	-	21	49	49.2	-	-	-	-
Pond 2	B	25-Jun-19	Pond	Hills	92	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	69	20	-	-	22	49	49	-	-	-	-
Pond 2	B	9-Jul-19	Discharge	Hills	138	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	87	18.3	-	-	26	51.1	58	-	-	-	-
Pond 2	B	22-Jul-19	Discharge	Hills	153	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	98	19.3	-	-	18	63.1	61.4	-	-	-	-
Pond 2	B	6-Aug-19	Discharge	Hills	137	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	93	20	-	-	18	63	62.3	-	-	-	-
Pond 2	H	21-Aug-19	Pond	Hills	127	0.004	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	80	21	*0.0005*	-	18	58.2	57.2	0.0018	240	-	0.096
Pond 2	B	3-Sep-19	Pond	Hills	80	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	65	18.8	-	-	16	48.6	47.7	-	-	-	-
Pond 2	B	18-Sep-19	Pond	Hills	79	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	44	10.8	-	-	14	33.5	32.7	-	-	-	-
Pond 2	B	1-Oct-19	Discharge	Hills	84	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	50	13.7	-	-	16	39	38.7	-	-	-	-
Pond 2	B	18-Oct-19	Pond	Hills	61	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	42	14.8	-	-	18	31	30.3	-	-	-	-
Pond 2	B	5-Nov-19	Pond	Hills	73	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	42	16.6	-	-	14	33	33.2	-	-	-	-
Pond 2	C	19-Nov-19	Pond	Hills	82	0.004	-	-	*0.010*	-	-	0.0012	-	-	-	-	-	0.042	*0.00005*	41	16.7	*0.0005*	-	14	34	33.2	0.0006	127	*0.02*	0.112
Pond 2	B	2-Dec-19	Pond	Hills	84	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	36	18	-	-	24	33.3	32.1	-	-	-	-
Pond 2	B	17-Dec-19	Pond	Hills	75	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	31	19	-	-	32	30	31.8	-	-	-	-
Pond 2	B	7-Jan-20	Pond	Hills	49	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	18.6	21	-	-	28	25	24.2	-	-	-	-
Pond 2	B	22-Jan-20	Pond	Hills	54	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	18.9	23	-	-	28	26	25.2	-	-	-	-
Pond 2	H	5-Feb-20	Pond	Hills	57	0.025	-	-	0.013	-	-	0.0034	-	-	-	-	-	-	*0.00005*	18.6	26	*0.0005*	-	37	27.7	27	0.0005	67	-	0.16
Pond 2	B	25-Feb-20	Pond	Hills	74	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	23	28	-	-	42	32	30.8	-	-	-	-
Pond 2	B	10-Mar-20	Pond	Hills	71	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	22	31	-	-	32	32	31.4	-	-	-	-
Pond 2	B	23-Mar-20	Pond	Hills	95	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	33	30	-	-	61	37	36.2	-	-	-	-
Pond 2	B	6-Apr-20	Pond	Hills	107	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	37	29	-	-	57	39	38.3	-	-	-	-
Pond 2	B	22-Apr-20	Pond	Hills	122	-	-	-	0.041	-	-	-	-	-	-	-	-	-	-	44	30	-	-	52	42	40.8	-	-	-	-
Pond 2	C	11-May-20	Pond	Hill	99	0.015	-	-	0.044	-	-	0.0015	-	-	-	-	-	0.080	*0.00005*	40	30	*0.0005*	-	45	40.5	39.6	*0.0005*	131	0.07	0.36
Pond 2	B	26-May-20	Pond	Hills	68	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	28	24	-	-	32	35	34.4	-	-	-	-
Pond 2	B	9-Jun-20	Pond	Hills	89	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	51	26	-	-	30	43.5	43.2	-	-	-	-
Pond 2	B	23-Jun-20	Pond	Hills	76	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	48	26	-	-	29	43	41.9	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	B	8-Jul-20	Discharge	Hills	166	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	91	19	-	-	26	61	60.6	-	-	-	-
Pond 2	B	23-Jul-20	Pond	Hills	169	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	89	18.5	-	-	24	58	56.4	-	-	-	-
Pond 2	B	11-Aug-20	Discharge	Hills	161	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	89	17.7	-	-	24	58	57.1	-	-	-	-
Pond 2	H	25-Aug-20	Discharge	Hills	161	0.012	-	-	0.013	-	-	0.001	-	-	-	-	-	-	*0.00005*	84	18.1	*0.0005*	-	26	57.4	57	0.0021	240	-	0.147
Pond 2	B	7-Sep-20	Pond	Hills	93	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	58	16.8	-	-	21	44.2	44.3	-	-	-	-
Pond 2	B	22-Sep-20	Pond	Hills	65	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	46	17.8	-	-	25	41.3	41	-	-	-	-
Pond 2	B	6-Oct-20	Pond	Hills	84	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	53	18	-	-	24	45.7	44.3	-	-	-	-
Pond 2	B	20-Oct-20	Pond	Hills	84	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	53	18.6	-	-	24	45.2	45.1	-	-	-	-
Pond 2	C	4-Nov-20	Pond	Hills	87	*0.003*	-	-	0.016	-	-	0.0014	-	-	-	-	-	0.062	*0.00005*	53	19.3	*0.0005*	-	31	45	44.4	0.0005	168	*0.02*	0.058
Pond 2	B	18-Nov-20	Pond	Hill	98	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	59	19.8	-	-	28	48.3	47.2	-	-	-	-
Pond 2	B	2-Dec-20	Pond	Hill	83	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	54	20	-	-	26	44.6	44.1	-	-	-	-
Pond 2	B	17-Dec-20	Pond	Hill	68	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	45	22	-	-	23	41.5	40.8	-	-	-	-
Pond 2	B	11-Jan-21	Pond	Hill	72	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	40	21	-	-	23	41.1	41.1	-	-	-	-
Pond 2	B	25-Jan-21	Pond	Hill	73	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	41	23	-	-	26	42	41.5	-	-	-	-
Pond 2	H	10-Feb-21	Pond	Hill	69	*0.006*	-	-	*0.010*	-	-	*0.002*	-	-	-	-	-	-	*0.00010*	39	23	*0.0010*	-	28	42	41.6	*0.0010*	137	-	*0.042*
Pond 2	B	24-Feb-21	Pond	Hill	67	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	36	25	-	-	28	40.7	39.6	-	-	-	-
Pond 2	B	9-Mar-21	Pond	Hill	73	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	38	24	-	-	26	41	40.5	-	-	-	-
Pond 2	B	25-Mar-21	Pond	Hill	68	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	37	24	-	-	28	41.5	40.3	-	-	-	-
Pond 2	B	8-Apr-21	Pond	Hill	100	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	62	28	-	-	20	55.6	56.1	-	-	-	-
Pond 2	B	22-Apr-21	Pond	Hill	88	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	54	29	-	-	27	55	54.2	-	-	-	-
Pond 2	B	6-May-21	Pond	Hill	78	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	53	29	-	-	20	55	54.5	-	-	-	-
Pond 2	C	20-May-21	Pond	Hill	99	*0.003*	-	-	*0.010*	-	-	0.0011	-	-	-	-	-	0.100	*0.00005*	66	30	*0.0005*	-	27	59.4	57.7	0.0006	210	*0.02*	0.041
Pond 2	B	3-Jun-21	Pond	Hill	92	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	60	31	-	-	28	59.2	58.3	-	-	-	-
Pond 2	B	17-Jun-21	Pond	Hill	165	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	92	30	-	-	30	70	68.2	-	-	-	-
Pond 2	B	1-Jul-21	Pond	Hill	168	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	79	25	-	-	32	61	59.6	-	-	-	-
Pond 2	B	16-Jul-21	Pond	Hill	118	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	67	25	-	-	24	54.7	53.8	-	-	-	-
Pond 2	H	2-Aug-21	Pond	Hill	171	0.007	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	81	22	*0.0005*	-	27	56	54.4	0.0020	230	-	0.159
Pond 2	B	16-Aug-21	Pond	Hill	176	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	83	24	-	-	31	57	56	-	-	-	-
Pond 2	B	30-Aug-21	Pond	Hill	184	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	91	24	-	-	28	60	59.4	-	-	-	-
Pond 2	B	13-Sep-21	Pond	Hill	133	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	58	13	-	-	13	40.5	40	-	-	-	-
Pond 2	B	27-Sep-21	Pond	Hill	136	-	-	-	0.400	-	-	-	-	-	-	-	-	-	-	56	13.2	-	-	15	43	42.6	-	-	-	-
Pond 2	B	11-Oct-21	Pond	Hill	142	-	-	-	0.049	-	-	-	-	-	-	-	-	-	-	61	14.1	-	-	24	45.6	45	-	-	-	-
Pond 2	B	26-Oct-21	Pond	Hill	151	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	69	11.8	-	-	26	44	44.3	-	-	-	-
Pond 2	C	8-Nov-21	Pond	Hill	154	0.007	-	-	0.035	-	-	0.0013	-	-	-	-	-	0.122	*0.00005*	69	16.9	*0.0005*	-	25	51.5	49.9	0.0012	210	0.03	0.094
Pond 2	B	23-Nov-21	Pond	Hill	153	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	67	15.4	-	-	30	49.5	48.3	-	-	-	-
Pond 2	B	7-Dec-21	Pond	Hill	131	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	55	16	-	-	27	45.6	45.2	-	-	-	-
Pond 2	B	20-Dec-21	Pond	Hill	116	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	70	20	-	-	20	48	47.9	-	-	-	-
Pond 2	B	6-Jan-22	Pond	Hill	105	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	53	22	-	-	24	48	47	-	-	-	-
Pond 2	B	20-Jan-22	Pond	Hill	116	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	60	24	-	-	27	51.6	49.6	-	-	-	-
Pond 2	B	3-Feb-22	Pond	Hill	120	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	62	27	-	-	32	52.8	51.7	-	-	-	-
Pond 2	H	17-Feb-22	Pond	Hill	134	*0.003*	-	-	0.048	-	-	0.0017	-	-	-	-	-	-	*0.00005*	68	28	*0.0005*	-	34	55.4	54.6	*0.0005*	210	-	0.046
Pond 2	B	7-Mar-22	Pond	Hill	137	-	-	-	0.050	-	-	-	-	-	-	-	-	-	-	63	29	-	-	40	55.3	54.1	-	-	-	-
Pond 2	B	22-Mar-22	Pond	Hill	111	-	-	-	0.063	-	-	-	-	-	-	-	-	-	-	52	25	-	-	27	48.3	47.8	-	-	-	-
Pond 2	B	5-Apr-22	Pond	Hill	113	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	59	23	-	-	27	46.4	45.5	-	-	-	-
Pond 2	B	19-Apr-22	Pond	Hill	70	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	38	22	-	-	30	40	39	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	C	9-May-22	Pond	Hill	120	0.005	-	-	*0.010*	-	-	0.0015	-	-	-	-	-	0.113	*0.00005*	66	28	*0.0005*	-	26	52	51.6	*0.0005*	200	0.07	0.198
Pond 2	B	23-May-22	Pond	Hill	138	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	73	29	-	-	27	60.6	59.4	-	-	-	-
Pond 2	B	8-Jun-22	Discharge	Hill	159	-	-	-	0.126	-	-	-	-	-	-	-	-	-	-	80	27	-	-	34	61	60.8	-	-	-	-
Pond 2	B	22-Jun-22	Pond	Hill	178	-	-	-	0.330	-	-	-	-	-	-	-	-	-	-	94	25	-	-	31	60	57.5	-	-	-	-
Pond 2	B	5-Jul-22	Pond	Hill	177	-	-	-	0.112	-	-	-	-	-	-	-	-	-	-	86	23	-	-	25	55.6	53.6	-	-	-	-
Pond 2	B	19-Jul-22	Pond	Hill	142	-	-	-	0.083	-	-	-	-	-	-	-	-	-	-	57	9.6	-	-	16	37	35.8	-	-	-	-
Pond 2	H	1-Aug-22	Pond	Hill	154	0.016	-	-	0.031	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	60	11.8	*0.0005*	-	20	39.5	38.4	0.0010	170	-	0.171
Pond 2	B	15-Aug-22	Pond	Hill	129	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	53	9.1	-	-	11	35	34.2	-	-	-	-
Pond 2	B	29-Aug-22	Pond	Hill	177	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	73	15.7	-	-	22	44	46.1	-	-	-	-
Pond 2	B	12-Sep-22	Discharge	Hill 3075387.2	141	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	53	11.9	-	-	20	39	38.4	-	-	-	-
Pond 2	B	27-Sep-22	Pond	Hill 3085123.2	152	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	64	12.9	-	-	26	42	40.9	-	-	-	-
Pond 2	B	10-Oct-22	Pond	Hill 3095159.2	166	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	67	11.6	-	-	22	44	43.3	-	-	-	-
Pond 2	B	25-Oct-22	Pond	Hill 3104306.2	143	*0.003*	-	-	0.017	-	-	-	-	-	-	-	-	-	-	59	12.3	-	-	21	41.5	40.5	-	-	-	-
Pond 2	C	8-Nov-22	Pond	Hill 3113793.1	144	*0.003*	-	-	0.153	-	-	0.0014	-	-	-	-	-	0.051	*0.00005*	60	13.4	*0.0005*	-	28	40.8	39.8	0.0008	170	0.03	0.136
Pond 2	B	22-Nov-22	Discharge	Hill 3122370.2	128	-	-	-	0.210	-	-	-	-	-	-	-	-	-	-	53	10.1	-	-	26	34	32.9	-	-	-	-
Pond 2	B	6-Dec-22	Pond	Hill 3132692.2	151	-	-	-	0.082	-	-	-	-	-	-	-	-	-	-	55	11	-	-	30	37	36	-	-	-	-
Pond 2	B	22-Dec-22	Pond	Hill 3143778.2	169	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	63	10.7	-	-	42	41	39.8	-	-	-	-
Pond 2	B	9-Jan-23	Discharge	Hill 3149230.2	170	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	73	12.8	-	-	30	47	45.5	-	-	-	-
Pond 2	B	23-Jan-23	Pond	Hill 3159105.2	166	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	69	10.5	-	-	30	43	41.9	-	-	-	-
Pond 2	H	7-Feb-23	Pond	Hill 3168184.2	130	*0.003*	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	51	8.4	*0.0005*	-	40	32	30.6	0.0007	141	-	0.116
Pond 2	B	22-Feb-23	Pond	Hill 3182080.2	99	-	-	-	0.024	-	-	-	-	-	-	-	-	-	-	40	4.1	-	-	8	22.7	22.3	-	-	-	-
Pond 2	B	6-Mar-23	Pond	Hill 3196731.2	95	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	40	3.6	-	-	17	22.4	21.3	-	-	-	-
Pond 2	B	21-Mar-23	Pond	Hill 3212032.2	116	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	49	4.7	-	-	16	27	26.2	-	-	-	-
Pond 2	B	7-Apr-23	Pond	Hill 3233901.2	124	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	48	5.5	-	-	14	30	28.3	-	-	-	-
Pond 2	B	21-Apr-23	Pond	Hill 3252438.2	126	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	50	6.4	-	-	19	30	29.4	-	-	-	-
Pond 2	C	12-May-23	Pond	Hill 3275086.5	106	0.035	-	-	0.100	-	-	*0.0010*	-	-	-	-	-	0.020	*0.00005*	41	7.1	*0.0005*	-	19	27	25.2	0.0015	115	0.08	0.42
Pond 2	B	30-May-23	Pond	Hill 3290923.2	141	-	-	-	0.094	-	-	-	-	-	-	-	-	-	-	55	11.6	-	-	17	36	35.3	-	-	-	-
Pond 2	B	15-Jun-23	Pond	Hill 3302102.2	161	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	61	14.5	-	-	18	40	39.7	-	-	-	-
Pond 2	B	22-Jun-23	Pond	Hill 3307617.2	157	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	60	14.2	-	-	9	40	39.6	-	-	-	-
Pond 2	B	12-Jul-23	Pond	Hill 3315701.2	150	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	59	10.4	-	-	12	30	35.1	-	-	-	-
Pond 2	B	20-Jul-23	Pond	Hill 3326110.2	150	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	64	11.5	-	-	14	37	36.2	-	-	-	-
Pond 2	B	10-Aug-23	Pond	Hill 3340739.2	143	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	58	12.3	-	-	16	38	37.5	-	-	-	-
Pond 2	B	18-Aug-23	Pond	Hill 3345212.2	142	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	67	12.8	-	-	12	38	36.4	-	-	-	-
Pond 2	B	7-Sep-23	Pond	Hill 3360107.2	148	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	61	14.3	-	-	12	45	40.1	-	-	-	-
Pond 2	B	12-Sep-23	Pond	Hill 336306.2	139	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	59	12.1	-	-	18	38	37	-	-	-	-
Pond 2	B	6-Oct-23	Pond	Hill 3381015.2	133	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	63	19.1	-	-	23	36	46	-	-	-	-
Pond 2	B	12-Oct-23	Pond	Hills 3383860.2	113	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	53	10.1	-	-	24	36	34.5	-	-	-	-
Pond 2	B	3-Nov-23	Pond	Hill 3399556.2	109	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	53	11.9	-	-	18	35	34.1	-	-	-	-
Pond 2	H	8-Nov-23	Pond	Hills 3403609.2	115	0.003	-	-	0.063	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	55	10.9	*0.0005*	-	25	36	35.5	0.0011	159	-	0.112
Pond 2	B	24-Nov-23	Pond	Hills 3414745.2	91	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	43	11.5	-	-	28	31	30.6	-	-	-	-
Pond 2	C	22-Nov-23	Pond	Hills 3412758.2	88	*0.003*	-	-	0.050	-	-	*0.0010*	-	-	-	-	-	0.03	*0.00005*	44	11.6	*0.0005*	-	26	31	29.9	0.0006	131	*0.02*	0.067
Pond 2	B	8-Nov-23	Pond	Hills 3424896.2	118	-	-	-	0.033	-	-	-	-	-	-	-	-	-	-	56	12.2	-	-	24	57	34.6	-	-	-	-
Pond 2	B	4-Jan-24	Pond	Hills 3434878.2	127	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	56	13.2	-	-	30	35	37	-	-	-	-
Pond 2	B	8-Jan-24	Pond	Hills 3440416.2	119	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	57	16.8	-	-	29	37	38.1	-	-	-	-
Pond 2	B	18-Jan-24	Pond	Hills 3447519.2	122	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	58	17.9	-	-	28	39	38.4	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 2	H	5-Feb-24	Pond	Hills 3459798.2	122	*0.003*	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	52	15	*0.0005*	-	46	40	38.4	*0.0005*	153	-	0.148
Pond 2	B	15-Feb-24	Pond	Hills 3468936.2	122	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	53	20	-	-	36	40	38.8	-	-	-	-
Pond 2	B	29-Feb-24	Pond	Hills 3482686.1	133	-	-	-	*0.033*	-	-	-	-	-	-	-	-	-	-	60	21	-	-	32	41	39.8	-	-	-	-
Pond 2	B	13-Mar-24	Pond	Hills 3499045.2	135	-	-	-	0.087	-	-	-	-	-	-	-	-	-	-	61	22	-	-	36	43	40.2	-	-	-	-
Pond 2	B	27-Mar-24	Pond	Hills 3522038.2	91	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	60	34	-	-	31	55	57.2	-	-	-	-
Pond 2	B	12-Apr-24	Pond	Hills 3541327.2	129	-	-	-	*0.128*	-	-	-	-	-	-	-	-	-	-	64	22	-	-	40	42	39.2	-	-	-	-
Pond 2	B	24-Apr-24	Pond	Hills 3559570.2	131	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	60	22	-	-	44	43	41	-	-	-	-
Pond 2	B	9-May-24	Pond	Hills 3577819.2	120	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	56	22	-	-	32	42	42.2	-	-	-	-
Pond 2	C	27-May-24	Pond	Hills 3593002.2	127	0.004	-	-	0.018	-	-	*0.0010*	-	-	-	-	-	0.042	*0.00005*	65	25	*0.0005*	-	26	45	44.8	0.0009	188	0.04	0.083
Pond 2	B	11-Jun-24	Pond	Hills 3604225.2	145	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	75	30	-	-	26	51	50.8	-	-	-	-
Pond 2	B	24-Jun-24	Pond	Hills 3614230.2	134	-	-	-	0.200	-	-	-	-	-	-	-	-	-	-	55	17.6	-	-	22	39	38.8	-	-	-	-
Pond 2	B	18-Jul-24	Pond	Hills 3632050.2	151	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	67	17.7	-	-	24	41	41.2	-	-	-	-
Pond 2	H	2-Aug-24	Pond	Hills 3641802.2	170	0.005	-	-	0.026	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	64	12.5	*0.0005*	-	20	43	42.4	0.0013	181	-	0.167
Pond 2	B	16-Aug-24	Pond	Hills 3651692.2	160	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	65	13.4	-	-	20	44	42.1	-	-	-	-
Pond 2	B	29-Aug-24	Pond	Hills 3660407.2	158	-	-	-	0.024	-	-	-	-	-	-	-	-	-	-	72	13.3	-	-	20	44	42.3	-	-	-	-
Pond 2	B	12-Sep-24	Pond	Hills 3671006.2	153	-	-	-	0.051	-	-	-	-	-	-	-	-	-	-	65	12.2	-	-	22	42	39.6	-	-	-	-
Pond 2	B	26-Sep-24	Pond	Hills 3681023.2	149	-	-	-	0.035	-	-	-	-	-	-	-	-	-	-	60	12.6	-	-	22	40	38.3	-	-	-	-
Pond 2	B	10-Oct-24	Pond	Hills 3691499.2	142	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	65	12.8	-	-	18	38	36	-	-	-	-
Pond 3	B	12-Jan-05	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	21.2	-	-	318	38	-	-	-	-	-
Pond 3	B	26-Jan-05	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	19.9	-	-	22	38	38	-	-	-	-
Pond 3	C	9-Feb-05	pond	Hills	58	0.007	-	-	0.08	-	-	0.002	-	-	-	-	-	-	<0.00005	28.9	22.5	<0.0005	-	25	39	37	0.0007	103	<0.02	<0.02
Pond 3	B	23-Feb-05	pond	Hills	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	22.5	-	-	27	45	46	-	-	-	-
Pond 3	B	9-Mar-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	22.7	-	-	25	47	48	-	-	-	-
Pond 3	B	23-Mar-05	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	25.6	-	-	36	51	52	-	-	-	-
Pond 3	B	6-Apr-05	pond	Hills	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	25.7	-	-	40	54	54	-	-	-	-
Pond 3	C	20-Apr-05	pond	Hills	136	<0.003	-	-	0.12	-	-	0.002	-	-	-	-	-	-	<0.00005	54.8	22.5	<0.0005	-	29	58	58	<0.0005	178	<0.02	0.18
Pond 3	B	4-May-05	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	26.9	-	-	31	59	58	-	-	-	-
Pond 3	B	18-May-05	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	25.4	-	-	44	59	59	-	-	-	-
Pond 3	B	1-Jun-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	26.1	-	-	68	61	62	-	-	-	-
Pond 3	C	15-Jun-05	pond	Hills	124	0.009	-	-	0.04	-	-	0.001	-	-	-	-	-	-	<0.00005	70.5	26.4	<0.0005	-	31	63	63	0.0006	218	0.02	0.13
Pond 3	B	30-Jun-05	discharge	Hills	-	-	-	-	0.16	-	-	-	-	-	-	-	-	-	-	-	26	-	-	27	61	61	-	-	-	-
Pond 3	B	13-Jul-05	pond	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	26.1	-	-	21	81	80	-	-	-	-
Pond 3	B	14-Jul-05	Ph 17 Pond	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	1	-	-	-	22.4	-	-	20	126	125	-	-	-	-
Pond 3	B	14-Jul-05	SP3(S) inlet	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	1	-	-	-	22.5	-	-	19	125	124	-	-	-	-
Pond 3	B	27-Jul-05	pond	Hills	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	22.3	-	-	18	87	86	-	-	-	-
Pond 3	B	10-Aug-05	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	21.7	-	-	16	94	92	-	-	-	-
Pond 3	C	24-Aug-05	pond	Hills	93	0.004	-	-	<0.01	-	-	<0.001	-	-	-	-	-	-	<0.00005	103	21.1	<0.0005	-	16	89	90	0.0014	355	<0.02	0.07
Pond 3	B	7-Sep-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	22	-	-	22	89	89	-	-	-	-
Pond 3	B	21-Sep-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	20.7	-	-	20	84	84	-	-	-	-
Pond 3	B	5-Oct-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	20.1	-	-	16	79	78	-	-	-	-
Pond 3	C	19-Oct-05	pond	Hills	35	0.007	-	-	<0.01	-	-	<0.001	-	-	-	-	-	-	<0.00005	65.4	19.2	<0.0005	-	21	70	69	0.0011	240	<0.02	0.04
Pond 3	B	2-Nov-05	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	19	-	-	17	65	64	-	-	-	-
Pond 3	B	16-Nov-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	28	61	60	-	-	-	-
Pond 3	B	30-Nov-05	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	20.9	-	-	89	67	67	-	-	-	-
Pond 3	C	7-Dec-05	pond	Hills	63	0.004	-	-	0.01	-	-	<0.001	-	-	-	-	-	-	<0.00005	65.9	21	<0.0005	-	28	68	69	0.0007	238	0.03	0.13

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	21-Dec-05	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	20.5	-	-	27	71	71	-	-	-	-
Pond 3	B	11-Jan-06	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	21	-	-	41	75	75	-	-	-	-
Pond 3	B	25-Jan-06	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	21.2	-	-	30	76	76	-	-	-	-
Pond 3	C	8-Feb-06	pond	Hills	122	<0.003	-	-	<0.01	-	-	0.002	-	-	-	-	-	-	<0.00005	85.8	22.1	<0.0005	-	30	76	76	<0.0005	294	0.06	0.11
Pond 3	B	22-Feb-06	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	21.1	-	-	30	81	81	-	-	-	-
Pond 3	B	8-Mar-06	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	37	86	84	-	-	-	-
Pond 3	B	22-Mar-06	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	26.3	-	-	26	91	90	-	-	-	-
Pond 3	B	5-Apr-06	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	26.2	-	-	23	90	88	-	-	-	-
Pond 3	C	19-Apr-06	pond	Hills	103	0.005	-	-	<0.01	-	-	0.001	-	-	-	-	-	-	<0.00005	88.8	26.1	<0.0005	-	26	86	84	<0.0005	311	<0.02	0.16
Pond 3	B	3-May-06	pond	Hills	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	20.5	-	-	24	66	65	-	-	-	-
Pond 3	B	17-May-06	pond	Hills	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	21.3	-	-	23	64	64	-	-	-	-
Pond 3	B	31-May-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	19.4	-	-	17	61	61	-	-	-	-
Pond 3	C	14-Jun-06	discharge	Hills	132	0.006	-	-	0.01	-	-	<0.001	-	-	-	-	-	-	<0.00005	95.4	20.8	<0.0005	-	24	75	75	0.0009	315	0.03	0.08
Pond 3	B	28-Jun-06	pond	Hills	-	-	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	26	79	78	-	-	-	-
Pond 3	B	12-Jul-06	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	29	77	77	-	-	-	-
Pond 3	B	26-Jul-06	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	19.9	-	-	13	75	76	-	-	-	-
Pond 3	B	9-Aug-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	17	71	70	-	-	-	-
Pond 3	C	23-Aug-06	pond	Hills	110	0.004	-	-	< 0.01	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	76	18.7	< 0.0005	-	18	63	63.5	0.0006	246	< 0.02	0.08
Pond 3	B	5-Sep-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	18.3	-	-	19	59	59	-	-	-	-
Pond 3	B	19-Sep-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	18	64	64	-	-	-	-
Pond 3	B	4-Oct-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-	19	60	60	-	-	-	-
Pond 3	C	18-Oct-06	discharge	Hills	90	< 0.003	-	-	0.02	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	66.9	13.9	< 0.0005	-	23	65	64.6	< 0.0005	233	< 0.02	0.03
Pond 3	B	1-Nov-06	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	0.143	-	-	14.5	-	-	16	64	64	-	-	-	-
Pond 3	B	14-Nov-06	pond	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	26	63	62.8	-	-	-	-
Pond 3	B	29-Nov-06	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	16.4	-	-	17	65	65.1	-	-	-	-
Pond 3	C	6-Dec-06	discharge	Hills	107	< 0.003	-	-	< 0.01	-	-	0.001	-	-	-	-	-	-	< 0.00005	71.8	16.6	< 0.0005	-	10	66	66.5	< 0.0005	243	< 0.02	0.1
Pond 3	B	20-Dec-06	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	23	67	67.5	-	-	-	-
Pond 3	B	10-Jan-07	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	33	69	69.7	-	-	-	-
Pond 3	B	24-Jan-07	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	48	69	70.2	-	-	-	-
Pond 3	C	7-Feb-07	pond	Hills	119	0.007	-	-	0.02	-	-	0.001	-	-	-	-	-	-	< 0.00005	70.7	19.6	< 0.0005	-	46	71	70.8	< 0.0005	242	0.03	0.62
Pond 3	B	21-Feb-07	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	21	-	-	39	75	75.2	-	-	-	-
Pond 3	B	7-Mar-07	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	23.3	-	-	135	82	81.4	-	-	-	-
Pond 3	B	21-Mar-07	pond	Hills	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	25.2	-	-	166	85	86.9	-	-	-	-
Pond 3	B	4-Apr-07	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	19.8	-	-	36	66	66.7	-	-	-	-
Pond 3	C	18-Apr-07	pond	Hills	111	0.004	-	-	0.04	-	-	0.001	-	-	-	-	-	-	< 0.00005	76.7	22.7	< 0.0005	-	30	68	67.9	< 0.0005	242	< 0.02	1.09
Pond 3	B	2-May-07	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	22.9	-	-	28	67	67.7	-	-	-	-
Pond 3	B	16-May-07	pond	Hills	-	-	-	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	23.8	-	-	36	69	69.3	-	-	-	-
Pond 3	C	13-Jun-07	pond	Hills	131	0.003	-	-	0.33	-	-	0.001	-	-	-	-	-	-	< 0.00005	79.2	23.3	< 0.0005	-	30	71	70.8	< 0.0005	251	0.02	0.24
Pond 3	B	27-Jun-07	pond	Hills	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	25.2	-	-	28	70	69.9	-	-	-	-
Pond 3	B	11-Jul-07	discharge	Hills	-	-	-	-	0.27	-	-	-	-	-	-	-	-	-	-	-	25.6	-	-	16	62	62.8	-	-	-	-
Pond 3	B	24-Jul-07	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	27.2	-	-	14	57	56.7	-	-	-	-
Pond 3	B	8-Aug-07	discharge	Hills	-	-	-	-	0.19	-	-	-	-	-	-	-	-	-	-	-	24.8	-	-	25	54	54	-	-	-	-
Pond 3	C	22-Aug-07	discharge	Hills	126	0.018	-	-	0.04	-	-	< 0.001	-	-	-	-	-	-	< 0.00005	65.3	23.5	< 0.0005	-	14	50	49.4	0.0011	198	0.06	0.18
Pond 3	B	5-Sep-07	discharge	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	22.3	-	-	18	61	60.4	-	-	-	-
Pond 3	B	19-Sep-07	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	20.3	-	-	12	78	78.3	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	3-Oct-07	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	22	74	72.4	-	-	-	-
Pond 3	C	17-Oct-07	pond	Hills	108	0.007	-	-	0.01	-	-	0.001	-	-	-	-	-	-	< 0.00005	77.6	17.6	< 0.0005	-	16	68	68.6	0.0006	258	< 0.02	0.07
Pond 3	B	31-Oct-07	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	18	-	-	16	65	65	-	-	-	-
Pond 3	B	13-Nov-07	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	17	-	-	18	60	60	-	-	-	-
Pond 3	B	28-Nov-07	pond	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	18	-	-	16	58	58	-	-	-	-
Pond 3	C	5-Dec-07	discharge	Hills	47	0.0087	-	-	< 0.010	-	-	0.0013	-	-	48	-	-	-	< 0.000050	48	18	< 0.00050	-	18	57	58	< 0.00050	180	<0.02	0.042
Pond 3	B	19-Dec-07	discharge	Hills	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	18	-	-	19	55	54	-	-	-	-
Pond 3	B	9-Jan-08	discharge	Hills	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	19	-	-	35	59	59	-	-	-	-
Pond 3	B	23-Jan-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	30	63	63	-	-	-	-
Pond 3	C	5-Feb-08	discharge	Hills	96	< 0.0030	-	-	< 0.010	-	-	0.0017	-	-	120	-	-	-	< 0.000050	70	22	< 0.00050	-	34	68	68	< 0.00050	240	< 0.020	0.35
Pond 3	B	20-Feb-08	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	37	71	71	-	-	-	-
Pond 3	B	5-Mar-08	pond	Hills	-	-	-	-	0.16	-	-	-	-	-	-	-	-	-	-	-	21	-	-	28	75	75	-	-	-	-
Pond 3	B	19-Mar-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	25	78	77	-	-	-	-
Pond 3	B	2-Apr-08	pond	Hills	-	-	-	-	0.13	-	-	-	-	-	-	-	-	-	-	-	23	-	-	29	75	81	-	-	-	-
Pond 3	C	15-Apr-08	discharge	Hills	130	0.0065	-	-	0.32	-	-	0.0016	-	-	-	-	-	-	< 0.000050	73	22	< 0.00050	-	25	69	80	< 0.00050	260	0.022	0.11
Pond 3	B	30-Apr-08	discharge	Hills	-	-	-	-	0.36	-	-	-	-	-	-	-	-	-	-	-	23	-	-	21	86	87	-	-	-	-
Pond 3	Special	30-Apr-08	Ph 17 pond	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	1.2	-	-	93	-	< 0.00053	-	-	96	-	-	-	-	-
Pond 3	Special	5-May-08	discharge	Hills	-	-	-	-	0.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-	-
Pond 3	B	14-May-08	pond	Hills	-	-	-	-	0.19	-	-	-	-	-	-	-	-	-	-	-	21	-	-	21	82	83	-	-	-	-
Pond 3	B	28-May-08	discharge	Hills	-	-	-	-	0.16	-	-	-	-	-	-	-	-	-	-	-	19	-	-	15	87	86	-	-	-	-
Pond 3	C	11-Jun-08	discharge	Hills	120	< 0.0030	-	-	0.065	-	-	0.0011	-	-	-	-	-	-	< 0.000050	86	19	< 0.00050	-	23	88	86	< 0.00050	290	< 0.020	0.1
Pond 3	B	25-Jun-08	discharge	Hills	-	-	-	-	0.093	-	-	-	-	-	-	-	-	-	-	-	18	-	-	21	77	75	-	-	-	-
Pond 3	B	9-Jul-08	discharge	Hills	-	-	-	-	0.075	-	-	-	-	-	-	-	-	-	-	-	22	-	-	26	73	71	-	-	-	-
Pond 3	B	23-Jul-08	discharge	Hills	-	-	-	-	0.093	-	-	-	-	-	-	-	-	-	-	-	22	-	-	21	77	75	-	-	-	-
Pond 3	B	6-Aug-08	discharge	Hills	-	-	-	-	0.054	-	-	-	-	-	-	-	-	-	-	-	19	-	-	15	51	49	-	-	-	-
Pond 3	C	20-Aug-08	discharge	Hills	64	< 0.0030	-	-	0.048	-	-	0.001	-	-	-	-	-	-	< 0.000050	58	17	< 0.00050	-	18	52	52	0.0014	180	< 0.020	0.31
Pond 3	B	3-Sep-08	discharge	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	14	-	-	15	50	50	-	-	-	-
Pond 3	B	16-Sep-08	discharge	Hills	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	13	-	-	16	53	52	-	-	-	-
Pond 3	B	1-Oct-08	discharge	Hills	-	-	-	-	0.19	-	-	-	-	-	-	-	-	-	-	-	14	-	-	10	57	55	-	-	-	-
Pond 3	C	15-Oct-08	pond	Hills	130	< 0.0030	-	-	0.065	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	64	14	< 0.00050	-	16	57	56	0.00053	200	< 0.020	0.41
Pond 3	B	29-Oct-08	pond	Hills	-	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	-	14	-	-	15	58	58	-	-	-	-
Pond 3	B	11-Nov-08	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15	-	-	18	59	58.2	-	-	-	-
Pond 3	B	26-Nov-08	pond	Hills	-	-	-	-	0.058	-	-	-	-	-	-	-	-	-	-	-	16	-	-	25	67	65.6	-	-	-	-
Pond 3	C	3-Dec-08	pond	Hills	120	0.0031	-	-	0.019	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	71	17	< 0.00050	-	13	69	67.5	< 0.00050	230	< 0.020	0.16
Pond 3	B	17-Dec-08	pond	Hills	-	-	-	-	0.24	-	-	-	-	-	-	-	-	-	-	-	17	-	-	17	72	71.1	-	-	-	-
Pond 3	B	7-Jan-09	pond	Hills	-	-	-	-	0.051	-	-	-	-	-	-	-	-	-	-	-	17	-	-	26	73	72.7	-	-	-	-
Pond 3	B	21-Jan-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18	-	-	25	78	77.4	-	-	-	-
Pond 3	C	4-Feb-09	pond	Hills	140	< 0.0030	-	-	< 0.010	-	-	0.0014	-	-	-	-	-	-	< 0.000050	92	21	< 0.00050	-	38	84	83.7	0.00065	290	< 0.020	0.58
Pond 3	B	18-Feb-09	pond	Hills	-	-	-	-	0.045	-	-	-	-	-	-	-	-	-	-	-	20	-	-	30	85	83.1	-	-	-	-
Pond 3	B	4-Mar-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19	-	-	29	74	73.1	-	-	-	-
Pond 3	B	18-Mar-09	pond	Hills	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	18	-	-	23	83	83.4	-	-	-	-
Pond 3	C	1-Apr-09	pond	Hills	110	< 0.0030	-	-	< 0.010	-	-	0.0014	-	-	-	-	-	-	< 0.000050	83	19	< 0.00050	-	24	89	87.3	0.00099	270	< 0.020	0.12
Pond 3	B	15-Apr-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19	-	-	32	89	88.4	-	-	-	-
Pond 3	B	29-Apr-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19	-	-	28	88	87.3	-	-	-	-
Pond 3	B	12-May-09	pond	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	19	-	-	26	83	82.7	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	27-May-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19	-	-	29	78	77	-	-	-	-
Pond 3	C	10-Jun-09	pond	Hills	120	0.0042	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	75	17	< 0.00050	-	26	68	65.7	0.0014	240	< 0.020	0.095
Pond 3	B	24-Jun-09	pond	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	18	-	-	19	65	62.2	-	-	-	-
Pond 3	B	8-Jul-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16	-	-	17	53	52.5	-	-	-	-
Pond 3	B	22-Jul-09	discharge	Hills	-	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	-	13	-	-	17	56	54.6	-	-	-	-
Pond 3	C	5-Aug-09	discharge	Hills	130	< 0.0030	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	78	12	< 0.00050	-	13	64	62.3	0.0019	250	< 0.020	0.11
Pond 3	B	18-Aug-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	11	64	62.7	-	-	-	-
Pond 3	B	2-Sep-09	discharge	Hills	-	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	-	15	-	-	13	67	66.3	-	-	-	-
Pond 3	B	15-Sep-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14	-	-	20	65	63.4	-	-	-	-
Pond 3	C	30-Sep-09	discharge	Hills	110	-	-	-	< 0.010	-	-	0.0011	-	-	-	-	-	-	< 0.000050	64	14	< 0.00050	-	12	63	61.3	0.0014	210	< 0.020	0.12
Pond 3	B	14-Oct-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	19	63	62.4	-	-	-	-
Pond 3	B	28-Oct-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12	-	-	12	51	58.6	-	-	-	-
Pond 3	B	10-Nov-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	11	50	56.3	-	-	-	-
Pond 3	B	25-Nov-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	15	56	55.6	-	-	-	-
Pond 3	C	2-Dec-09	pond	Hills	69	0.0034	-	-	0.024	-	-	0.0012	-	-	-	-	-	-	< 0.000050	47	13	< 0.00050	-	11	54	53.7	0.00076	170	< 0.020	0.042
Pond 3	B	16-Dec-09	pond	Hills	-	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	13	-	-	23	50	50.2	-	-	-	-
Pond 3	B	8-Jan-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14	-	-	22	47	47.5	-	-	-	-
Pond 3	B	20-Jan-10	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	15	-	-	17	49	47.5	-	-	-	-
Pond 3	C	3-Feb-10	pond	Hills	86	< 0.0030	-	-	< 0.010	-	-	0.0023	-	-	-	-	-	-	< 0.000050	41	16	< 0.00050	-	29	53	51.6	< 0.00050	140	< 0.020	0.18
Pond 3	B	17-Feb-10	pond	Hills	-	-	-	-	0.28	-	-	-	-	-	-	-	-	-	-	-	17	-	-	37	54	53.7	-	-	-	-
Pond 3	B	3-Mar-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19	-	-	40	56	56.7	-	-	-	-
Pond 3	B	26-May-10	pond	Hills	-	-	-	-	0.127	-	-	-	-	-	-	-	-	-	-	-	17.1	-	-	27	55	54.6	-	-	-	-
Pond 3	C	9-Jun-10	pond	Hills	103	< 0.003	-	-	0.13	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	65	18.2	< 0.0005	-	23	55	53.9	0.001	200	< 0.02	0.061
Pond 3	B	23-Jun-10	pond	Hills	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	19.9	-	-	22	57	-	-	-	-	-
Pond 3	B	7-Jul-10	discharge	Hills	-	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-	18	54	-	-	-	-	-
Pond 3	B	21-Jul-10	pond	Hills	-	-	-	-	0.131	-	-	-	-	-	-	-	-	-	-	-	20	-	-	17	53	-	-	-	-	-
Pond 3	C	4-Aug-10	discharge	Hills	129	0.005	-	-	0.26	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	69	19.1	< 0.0005	-	13	52	51.3	0.0011	210	0.02	0.21
Pond 3	B	18-Aug-10	discharge	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	17	49	-	-	-	-	-
Pond 3	B	1-Sep-10	pond	Hills	-	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	14	49	-	-	-	-	-
Pond 3	B	14-Sep-10	discharge	Hills	-	-	-	-	0.108	-	-	-	-	-	-	-	-	-	-	-	19	-	-	23	51	-	-	-	-	-
Pond 3	C	27-Sep-10	pond	Hills	137	0.005	-	-	0.018	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	69	19.5	< 0.0005	-	18	49	49.2	0.0008	210	< 0.02	0.092
Pond 3	B	13-Oct-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	20	-	-	18	50	-	-	-	-	-
Pond 3	B	27-Oct-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	18	49	-	-	-	-	-
Pond 3	B	10-Nov-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	18	46	-	-	-	-	-
Pond 3	B	24-Nov-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	22	40	-	-	-	-	-
Pond 3	C	1-Dec-10	pond	Hills	62	0.009	-	-	< 0.010	-	-	0.0012	-	-	-	-	-	-	< 0.00005	36	22	< 0.0005	-	26	38	37.8	0.0007	122	< 0.02	0.072
Pond 3	B	15-Dec-10	pond	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	24	-	-	19	36	-	-	-	-	-
Pond 3	B	5-Jan-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	36	36	-	-	-	-	-
Pond 3	B	19-Jan-11	pond	Hills	-	-	-	-	0.107	-	-	-	-	-	-	-	-	-	-	-	24	-	-	36	37	-	-	-	-	-
Pond 3	C	2-Feb-11	pond	Hills	72	0.026	-	-	0.15	-	-	0.003	-	-	-	-	-	-	< 0.00005	31	20	< 0.0005	-	63	34	33.5	0.0013	103	0.05	0.104
Pond 3	B	16-Feb-11	pond	Hills	-	-	-	-	0.125	-	-	-	-	-	-	-	-	-	-	-	21	-	-	42	38	-	-	-	-	-
Pond 3	B	2-Mar-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	40	39	-	-	-	-	-
Pond 3	B	16-Mar-11	pond	Hills	-	-	-	-	0.43	-	-	-	-	-	-	-	-	-	-	-	21	-	-	23	42	-	-	-	-	-
Pond 3	C	30-Mar-11	pond	Hills	118	0.006	-	-	0.3	-	-	0.0021	-	-	-	-	-	-	< 0.00005	47	21	< 0.0005	-	26	41	41.1	< 0.0005	142	0.04	0.26
Pond 3	B	13-Apr-11	pond	Hills	-	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	-	20	-	-	24	41	-	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	28-Apr-11	pond	Hills	-	-	-	-	0.196	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	18	39	-	-	-	-	-
Pond 3	B	11-May-11	pond	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	24	39	-	-	-	-	-
Pond 3	B	25-May-11	pond	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	14	38	-	-	-	-	-
Pond 3	C	8-Jun-11	discharge	Hills	113	0.005	-	-	0.014	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	48	18.2	< 0.0005	-	12	39	39.4	0.0008	148	0.04	0.094
Pond 3	B	22-Jun-11	discharge	Hills	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	22	-	-	29	44	-	-	-	-	-
Pond 3	B	6-Jul-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	18	42	-	-	-	-	-
Pond 3	B	20-Jul-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	14	43	-	-	-	-	-
Pond 3	C	3-Aug-11	pond	Hills	120	0.004	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	54	22	< 0.0005	-	12	42	41.8	0.0012	162	< 0.02	0.112
Pond 3	B	17-Aug-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	22	-	-	15	41	-	-	-	-	-
Pond 3	B	31-Aug-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	21	-	-	14	38	-	-	-	-	-
Pond 3	B	14-Sep-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	18	38	-	-	-	-	-
Pond 3	C	28-Sep-11	pond	Hills	65	0.008	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	35	23	< 0.0005	-	14	35	34.3	0.0008	116	< 0.02	0.129
Pond 3	B	12-Oct-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	25	33	-	-	-	-	-
Pond 3	B	26-Oct-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	14	34	-	-	-	-	-
Pond 3	B	9-Nov-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	21	33	-	-	-	-	-
Pond 3	B	22-Nov-11	pond	Hills	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	25	-	-	28	34	-	-	-	-	-
Pond 3	C	30-Sep-11	pond	Hills	61	0.008	-	-	< 0.010	-	-	0.0016	-	-	-	-	-	-	< 0.00005	31	25	< 0.0005	-	26	34	34	< 0.0005	109	< 0.02	0.159
Pond 3	B	14-Dec-11	pond	Hills	-	-	-	-	0.082	-	-	-	-	-	-	-	-	-	-	-	26	-	-	34	41	-	-	-	-	-
Pond 3	B	9-Jan-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	26	-	-	29	45	-	-	-	-	-
Pond 3	B	18-Jan-12	pond	Hills	-	-	-	-	0.23	-	-	-	-	-	-	-	-	-	-	-	25	-	-	9	47	-	-	-	-	-
Pond 3	C	1-Feb-12	pond	Hills	123	0.003	-	-	0.032	-	-	0.0015	-	-	-	-	-	-	< 0.00005	53	26	< 0.0005	-	24	48	46.9	< 0.0005	163	0.05	0.124
Pond 3	B	15-Feb-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	27	-	-	22	46	-	-	-	-	-
Pond 3	B	29-Feb-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	26	-	-	24	47	-	-	-	-	-
Pond 3	B	14-Mar-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	26	-	-	28	47	-	-	-	-	-
Pond 3	C	28-Mar-12	pond	Hills	126	< 0.003	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	55	24	< 0.0005	-	31	44	42	< 0.0005	163	< 0.02	0.116
Pond 3	B	11-Apr-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	24	-	-	42	45	-	-	-	-	-
Pond 3	B	23-Apr-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	25	-	-	30	45	-	-	-	-	-
Pond 3	B	9-May-12	pond	Hills	-	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	-	24	-	-	30	45	-	-	-	-	-
Pond 3	B	23-May-12	pond	Hills	-	-	-	-	0.23	-	-	-	-	-	-	-	-	-	-	-	24	-	-	23	46	-	-	-	-	-
Pond 3	C	6-Jun-12	pond	Hills	131	0.011	-	-	0.146	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	62	23	< 0.0005	-	26	46	47.2	< 0.0005	185	0.03	0.137
Pond 3	B	20-Jun-12	pond	Hills	-	-	-	-	0.104	-	-	-	-	-	-	-	-	-	-	-	24	-	-	20	47	-	-	-	-	-
Pond 3	B	4-Jul-12	pond	Hills	-	-	-	-	0.068	-	-	-	-	-	-	-	-	-	-	-	24	-	-	24	46	-	-	-	-	-
Pond 3	B	18-Jul-12	pond	Hills	-	-	-	-	0.055	-	-	-	-	-	-	-	-	-	-	-	23	-	-	18	45	-	-	-	-	-
Pond 3	C	1-Aug-12	discharge	Hills	116	0.018	-	-	0.076	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	52	21	< 0.0005	-	16	40	38.5	0.0007	154	0.02	0.17
Pond 3	B	15-Aug-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.2	-	-	19	33	-	-	-	-	-
Pond 3	B	29-Aug-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.1	-	-	15	35	-	-	-	-	-
Pond 3	B	12-Sep-12	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	16	34	-	-	-	-	-
Pond 3	C	26-Sep-12	pond	Hills	106	< 0.003	-	-	< 0.010	-	-	< 0.0010	-	-	-	-	-	-	< 0.00005	40	16.5	< 0.0005	-	15	33	31.7	0.0006	120	< 0.02	0.049
Pond 3	B	10-Oct-12	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	17.8	-	-	15	32	-	-	-	-	-
Pond 3	B	24-Oct-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	18	28	-	-	-	-	-
Pond 3	B	7-Nov-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	24	26	-	-	-	-	-
Pond 3	B	21-Nov-12	pond	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	19.9	-	-	39	25	-	-	-	-	-
Pond 3	C	5-Dec-12	pond	Hills	107	0.045	-	-	0.046	-	-	0.0022	-	-	-	-	-	-	0.00005	21	23	0.0005	-	74	25	24.1	0.0005	66	0.07	0.5
Pond 3	B	19-Dec-12	pond	Hills	-	-	-	-	0.26	-	-	-	-	-	-	-	-	-	-	-	23	-	-	64	26	-	-	-	-	-
Pond 3	B	9-Jan-13	pond	Hills	-	-	-	-	0.092	-	-	-	-	-	-	-	-	-	-	-	25	-	-	52	32	-	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	C	23-Jan-13	pond	Hills	91	0.006	-	-	0.01	-	-	0.0029	-	-	-	-	-	-	0.00005	32	26	0.0005	-	61	32	31.8	0.0005	101	0.02	0.24
Pond 3	B	5-Feb-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	27	-	-	73	34	-	-	-	-	-
Pond 3	B	20-Feb-13	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	30	-	-	60	40	-	-	-	-	-
Pond 3	B	6-Mar-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	32	-	-	74	43	-	-	-	-	-
Pond 3	C	20-Mar-13	pond	Hills	122	0.003	-	-	0.01	-	-	0.0017	-	-	-	-	-	-	0.00005	40	34	0.0005	-	100	41	41	0.0005	128	0.02	2.1
Pond 3	B	3-Apr-13	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	34	-	-	92	41	-	-	-	-	-
Pond 3	B	17-Apr-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	32	-	-	74	43	-	-	-	-	-
Pond 3	B	1-May-13	pond	Hills	-	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	-	32	-	-	94	44	-	-	-	-	-
Pond 3	B	15-May-13	pond	Hills	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	27	-	-	52	51	-	-	-	-	-
Pond 3	C	29-May-13	pond	Hills	117	*0.003*	-	-	0.078	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	70	26	*0.0005*	-	48	53	52.4	0.0008	210	*0.02*	0.67
Pond 3	B	12-Jun-13	discharge	Hills	-	-	-	-	0.43	-	-	-	-	-	-	-	-	-	-	-	27	-	-	30	56	-	-	-	-	-
Pond 3	B	26-Jun-13	discharge	Hills	-	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	55	-	-	-	-	-
Pond 3	B	10-Jul-13	pond	Hills	-	-	-	-	0.158	-	-	-	-	-	-	-	-	-	-	-	25	-	-	24	55	-	-	-	-	-
Pond 3	Special	17-Jul-13	pond	WM	-	-	-	-	0.049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	24-Jul-13	pond	Hills	126	*0.003*	-	-	0.039	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	69	27	*0.0005*	-	22	54	53.9	0.0005	210	*0.02*	0.133
Pond 3	B	6-Aug-13		Hills	-	-	-	-	0.024	-	-	-	-	-	-	-	-	-	-	-	27	-	-	26	54	-	-	-	-	-
Pond 3	B	20-Aug-13		Hills	-	-	-	-	0.048	-	-	-	-	-	-	-	-	-	-	-	25	-	-	22	54	-	-	-	-	-
Pond 3	B	3-Sep-13	discharge	Hills	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	25	-	-	25	52	-	-	-	-	-
Pond 3	C	18-Sep-13	discharge	Hills	133	*0.003*	-	-	*0.01*	-	-	0.001	-	-	-	-	-	-	-	64	23	*0.0005*	-	21	50	49.7	0.0005	192	0.02	0.114
Pond 3	B	2-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18	-	-	19	40	-	-	-	-	-
Pond 3	B	16-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19	-	-	26	37	-	-	-	-	-
Pond 3	B	30-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	21	31	-	-	-	-	-
Pond 3	Special	6-Nov-13	pond	WM	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-
Pond 3	B	12-Nov-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	24	28	-	-	-	-	-
Pond 3	C	26-Nov-13	pond	Hills	48	*0.003*	-	-	*0.01*	-	-	0.0019	-	-	-	-	-	-	*0.00005*	23	19.9	*0.0005*	-	37	29	27.9	*0.0005*	79	*0.02*	0.119
Pond 3	B	18-Dec-13	pond	Hills	-	-	-	-	0.125	-	-	-	-	-	-	-	-	-	-	-	22	-	-	33	32	-	-	-	-	-
Pond 3	B	3-Jan-14	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	23	-	-	31	37	-	-	-	-	-
Pond 3	C	14-Jan-14	discharge	Hills	118	0.005	-	-	0.074	-	-	0.0023	-	-	-	-	-	-	*0.00005*	45	25	*0.0005*	-	37	42	41.5	*0.0005*	146	*0.02*	0.4
Pond 3	B	30-Jan-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	27	-	-	47	40	-	-	-	-	-
Pond 3	B	13-Feb-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	29	-	-	53	40	-	-	-	-	-
Pond 3	B	27-Feb-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	31	-	-	60	41	-	-	-	-	-
Pond 3	C	11-Mar-14	pond	Hills	157	0.003	-	-	*0.01*	-	-	0.0024	-	-	-	-	-	-	*0.00005*	44	37	*0.0005*	-	71	46	45.5	*0.0005*	144	*0.02*	1.21
Pond 3	B	25-Mar-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	37	-	-	69	51	-	-	-	-	-
Pond 3	B	9-Apr-14	ponds	Hills	-	-	-	-	0.102	-	-	-	-	-	-	-	-	-	-	-	45	-	-	73	51	-	-	-	-	-
Pond 3	B	28-Apr-14	pond	Hills	-	-	-	-	0.113	-	-	-	-	-	-	-	-	-	-	-	32	-	-	47	61	-	-	-	-	-
Pond 3	B	6-May-14	pond	Hills	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	33	-	-	45	63	-	-	-	-	-
Pond 3	C	21-May-14	pond	Hills	128	0.003	-	-	0.074	-	-	0.0012	-	-	-	-	-	-	*0.00005*	70	33	*0.0005*	-	48	62	62.8	0.0041	220	*0.02*	0.46
Pond 3	B	5-Jun-14	pond	Hills	-	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	-	31	-	-	44	63	-	-	-	-	-
Pond 3	B	18-Jun-14	pond	Hills	-	-	-	-	0.41	-	-	-	-	-	-	-	-	-	-	-	25	-	-	29	53	-	-	-	-	-
Pond 3	B	2-Jul-14	pond	Hills	-	-	-	-	0.74	-	-	-	-	-	-	-	-	-	-	-	24	-	-	20	53	-	-	-	-	-
Pond 3	C	15-Jul-14	discharge	Hills	128	0.003	-	-	0.41	-	-	0.001	-	-	-	-	-	-	*0.00005*	68	24	*0.0005*	-	19	52	53.4	0.0009	200	*0.02*	0.21
Pond 3	B	30-Jul-14	discharge	Hills	-	-	-	-	0.45	-	-	-	-	-	-	-	-	-	-	-	27	-	-	19	56	-	-	-	-	-
Pond 3	B	14-Aug-14	pond	Hills	-	-	-	-	0.147	-	-	-	-	-	-	-	-	-	-	-	28	-	-	20	55	-	-	-	-	-
Pond 3	B	14-Aug-14	pond	Hills	-	-	-	-	0.131	-	-	-	-	-	-	-	-	-	-	-	27	-	-	20	55	-	-	-	-	-
Pond 3	B	11-Sep-14	discharge	Hills	-	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	-	24	-	-	10	49	-	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	C	23-Sep-14	discharge	Hills	134	0.003	-	-	0.055	-	-	0.001	-	-	-	-	-	-	*0.00005*	66	23	*0.0005*	-	14	49	49.6	0.0009	197	*0.02*	0.171
Pond 3	B	7-Oct-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	24	-	-	18	48	-	-	-	-	-
Pond 3	B	16-Oct-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	25	-	-	23	47	-	-	-	-	-
Pond 3	B	4-Nov-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	24	-	-	18	49	-	-	-	-	-
Pond 3	C	19-Nov-14	pond	Hills	130	0.003	-	-	*0.01*	-	-	0.001	-	-	-	-	-	-	*0.00005*	61	25	*0.0005*	-	18	50	49.4	*0.0005*	187	*0.02*	0.105
Pond 3	B	1-Dec-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	26	-	-	20	49	-	-	-	-	-
Pond 3	B	18-Dec-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	26	-	-	18	44	-	-	-	-	-
Pond 3	B	5-Jan-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	27	-	-	21	38	-	-	-	-	-
Pond 3	C	19-Jan-15	pond	Hills	50	0.012	-	-	*0.01*	-	-	0.0017	-	-	-	-	-	-	*0.00005*	28	29	*0.0005*	-	53	37	36.8	*0.0005*	101	*0.02*	0.46
Pond 3	B	29-Jan-15	pond	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	31	-	-	38	37	-	-	-	-	-
Pond 3	B	10-Feb-15	pond	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	-	32	-	-	42	42	-	-	-	-	-
Pond 3	B	24-Feb-15	pond	Hills	-	-	-	-	0.068	-	-	-	-	-	-	-	-	-	-	-	36	-	-	50	48	-	-	-	-	-
Pond 3	C	12-Mar-15	pond	Hills	133	0.003	-	-	*0.01*	-	-	0.0015	-	-	-	-	-	-	*0.00005*	56	43	*0.0005*	-	42	55	56.7	*0.0005*	184	*0.02*	0.63
Pond 3	B	26-Mar-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	46	-	-	44	57	-	-	-	-	-
Pond 3	B	9-Apr-15	pond	Hills	-	-	-	-	0.79	-	-	-	-	-	-	-	-	-	-	-	44	-	-	8	58	-	-	-	-	-
Pond 3	B	21-Apr-15	pond	Hills	-	-	-	-	0.85	-	-	-	-	-	-	-	-	-	-	-	42	-	-	20	56	-	-	-	-	-
Pond 3	B	6-May-15	pond	Hills	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	41	-	-	18	62	-	-	-	-	-
Pond 3	C	19-May-15	pond	Hills	146	0.003	-	-	1.6	-	-	0.001	-	-	-	-	-	-	*0.00005*	81	37	*0.0005*	-	33	70	70.9	*0.0005*	260	*0.02*	1.3
Pond 3	B	3-Jun-15	pond	Hills	-	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	-	11	-	-	19	65	-	-	-	-	-
Pond 3	B	16-Jun-15	pond	Hills	-	-	-	-	0.41	-	-	-	-	-	-	-	-	-	-	-	33	-	-	23	69	-	-	-	-	-
Pond 3	B	29-Jun-15	pond	Hills	-	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	-	35	-	-	18	73	-	-	-	-	-
Pond 3	C	14-Jul-15	pond	Hills	143	0.004	-	-	0.33	-	-	0.001	-	-	-	-	-	-	*0.00005*	99	41	*0.0005*	-	27	77.3	77	0.0012	300	*0.02*	0.138
Pond 3	B	30-Jul-15	pond	Hills	-	-	-	-	0.172	-	-	-	-	-	-	-	-	-	-	-	40	-	-	28	72	-	-	-	-	-
Pond 3	B	12-Aug-15	pond	Hills	-	-	-	-	0.16	-	-	-	-	-	-	-	-	-	-	-	36	-	-	28	70	-	-	-	-	-
Pond 3	B	24-Aug-15	pond	Hills	-	-	-	-	0.103	-	-	-	-	-	-	-	-	-	-	-	34	-	-	26	67	-	-	-	-	-
Pond 3	B	8-Sep-15	discharge	Hills	-	-	-	-	0.109	-	-	-	-	-	-	-	-	-	-	-	32	-	-	22	63	-	-	-	-	-
Pond 3	C	22-Sep-15	pond	Hills	158	0.007	-	-	0.016	-	-	0.0013	-	-	-	-	-	-	*0.00005*	77	33	*0.0005*	-	26	63	63.2	0.0011	230	0.03	0.129
Pond 3	B	8-Oct-15	pond	Hills	-	-	-	-	0.029	-	-	-	-	-	-	-	-	-	-	-	34	-	-	32	64	-	-	-	-	-
Pond 3	B	21-Oct-15	pond	Hills	-	-	-	-	0.047	-	-	-	-	-	-	-	-	-	-	-	36	-	-	24	65	-	-	-	-	-
Pond 3	B	4-Nov-15	pond	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	36	-	-	25	69	-	-	-	-	-
Pond 3	C	17-Nov-15	pond	Hills	140	0.006	-	-	0.132	-	-	0.0013	-	-	-	-	-	-	*0.00005*	67	38	*0.0005*	-	27	63	63.5	0.0006	220	*0.02*	0.32
Pond 3	B	30-Nov-15	pond	Hills	-	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	-	37	-	-	28	59	-	-	-	-	-
Pond 3	B	15-Dec-15	pond	Hills	-	-	-	-	0.039	-	-	-	-	-	-	-	-	-	-	-	42	-	-	45	58	-	-	-	-	-
Pond 3	B	5-Jan-16	pond	Hills	-	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	41	-	-	46	62	-	-	-	-	-
Pond 3	C	12-Jan-16	pond	Hills	106	0.008	-	-	0.052	-	-	0.0023	-	-	-	-	-	-	*0.00005*	62	40	*0.0005*	-	49	61	61.1	0.001	196	*0.02*	0.57
Pond 3	B	27-Jan-16	pond	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	41	-	-	50	64	-	-	-	-	-
Pond 3	B	9-Feb-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	44	-	-	60	39	-	-	-	-	-
Pond 3	B	24-Feb-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	44	-	-	76	61	-	-	-	-	-
Pond 3	C	9-Mar-16	pond	Hills	129	0.007	-	-	*0.01*	-	-	0.0015	-	-	-	-	-	-	*0.00005*	77	35	*0.0005*	-	48	67	70.4	0.0007	240	*0.02*	0.195
Pond 3	B	23-Mar-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	37	-	-	53	72	-	-	-	-	-
Pond 3	B	6-Apr-16	pond	Hills	-	-	-	-	0.27	-	-	-	-	-	-	-	-	-	-	-	38	-	-	48	73	-	-	-	-	-
Pond 3	B	3-May-16	pond	Hills	110	-	-	-	0.032	-	-	-	-	-	-	-	-	-	-	-	33	-	-	36	70	66.5	-	-	-	-
Pond 3	C	18-May-16	pond	Hills	113	-	-	-	0.01	-	-	0.0011	-	-	-	-	-	-	*0.00005*	-	33	*0.0005*	-	153	65	64.5	0.0005	220	*0.02*	0.83
Pond 3	B	3-Jun-16	pond	Hills	113	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	33	-	-	33	70	71.2	-	-	-	-
Pond 3	B	18-Jun-16	pond	Hills	119	-	-	-	0.182	-	-	-	-	-	-	-	-	-	-	-	33	-	-	30	70.5	71.4	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	29-Jun-16	pond	Hill	120	-	-	-	0.148	-	-	-	-	-	-	-	-	-	-	-	28	-	-	30	61	61.7	-	-	-	-
Pond 3	B	13-Jul-16	pond	Hills	94	-	-	-	0.055	-	-	-	-	-	-	-	-	-	-	-	12.8	-	-	16	33	33.5	-	-	-	-
Pond 3	B	27-Jul-16	discharge	Hills	104	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	23	-	-	20	37	37.3	-	-	-	-
Pond 3	H	12-Aug-16	discharge	Hills	118	0.011	-	-	0.059	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	51	19.9	*0.0005*	-	19	39	39.9	0.0017	118	-	0.46
Pond 3	B	25-Aug-16	discharge	Hills	107	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	15.6	-	-	10	33	34.5	-	-	-	-
Pond 3	B	7-Sep-16	pond	Hills	108	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	-	14.2	-	-	12	34.8	34	-	-	-	-
Pond 3	B	22-Sep-16	pond	Hills	112	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.9	-	-	14	35	35.4	-	-	-	-
Pond 3	B	4-Oct-16	discharge	Hills	118	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	11	-	-	12	34	35.1	-	-	-	-
Pond 3	B	20-Oct-16	pond	Hills	121	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	14	34	33.3	-	-	-	-
Pond 3	B	3-Nov-16	pond	Hills	127	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	13.1	-	-	20	35	34.7	-	-	-	-
Pond 3	C	22-Nov-16	pond	Hills	130	0.019	-	-	0.026	-	-	0.001	-	-	-	-	-	-	*0.00005*	53	14.5	*0.0005*	-	12	37	37.1	0.0009	154	*0.03*	0.161
Pond 3	B	30-Nov-16	pond	Hills	132	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	14.9	-	-	22	38	38.3	-	-	-	-
Pond 3	O&G	12-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Dec-16	pond	Hills	131	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	18	38	39.5	-	-	-	-
Pond 3	B	5-Jan-17	pond	Hills	132	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	25	39	40.5	-	-	-	-
Pond 3	C	12-Jan-17	pond	Hills	131	0.016	-	-	0.09	-	-	0.0018	-	-	-	-	-	-	*0.00005*	53	17.6	-	-	23	32	33	0.0005	159	*0.02*	0.47
Pond 3	B	31-Jan-17	pond	Hills	131	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	20	-	-	32	44	45.4	-	-	-	-
Pond 3	H	9-Feb-17	pond	Hills	154	0.004	-	-	0.032	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	57	23	-	-	53	47	47.2	0.0005	173	-	3.3
Pond 3	B	22-Feb-17	pond	Hills	106	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	21	-	-	65	42	44.1	-	-	-	-
Pond 3	B	9-Mar-17	pond	Hills	116	-	-	-	0.082	-	-	-	-	-	-	-	-	-	-	-	23	-	-	47	50	51.5	-	-	-	-
Pond 3	B	22-Mar-17	pond	Hills	103	-	-	-	0.045	-	-	-	-	-	-	-	-	-	-	-	21	-	-	42	66	65.3	-	-	-	-
Pond 3	B	3-Apr-17	pond	Hills	114	-	-	-	0.137	-	-	-	-	-	-	-	-	-	-	-	21	-	-	34	70	68.3	-	-	-	-
Pond 3	B	20-Apr-17	dicharge	Hills	123	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	34	64	64.6	-	-	-	-
Pond 3	B	5-May-17	pond	Hills	133	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.5	-	-	28	67	66.2	-	-	-	-
Pond 3	C	31-May-17	pond	Hills	126	0.008	-	-	0.1	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	88	15.4	-	-	26	62	60.9	0.0014	126	*0.02*	0.109
Pond 3	B	13-Jun-17	pond	Hills	125	-	-	-	0.087	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-	18	60	58.1	-	-	-	-
Pond 3	B	22-Jun-17	pond	Hills	129	-	-	-	0.066	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	24	58	58.1	-	-	-	-
Pond 3	)il and Greas	4-Jul-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Jul-17	pond	Hills	133	-	-	-	0.074	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	28	59	55.8	-	-	-	-
Pond 3	B	27-Jul-17	dicharge	Hills	138	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	16	54.3	54.3	-	-	-	-
Pond 3	B	15-Aug-17	dicharge	Hills	140	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.1	-	-	18	56	57	-	-	-	-
Pond 3	H	30-Aug-17	Pond	Hills	131	0.006	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	75	15	-	-	23	51	53.5	0.0012	220	-	0.082
Pond 3	B	14-Sep-17	Discharge	Hills	136	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	14	52	51.8	-	-	-	-
Pond 3	B	28-Sep-17	Pond	Hills	134	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17	-	-	23	53	51.9	-	-	-	-
Pond 3	B	11-Oct-17	Pond	Hills	133	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	25	52	51.4	-	-	-	-
Pond 3	B	26-Oct-17	Pond	Hills	124	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	16	50	48.9	-	-	-	-
Pond 3	B	9-Nov-17	Pond	Hills	135	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	14	48	50.1	-	-	-	-
Pond 3	C	23-Nov-17	pond	Hills	61	0.017	-	-	*0.01*	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	37	19.4	-	-	38	39	38.5	0.0009	123	*0.02*	0.084
Pond 3	B	6-Dec-17	Pond	Hills	44	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	20	-	-	24	39	38.2	-	-	-	-
Pond 3	B	21-Dec-17	Pond	Hills	55	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	20	39	38	-	-	-	-
Pond 3	B	10-Jan-18	Pond	Hill	80	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	28	49	49.2	-	-	-	-
Pond 3	B	23-Jan-18	Pond	Hill	90	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	24	-	-	22	52	52.2	-	-	-	-
Pond 3	H	8-Feb-18	Pond	Hills	102	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	34	57	59.8	0.0011	220	-	0.161
Pond 3	B	28-Feb-18	Pond	Hills	131	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	82	16.5	-	-	39	59	59.3	-	-	-	-
Pond 3	B	8-Mar-18	Pond	Hills	130	-	-	-	*0.12*	-	-	-	-	-	-	-	-	-	-	78	17	-	-	46	55.6	58.5	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	29-Mar-18	Pond	Hills	-	-	-	-	0.112	-	-	-	-	-	-	-	-	-	-	65	14.6	-	-	26	50.4	53.8	-	-	-	-
Pond 3	B	12-Apr-18	Pond	Hills	124	-	-	-	*0.072*	-	-	-	-	-	-	-	-	-	-	68	16.8	-	-	26	50.8	52.6	-	-	-	-
Pond 3	B	24-Apr-18	Pond	Hills	113	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	65	18.8	-	-	21	45.7	48.2	-	-	-	-
Pond 3	B	9-May-18	Pond	Hills	121	-	-	-	0.095	-	-	-	-	-	-	-	-	-	-	62	20	-	-	22	47.1	49.2	-	-	-	-
Pond 3	C	29-May-18	Pond	Hills	128	0.007	-	-	0.02	-	-	*0.001*	-	-	-	-	-	-	*0.00005*	66	20	*0.0005*	-	24	49	51	0.0014	193	*0.02*	0.24
Pond 3	B	14-Jun-18	Pond	Hills	120	-	-	-	*0.117*	-	-	-	-	-	-	-	-	-	-	59	16	-	-	14	42.5	44.4	-	-	-	-
Pond 3	B	28-Jun-18	Pond	Hills	131	-	-	-	*0.039*	-	-	-	-	-	-	-	-	-	-	64	15.5	-	-	18	43.6	45.8	-	-	-	-
Pond 3	B	16-Jul-18	Pond	Hills	118	-	-	-	0.056	-	-	-	-	-	-	-	-	-	-	59	16	-	-	22	42	44.1	-	-	-	-
Pond 3	B	26-Jul-18	Pond	Hills	118	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	54	14.6	-	-	14	40.5	41.1	-	-	-	-
Pond 3	B	9-Aug-18	Pond	Hills	119	-	-	-	0.039	-	-	-	-	-	-	-	-	-	-	53	16	-	-	14	40.5	42.5	-	-	-	-
Pond 3	H	23-Aug-18	Pond	Hills	139	0.01	-	-	*0.016*	-	-	0.0018	-	-	-	-	-	-	*0.00005*	66	17	*0.0005*	-	6	49	49.9	0.0018	192	-	0.094
Pond 3	B	11-Sep-18	Pond	Hills	103	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	51	17.7	-	-	20	39	41	-	-	-	-
Pond 3	B	25-Sep-18	Pond	Hills	76	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	42	17.5	-	-	14	38	36.3	-	-	-	-
Pond 3	B	9-Oct-18	discharge	Hills	152	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	62	18.7	-	-	15	49	51.3	-	-	-	-
Pond 3	B	23-Oct-18	Pond	Hills	42	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	26	17.8	-	-	14	30	30.8	-	-	-	-
Pond 3	B	6-Nov-18	Pond	Hills	44	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	29	19.2	-	-	15	32.6	31.8	-	-	-	-
Pond 3	C	20-Nov-18	Pond	Hills	39	0.008	-	-	*0.01*	-	-	0.0011	-	-	-	-	-	-	*0.00005*	27	23	*0.0005*	-	23	34	33.2	0.0007	94	*0.02*	0.05
Pond 3	B	6-Dec-18	Discharge	Hills	57	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	36	17.1	-	-	15	35.7	35.5	-	-	-	-
Pond 3	B	20-Dec-18	Pond	Hills	60	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	35	15.6	-	-	22	34.6	34.1	-	-	-	-
Pond 3	B	8-Jan-19	Pond	Hills	117	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	56	12	-	-	16	40.1	40.3	-	-	-	-
Pond 3	B	22-Jan-19	Pond	Hills	139	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	59	11.7	-	-	26	42.8	42.9	-	-	-	-
Pond 3	H	7-Feb-19	Pond	Hills	154	*0.003*	-	-	*0.01*	-	-	0.0011	-	-	-	-	-	-	*0.00005*	60	13	*0.0005*	-	32	45.2	45.6	*0.0005*	174	-	0.85
Pond 3	B	20-Feb-19	Pond	Hills	153	-	-	-	0.092	-	-	-	-	-	-	-	-	-	-	65	12	-	-	42	47.1	46.1	-	-	-	-
Pond 3	B	7-Mar-19	Pond	Hills	168	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	62	15.2	-	-	50	48.7	48.1	-	-	-	-
Pond 3	B	27-Mar-19	Pond	Hills	164	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	63	17.4	-	-	40	48	48.3	-	-	-	-
Pond 3	B	10-Apr-19	Pond	Hills	154	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	64	15.9	-	-	58	47.2	48	-	-	-	-
Pond 3	B	26-Apr-19	Pond	Hills	146	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	63	16.7	-	-	33	46.6	45.6	-	-	-	-
Pond 3	B	15-May-19	Pond	Hills	129	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	55	17.9	-	-	34	45.1	44.2	-	-	-	-
Pond 3	C	27-May-19	Pond	Hills	122	0.006	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	56	17.3	*0.0005*	-	38	45.6	45.6	*0.0005*	175	*0.02*	0.65
Pond 3	B	11-Jun-19	Pond	Hills	112	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	80	28	-	-	26	64.5	66.9	-	-	-	-
Pond 3	B	25-Jun-19	Pond	Hills	114	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	94	28	-	-	34	68	68.2	-	-	-	-
Pond 3	B	9-Jul-19	Pond	Hills	118	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	95	25	-	-	26	72.4	73.2	-	-	-	-
Pond 3	B	22-Jul-19	Discharge	Hills	135	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	116	27	-	-	28	78.2	76.7	-	-	-	-
Pond 3	B	6-Aug-19	Discharge	Hills	138	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	111	27	-	-	23	80.5	79.8	-	-	-	-
Pond 3	H	21-Aug-19	Pond	Hills	143	0.003	-	-	0.017	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	111	31	*0.0005*	-	33	83.4	83.5	0.0021	330	-	0.070
Pond 3	B	3-Sep-19	Pond	Hills	111	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	96	30	-	-	16	78.3	76.3	-	-	-	-
Pond 3	B	18-Sep-19	Pond	Hills	86	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	71	22	-	-	16	57	55.9	-	-	-	-
Pond 3	B	1-Oct-19	Pond	Hills	61	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	57	22	-	-	20	52	54.4	-	-	-	-
Pond 3	B	18-Oct-19	Pond	Hills	90	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	66	25	-	-	26	91	90	-	-	-	-
Pond 3	B	5-Nov-19	Pond	Hills	39	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	47	25	-	-	24	47	45.8	-	-	-	-
Pond 3	C	19-Nov-19	Pond	Hills	44	0.01	-	-	0.010	-	-	*0.001*	-	-	-	-	-	0.098	*0.00005*	43	25	*0.0005*	-	13	46	45.4	0.0008	145	*0.02*	0.079
Pond 3	B	2-Dec-19	Pond	Hills	80	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	54	26	-	-	28	53	50.9	-	-	-	-
Pond 3	B	17-Dec-19	Pond	Hills	121	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	69	29	-	-	37	60	59.3	-	-	-	-
Pond 3	B	7-Jan-20	Pond	Hills	135	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	69	29	-	-	40	62	61.5	-	-	-	-
Pond 3	B	22-Jan-20	Pond	Hills	108	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	64	34	-	-	36	60	59	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	H	5-Feb-20	Pond	Hills	103	0.008	-	-	*0.010*	-	-	0.0016	-	-	-	-	-	-	*0.00005*	59	37	*0.0005*	-	57	60	61.4	*0.0005*	190	-	0.38
Pond 3	B	25-Feb-20	Pond	Hills	95	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	52	41	-	-	42	62	60.3	-	-	-	-
Pond 3	B	10-Mar-20	Pond	Hills	80	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	48	45	-	-	36	61	60	-	-	-	-
Pond 3	B	23-Mar-20	Pond	Hills	105	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	60	46	-	-	51	66	64.7	-	-	-	-
Pond 3	B	6-Apr-20	Pond	Hills	132	-	-	-	0.104	-	-	-	-	-	-	-	-	-	-	64	50	-	-	47	72	69.8	-	-	-	-
Pond 3	B	22-Apr-20	Pond	Hills	137	-	-	-	0.078	-	-	-	-	-	-	-	-	-	-	76	51	-	-	60	71	68.9	-	-	-	-
Pond 3	C	11-May-20	Pond	Hill	119	0.005	-	-	0.090	-	-	0.0014	-	-	-	-	-	0.181	*0.00005*	66	47	*0.0005*	-	55	67.7	66.8	*0.0005*	210	*0.02*	0.63
Pond 3	B	26-May-20	Pond	Hills	137	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	65	39	-	-	53	66.4	65.5	-	-	-	-
Pond 3	B	9-Jun-20	Pond	Hills	136	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	71	35	-	-	38	65	64	-	-	-	-
Pond 3	B	23-Jun-20	Pond	Hills	137	-	-	-	0.141	-	-	-	-	-	-	-	-	-	-	80	34	-	-	36	70.5	68.6	-	-	-	-
Pond 3	B	8-Jul-20	Discharge	Hills	129	-	-	-	0.057	-	-	-	-	-	-	-	-	-	-	87	26	-	-	30	70.7	68.7	-	-	-	-
Pond 3	B	23-Jul-20	Pond	Hills	172	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	108	31	-	-	38	80	78	-	-	-	-
Pond 3	B	11-Aug-20	Discharge	Hills	178	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	119	30	-	-	36	79	80	-	-	-	-
Pond 3	H	25-Aug-20	Discharge	Hills	184	0.014	-	-	0.140	-	-	0.0016	-	-	-	-	-	-	*0.00005*	105	33	*0.0005*	-	38	78	77.2	0.001	310	-	0.25
Pond 3	B	7-Sep-20	Pond	Hills	194	-	-	-	0.240	-	-	-	-	-	-	-	-	-	-	106	33	-	-	38	78.4	77.8	-	-	-	-
Pond 3	B	22-Sep-20	Pond	Hills	195	-	-	-	0.180	-	-	-	-	-	-	-	-	-	-	104	32	-	-	50	79.7	78.5	-	-	-	-
Pond 3	B	6-Oct-20	Pond	Hills	197	-	-	-	0.162	-	-	-	-	-	-	-	-	-	-	111	33	-	-	29	80	79.1	-	-	-	-
Pond 3	B	20-Oct-20	Pond	Hills	192	-	-	-	0.153	-	-	-	-	-	-	-	-	-	-	107	36	-	-	28	82.7	82.4	-	-	-	-
Pond 3	C	4-Nov-20	Pond	Hills	193	*0.003*	-	-	*0.010*	-	-	0.0017	-	-	-	-	-	0.184	*0.00005*	103	42	*0.0005*	-	47	90	89.2	*0.0005*	310	*0.02*	0.115
Pond 3	B	18-Nov-20	Pond	Hill	168	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	89	38	-	-	32	84.1	84.7	-	-	-	-
Pond 3	B	2-Dec-20	Pond	Hill	146	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	90	35	-	-	32	82.4	82.4	-	-	-	-
Pond 3	B	17-Dec-20	Pond	Hill	108	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	77	39	-	-	26	77.3	77.3	-	-	-	-
Pond 3	B	11-Jan-21	Pond	Hill	54	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	47	36	-	-	30	68.4	68.8	-	-	-	-
Pond 3	B	25-Jan-21	Pond	Hill	43	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	46	38	-	-	38	68	69.1	-	-	-	-
Pond 3	H	10-Feb-21	Pond	Hill	36	0.011	-	-	0.019	-	-	*0.002*	-	-	-	-	-	-	*0.00010*	45	39	*0.0010*	-	27	70	68.8	*0.001*	163	-	0.120
Pond 3	B	24-Feb-21	Pond	Hill	51	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	49	40	-	-	30	71.5	71.1	-	-	-	-
Pond 3	B	9-Mar-21	Pond	Hill	56	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	54	40	-	-	29	72.7	72.5	-	-	-	-
Pond 3	B	25-Mar-21	Pond	Hill	67	-	-	-	0.053	-	-	-	-	-	-	-	-	-	-	75	50	-	-	32	101.1	98.6	-	-	-	-
Pond 3	B	8-Apr-21	Pond	Hill	78	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	80	51	-	-	29	105	105	-	-	-	-
Pond 3	B	22-Apr-21	Pond	Hill	99	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	83	47	-	-	28	104.5	103.4	-	-	-	-
Pond 3	B	6-May-21	Pond	Hill	104	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	85	46	-	-	25	102.4	103.2	-	-	-	-
Pond 3	C	20-May-21	Pond	Hill	109	*0.003*	-	-	0.049	-	-	0.0011	-	-	-	-	-	0.27	*0.00005*	89	44	*0.0005*	-	29	100.3	97.5	*0.0005*	280	*0.02*	0.046
Pond 3	B	3-Jun-21	Pond	Hill	139	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	84	43	-	-	28	98.7	96.7	-	-	-	-
Pond 3	B	17-Jun-21	Pond	Hill	138	-	-	-	0.107	-	-	-	-	-	-	-	-	-	-	88	38	-	-	30	90	87.8	-	-	-	-
Pond 3	B	1-Jul-21	Pond	Hill	141	-	-	-	0.122	-	-	-	-	-	-	-	-	-	-	83	31	-	-	42	75	73	-	-	-	-
Pond 3	B	16-Jul-21	Pond	Hill	147	-	-	-	0.280	-	-	-	-	-	-	-	-	-	-	87	31	-	-	38	73	71.8	-	-	-	-
Pond 3	H	2-Aug-21	Pond	Hill	149	0.010	-	-	0.045	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	79	24	*0.0005*	-	30	62	59.8	0.0015	230	-	0.172
Pond 3	B	16-Aug-21	Pond	Hill	151	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	79	24	-	-	29	61	59.3	-	-	-	-
Pond 3	B	30-Aug-21	Pond	Hill	148	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	79	24	-	-	38	59.5	58.4	-	-	-	-
Pond 3	B	13-Sep-21	Pond	Hill	119	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	56	16	-	-	17	41.5	41	-	-	-	-
Pond 3	B	27-Sep-21	Pond	Hill	123	-	-	-	0.057	-	-	-	-	-	-	-	-	-	-	53	15.8	-	-	18	39	39	-	-	-	-
Pond 3	B	11-Oct-21	Pond	Hill	125	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	54	14.6	-	-	22	38.8	38.4	-	-	-	-
Pond 3	B	26-Oct-21	Pond	Hill	113	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	51	14.4	-	-	20	37	36.6	-	-	-	-
Pond 3	C	8-Nov-21	Pond	Hill	121	0.004	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	0.056	*0.00005*	53	15.3	*0.0005*	-	25	40	39.2	0.0008	159	*0.02*	0.063
Pond 3	B	23-Nov-21	Pond	Hill	118	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	50	16.4	-	-	26	40.8	39.8	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	7-Dec-21	Pond	Hill	110	-	-	-	0.055	-	-	-	-	-	-	-	-	-	-	44	17.3	-	-	27	39	39.6	-	-	-	-
Pond 3	B	20-Dec-21	Pond	Hill	108	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	49	16.9	-	-	26	40	38.6	-	-	-	-
Pond 3	B	6-Jan-22	Pond	Hill	101	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	46	19.9	-	-	24	42	40.9	-	-	-	-
Pond 3	B	20-Jan-22	Pond	Hill	104	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	47	21	-	-	29	43.7	42.3	-	-	-	-
Pond 3	B	3-Feb-22	Pond	Hill	117	-	-	-	*0.100*	-	-	-	-	-	-	-	-	-	-	53	23	-	-	30	47	45.8	-	-	-	-
Pond 3	H	17-Feb-22	Pond	Hill	111	0.003	-	-	0.039	-	-	0.0015	-	-	-	-	-	-	*0.00005*	53	24	*0.0005*	-	34	47.3	46.7	*0.0005*	168	-	0.128
Pond 3	B	7-Mar-22	Pond	Hill	130	-	-	-	0.144	-	-	-	-	-	-	-	-	-	-	55	26	-	-	35	52	50.9	-	-	-	-
Pond 3	B	22-Mar-22	Pond	Hill	131	-	-	-	0.990	-	-	-	-	-	-	-	-	-	-	57	25	-	-	33	52	51.7	-	-	-	-
Pond 3	B	5-Apr-22	Pond	Hill	124	-	-	-	0.430	-	-	-	-	-	-	-	-	-	-	65	28	-	-	43	54.5	55	-	-	-	-
Pond 3	B	19-Apr-22	Pond	Hill	108	-	-	-	0.260	-	-	-	-	-	-	-	-	-	-	59	26	-	-	41	53	52.1	-	-	-	-
Pond 3	C	9-May-22	Pond	Hill	129	0.005	-	-	0.960	-	-	0.0013	-	-	-	-	-	0.130	*0.00005*	64	29	*0.0005*	-	28	59	58.8	*0.0005*	195	0.02	0.185
Pond 3	B	23-May-22	Pond	Hill	129	-	-	-	0.260	-	-	-	-	-	-	-	-	-	-	76	29	-	-	30	64	63.4	-	-	-	-
Pond 3	B	8-Jun-22	Pond	Hill	132	-	-	-	0.174	-	-	-	-	-	-	-	-	-	-	75	29	-	-	33	66	63.7	-	-	-	-
Pond 3	B	22-Jun-22	Pond	Hill	168	-	-	-	0.082	-	-	-	-	-	-	-	-	-	-	105	31	-	-	40	71	69.9	-	-	-	-
Pond 3	B	5-Jul-22	Pond	Hill	169	-	-	-	0.089	-	-	-	-	-	-	-	-	-	-	104	29	-	-	52	70.6	68.6	-	-	-	-
Pond 3	B	19-Jul-22	Pond	Hill	134	-	-	-	0.100	-	-	-	-	-	-	-	-	-	-	70	16.7	-	-	25	49	47.9	-	-	-	-
Pond 3	H	1-Aug-22	Pond	Hill	146	0.022	-	-	0.130	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	71	18.1	*0.0005*	-	34	48	47.7	0.0017	210	-	0.196
Pond 3	B	15-Aug-22	Discharge	Hill	131	-	-	-	0.066	-	-	-	-	-	-	-	-	-	-	60	15.4	-	-	27	43	42.6	-	-	-	-
Pond 3	B	29-Aug-22	Discharge	Hill	139	-	-	-	0.072	-	-	-	-	-	-	-	-	-	-	64	16.5	-	-	38	44	44.1	-	-	-	-
Pond 3	B	12-Sep-22	Discharge	Hill 3075387.3	144	-	-	-	0.017	-	-	-	-	-	-	-	-	-	-	61	20	-	-	32	48	47.5	-	-	-	-
Pond 3	B	12-Sep-22	Discharge	Hill 3085123.3	150	-	-	-	0.038	-	-	-	-	-	-	-	-	-	-	68	21	-	-	30	50	48.8	-	-	-	-
Pond 3	B	10-Oct-22	Discharge	Hill 3095159.3	153	-	-	-	0.035	-	-	-	-	-	-	-	-	-	-	65	19.8	-	-	22	50	49.3	-	-	-	-
Pond 3	B	25-Oct-22	Pond	Hill 3104306.3	147	*0.003*	-	-	0.033	-	-	-	-	-	-	-	-	-	-	66	17.5	-	-	27	48.8	47.9	-	-	-	-
Pond 3	C	8-Nov-22	Pond	Hill 3113136.2	123	*0.003*	-	-	0.014	-	-	*0.0010*	-	-	-	-	-	0.072	*0.00005*	52	18.3	*0.0005*	-	28	43	42.4	0.0007	160	*0.02*	0.119
Pond 3	B	22-Nov-22	Discharge	Hill 3122370.3	118	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	55	16.2	-	-	28	40	39.1	-	-	-	-
Pond 3	B	6-Dec-22	Pond	Hill 3132692.3	123	-	-	-	0.071	-	-	-	-	-	-	-	-	-	-	51	17.4	-	-	36	40	38.9	-	-	-	-
Pond 3	B	22-Dec-22	Discharge	Hill 3143778.3	132	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-	55	18.9	-	-	33	43	41	-	-	-	-
Pond 3	B	9-Jan-23	Discharge	Hill 3149230.3	147	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	60	18.4	-	-	36	46	43.6	-	-	-	-
Pond 3	B	23-Jan-23	Pond	Hill 3159105.3	156	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	75	18.1	-	-	34	50	49.4	-	-	-	-
Pond 3	H	7-Feb-23	Discharge	Hill 3168184.3	116	0.027	-	-	*0.010*	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	47	10	*0.0005*	-	36	32	31.5	0.0019	132	-	0.162
Pond 3	B	22-Feb-23	Pond	Hill 3182080.3	112	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	47	8.8	-	-	12	30.4	29.3	-	-	-	-
Pond 3	B	6-Mar-23	Pond	Hill 3196731.3	96	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	39	5.9	-	-	17	24.9	24.2	-	-	-	-
Pond 3	B	21-Mar-23	Pond	Hill 3212032.3	112	-	-	-	0.062	-	-	-	-	-	-	-	-	-	-	49	6.7	-	-	16	27.7	26.4	-	-	-	-
Pond 3	B	7-Apr-23	Pond	Hill 3233901.3	118	-	-	-	0.063	-	-	-	-	-	-	-	-	-	-	46	7.4	-	-	20	29.5	28.3	-	-	-	-
Pond 3	B	21-Apr-23	Pond	Hill 3252438.3	127	-	-	-	0.124	-	-	-	-	-	-	-	-	-	-	53	7.4	-	-	18	31	30.8	-	-	-	-
Pond 3	C	12-May-23	Pond	Hill 3275086.6	109	0.053	-	-	0.124	-	-	*0.0010*	-	-	-	-	-	0.042	*0.00005*	48	11.7	*0.0005*	-	18	33.8	32.1	0.0018	139	0.09	0.410
Pond 3	B	30-May-23	Pond	Hill 3290923.3	138	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	57	15.5	-	-	28	39	39.2	-	-	-	-
Pond 3	B	15-Jun-23	Pond	Hill 3302102.3	154	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	65	18.6	-	-	21	45	45.3	-	-	-	-
Pond 3	B	16-Jun-23	Pond	Hill 3307617.3	151	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	63	18.8	-	-	24	46	45.6	-	-	-	-
Pond 3	B	4-Jul-23	Pond	Hill 3315701.3	150	-	-	-	0.06	-	-	-	-	-	-	-	-	-	-	65	17.3	-	-	20	45	44.7	-	-	-	-
Pond 3	B	20-Jul-23	Pond	Hill 3326110.3	161	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	72	16.6	-	-	18	46	46	-	-	-	-
Pond 3	B	10-Aug-23	Pond	Hill 3340739.3	136	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	54	15	-	-	16	40	37.7	-	-	-	-
Pond 3	B	18-Aug-23	Pond	Hill 3345212.3	149	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	71	17.5	-	-	17	45	43	-	-	-	-
Pond 3	B	7-Sep-23	Pond	Hill 3360107.3	147	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	66	21	-	-	18	53	47.7	-	-	-	-
Pond 3	B	13-Sep-23	Pond	Hill 3363106.3	156	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	67	21	-	-	21	50	48.9	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 3	B	6-Oct-23	Pond	Hill 3381015.4	121	-	-	-	0.035	-	-	-	-	-	-	-	-	-	-	56	10	-	-	20	46	35.4	-	-	-	-
Pond 3	B	12-Oct-23	Pond	Hills 3383860.3	130	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	58	18.9	-	-	27	47	45.6	-	-	-	-
Pond 3	B	3-Nov-23	Pond	Hills 3399556.3	134	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	58	24	-	-	28	47.5	49	-	-	-	-
Pond 3	H	8-Nov-23	Pond	Hills 3403609.3	128	0.005	-	-	*0.010*	-	-	0.0012	-	-	-	-	-	-	*0.00005*	61	23	*0.0005*	-	34	47	46.2	0.0011	185	-	0.079
Pond 3	B	24-Nov-23	Pond	Hills 3414745.3	127	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	58	21	-	-	26	47	45.5	-	-	-	-
Pond 3	C	22-Nov-23	Pond	Hills 3412758.3	125	*0.003*	-	-	0.040	-	-	*0.0010*	-	-	-	-	-	0.073	*0.00005*	59	21	*0.0005*	-	24	46	45	0.0007	179	*0.02*	0.072
Pond 3	B	8-Dec-23	Pond	Hills 3424896.3	126	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	61	22	-	-	28	46	44.4	-	-	-	-
Pond 3	B	20-Dec-23	Pond	Hills 3434878.3	108	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	51	22	-	-	24	43	42.7	-	-	-	-
Pond 3	B	8-Jan-24	Pond	Hills 3440416.3	119	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	56	21	-	-	21	45	44.9	-	-	-	-
Pond 3	B	30-Jan-24	Pond	Hills 3447519.3	117	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	57	22	-	-	34	46	44.8	-	-	-	-
Pond 3	H	5-Feb-24	Pond	Hills 3459798.3	125	-	-	-	0.026	-	-	-	-	-	-	-	-	-	*0.00005*	55	19	-	-	38	47	45.9	*0.0005*	167	-	0.108
Pond 3	B	15-Feb-24	Pond	Hills 3468936.3	135	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	60	23	-	-	44	52	47.9	-	-	-	-
Pond 3	B	29-Feb-24	Pond	Hills 3482686.3	148	-	-	-	0.660	-	-	-	-	-	-	-	-	-	-	66	25	-	-	41	52	49.9	-	-	-	-
Pond 3	B	13-Mar-24	Pond	Hills 3499045.3	158	-	-	-	2.100	-	-	-	-	-	-	-	-	-	-	70	21	-	-	42	56	53.1	-	-	-	-
Pond 3	B	27-Mar-24	Pond	Hills 3522038.3	159	-	-	-	2.100	-	-	-	-	-	-	-	-	-	-	67	26	-	-	33	54	53.5	-	-	-	-
Pond 3	B	12-Apr-24	Pond	Hills 3541327.3	145	-	-	-	1.300	-	-	-	-	-	-	-	-	-	-	74	25	-	-	18	55	52.3	-	-	-	-
Pond 3	B	24-Apr-24	Pond	Hills 3559570.3	129	-	-	-	0.210	-	-	-	-	-	-	-	-	-	-	76	24	-	-	34	59	56.5	-	-	-	-
Pond 3	B	9-May-24	Pond	Hills 3577819.3	114	-	-	-	0.060	-	-	-	-	-	-	-	-	-	-	79	27	-	-	40	63	61.9	-	-	-	-
Pond 3	**C**	27-May-24	Pond	Hills 3593002.3	117	0.009	-	-	0.035	-	-	*0.0010*	-	-	-	-	-	0.099	*0.00005*	84	28	*0.0005*	-	28	63	62	0.0011	250	*0.02*	0.220
Pond 3	**B**	11-Jun-24	Pond	Hills 3604225.3	137	-	-	-	0.049	-	-	-	-	-	-	-	-	-	-	93	31	-	-	31	67	67.7	-	-	-	-
Pond 3	**B**	24-Jun-24	Pond	Hills 3614230.3	131	-	-	-	0.069	-	-	-	-	-	-	-	-	-	-	74	27	-	-	28	58	56.9	-	-	-	-
Pond 3	**B**	18-Jul-24	Pond	Hills 3632050.3	150	-	-	-	0.161	-	-	-	-	-	-	-	-	-	-	82	25	-	-	28	60	57.9	-	-	-	-
Pond 3	**H**	2-Aug-24	Pond	Hills 3641802.3	166	*0.015*	-	-	0.049	-	-	*0.0010*	-	-	-	-	-	-	*0.00005*	76	22	*0.0005*	-	24	58	56.7	0.0017	220	-	0.28
Pond 3	**B**	16-Aug-24	Pond	Hills 3651692.3	171	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	79	20	-	-	30	59	56.3	-	-	-	-
Pond 3	**B**	29-Aug-24	Pond	Hills 3660407.3	167	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	90	21	-	-	23	60	57.5	-	-	-	-
Pond 3	**B**	12-Sep-24	Pond	Hills 3671006.3	161	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	78	19.8	-	-	22	58	55.2	-	-	-	-
Pond 3	**B**	26-Sep-24	Pond	Hills 3681023.3	155	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	74	20	-	-	24	56	53.5	-	-	-	-
Pond 3	**B**	10-Oct-24	Pond	Hills 3691499.3	143	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	76	21	-	-	25	52	50.7	-	-	-	-
Pond 4	B	24-Jun-09	discharge	Hills	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-	-	17	-	-	19	84	80	-	-	-	-
Pond 4	B	8-Jul-09	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	15	-	-	14	64	62.6	-	-	-	-
Pond 4	B	22-Jul-09	discharge	Hills	-	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	14	-	-	14	57	55.7	-	-	-	-
Pond 4	C	5-Aug-09	discharge	Hills	130	< 0.0030	-	-	< 0.010	-	-	0.0012	-	-	-	-	-	-	< 0.000050	81	16	< 0.00050	-	16	59	57.3	0.0024	250	< 0.020	0.14
Pond 4	B	18-Aug-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18	-	-	17	64	62.6	-	-	-	-
Pond 4	B	2-Sep-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14	-	-	15	60	58.4	-	-	-	-
Pond 4	B	15-Sep-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17	-	-	18	52	50.4	-	-	-	-
Pond 4	C	30-Sep-09	pond	Hills	130	< 0.0030	-	-	0.013	-	-	< 0.0010	-	-	-	-	-	-	< 0.000050	59	11	< 0.00050	-	17	47	45.9	0.0023	180	< 0.020	1.2
Pond 4	B	14-Oct-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13	-	-	18	53	50.7	-	-	-	-
Pond 4	B	28-Oct-09	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12	-	-	18	43	50.9	-	-	-	-
Pond 4	B	10-Nov-09	weir	Hills	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	27	-	-	26	52	62	-	-	-	-
Pond 4	B	25-Nov-09	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	60	-	-	76	71	71	-	-	-	-
Pond 4	C	2-Dec-09	pond	Hills	220	< 0.0030	-	-	< 0.010	-	-	0.017	-	-	-	-	-	-	< 0.000050	77	72	< 0.00050	-	90	78	76.9	< 0.00050	260	< 0.020	0.82
Pond 4	B	16-Dec-09	pond	Hills	-	-	-	-	0.17	-	-	-	-	-	-	-	-	-	-	-	15	-	-	25	58	57.6	-	-	-	-
Pond 4	B	8-Jan-10	pond	Hills	-	-	-	-	0.28	-	-	-	-	-	-	-	-	-	-	-	17	-	-	22	56	53.7	-	-	-	-
Pond 4	B	20-Jan-10	pond	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	17	-	-	24	52	50.2	-	-	-	-
Pond 4	C	3-Feb-10	pond	Hills	140	0.0032	-	-	0.042	-	-	0.0035	-	-	-	-	-	-	< 0.000050	73	21	< 0.00050	-	31	65	63.2	0.0015	220	< 0.020	0.073

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	B	17-Feb-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	23	-	-	32	67	66.2	-	-	-	-
Pond 4	B	3-Mar-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	24	-	-	20	70	71.3	-	-	-	-
Pond 4	B	26-May-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12.9	-	-	18	56	55.1	-	-	-	-
Pond 4	C	9-Jun-10	discharge	Hills	127	< 0.003	-	-	< 0.010	-	-	0.0012	-	-	-	-	-	-	< 0.00005	94	17.3	< 0.0005	-	21	67	65.8	0.0038	280	< 0.02	0.26
Pond 4	B	23-Jun-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18.6	-	-	13	65	-	-	-	-	-
Pond 4	B	7-Jul-10	discharge	Hills	-	-	-	-	0.22	-	-	-	-	-	-	-	-	-	-	-	20	-	-	24	52	-	-	-	-	-
Pond 4	B	21-Jul-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	16	53	-	-	-	-	-
Pond 4	C	4-Aug-10	discharge	Hills	145	< 0.003	-	-	< 0.010	-	-	0.0011	-	-	-	-	-	-	< 0.00005	81	10.7	< 0.0005	-	13	57	56.3	0.0028	250	< 0.02	0.41
Pond 4	B	18-Aug-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	11.3	-	-	18	55	-	-	-	-	-
Pond 4	B	1-Sep-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12.3	-	-	17	59	-	-	-	-	-
Pond 4	B	14-Sep-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	19	56	-	-	-	-	-
Pond 4	C	27-Sep-10	discharge	Hills	147	< 0.003	-	-	0.011	-	-	0.001	-	-	-	-	-	-	< 0.00005	86	15.2	< 0.0005	-	14	61	60.6	0.0025	260	< 0.02	0.12
Pond 4	B	13-Oct-10	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.1	-	-	16	53	-	-	-	-	-
Pond 4	B	27-Oct-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18	-	-	19	48	-	-	-	-	-
Pond 4	B	10-Nov-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	20	-	-	20	53	-	-	-	-	-
Pond 4	B	24-Nov-10	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18.9	-	-	22	55	-	-	-	-	-
Pond 4	C	1-Dec-10	pond	Hills	39	< 0.003	-	-	< 0.010	-	-	0.0017	-	-	-	-	-	-	< 0.00005	53	19.1	< 0.0005	-	22	54	53.7	0.0019	179	< 0.02	0.025
Pond 4	B	15-Dec-10	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	22	-	-	23	56	-	-	-	-	-
Pond 4	B	5-Jan-11	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	26	63	-	-	-	-	-
Pond 4	B	19-Jan-11	pond	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	17	65	-	-	-	-	-
Pond 4	C	2-Feb-11	discharge	Hills	97	0.006	-	-	< 0.010	-	-	0.0012	-	-	-	-	-	-	< 0.00005	75	10.8	< 0.0005	-	20	58	57.4	0.0029	230	< 0.02	0.125
Pond 4	B	16-Feb-11	discharge	Hills	-	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	-	11.4	-	-	11	59	-	-	-	-	-
Pond 4	B	2-Mar-11	de-silting	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	30-Mar-11	discharge	Hills	98	< 0.003	-	-	0.011	-	-	0.0028	-	-	-	-	-	-	< 0.00005	75	16.3	< 0.0005	-	16	56	56.1	0.0027	210	< 0.02	0.077
Pond 4	B	13-Apr-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16.4	-	-	9	59	-	-	-	-	-
Pond 4	B	28-Apr-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14.3	-	-	16	71	-	-	-	-	-
Pond 4	B	11-May-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	26	73	-	-	-	-	-
Pond 4	B	25-May-11	discharge	Hills	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	13	80	-	-	-	-	-
Pond 4	C	8-Jun-11	discharge	Hills	147	< 0.003	-	-	< 0.010	-	-	0.0018	-	-	-	-	-	-	< 0.00005	105	16.4	< 0.0005	-	23	74	74.7	0.0027	330	< 0.02	0.133
Pond 4	B	22-Jun-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.2	-	-	25	67	-	-	-	-	-
Pond 4	B	6-Jul-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	22	69	-	-	-	-	-
Pond 4	B	20-Jul-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18.1	-	-	13	63	-	-	-	-	-
Pond 4	C	3-Aug-11	discharge	Hills	133	< 0.003	-	-	< 0.010	-	-	0.0015	-	-	-	-	-	-	< 0.00005	78	15.3	< 0.0005	-	10	54	53.3	0.0028	240	< 0.02	0.146
Pond 4	B	17-Aug-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	8	54	-	-	-	-	-
Pond 4	B	31-Aug-11	discharge	Hills	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	16	55	-	-	-	-	-
Pond 4	B	14-Sep-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	14	61	-	-	-	-	-
Pond 4	C	28-Sep-11	discharge	Hills	119	< 0.003	-	-	< 0.010	-	-	0.0025	-	-	-	-	-	-	< 0.00005	94	20	< 0.0005	-	6	65	63.3	0.0077	290	< 0.02	0.049
Pond 4	B	12-Oct-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	25	64	-	-	-	-	-
Pond 4	B	26-Oct-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	12	62	-	-	-	-	-
Pond 4	B	9-Nov-11	discharge	Hills	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	17.1	-	-	15	62	-	-	-	-	-
Pond 4	B	22-Nov-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	12	61	-	-	-	-	-
Pond 4	C	30-Nov-11	discharge	Hills	63	< 0.003	-	-	< 0.010	-	-	0.0035	-	-	-	-	-	-	< 0.00005	71	17.7	< 0.0005	-	14	59	57.6	0.0027	240	< 0.02	0.039
Pond 4	B	14-Dec-11	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	9	56	-	-	-	-	-
Pond 4	B	9-Jan-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	18	69	-	-	-	-	-
Pond 4	B	18-Jan-12	discharge	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	15	-	-	14	68	-	-	-	-	-

			Parameter		Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
			Conditions		-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
			ANZECC 95% freshwater		-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
			Trigger Level 1 stream sites		90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
			Trigger Level 2 stream sites		200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
			Trigger Level 1 Pond outlets		150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
			Trigger Level 2 Pond outlets		200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
			Mean		122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
			Median		128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
			95th percentile		169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
			Unit		g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	C	1-Feb-12	discharge	Hills	68	< 0.003	-	-	< 0.010	-	-	0.0041	-	-	-	-	-	-	< 0.00005	79	16.3	0.0007	-	12	69	67.7	0.0022	260	< 0.02	0.023
Pond 4	B	15-Feb-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	16	67	-	-	-	-	-
Pond 4	B	29-Feb-12	discharge	Hills	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-	18	69	-	-	-	-	-
Pond 4	B	14-Mar-12	discharge	Hills	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	13	69	-	-	-	-	-
Pond 4	C	28-Mar-12	discharge	Hills	125	< 0.003	-	-	0.123	-	-	0.0038	-	-	-	-	-	-	< 0.00005	73	11	< 0.0005	-	6	56	52.5	0.0017	220	< 0.02	0.101
Pond 4	B	11-Apr-12	discharge	Hills	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	11.4	-	-	12	57	-	-	-	-	-
Pond 4	B	23-Apr-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16.7	-	-	6	50	-	-	-	-	-
Pond 4	B	9-May-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13.4	-	-	12	50	-	-	-	-	-
Pond 4	B	23-May-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	12.5	-	-	13	59	-	-	-	-	-
Pond 4	C	6-Jun-12	discharge	Hills	92	< 0.003	-	-	< 0.010	-	-	0.003	-	-	-	-	-	-	< 0.00005	74	12.6	< 0.0005	-	16	58	57.1	0.0015	230	< 0.02	< 0.021
Pond 4	B	20-Jun-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13.3	-	-	12	61	-	-	-	-	-
Pond 4	B	4-Jul-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	17	-	-	18	66	-	-	-	-	-
Pond 4	B	18-Jul-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	16.7	-	-	12	55	-	-	-	-	-
Pond 4	C	1-Aug-12	discharge	Hills	125	< 0.003	-	-	0.03	-	-	0.0016	-	-	-	-	-	-	< 0.00005	59	11.1	< 0.0005	-	12	43	40.8	0.0026	178	< 0.02	1.32
Pond 4	B	15-Aug-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	8.9	-	-	14	42	-	-	-	-	-
Pond 4	B	29-Aug-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-	10	50	-	-	-	-	-
Pond 4	B	12-Sep-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	13.8	-	-	10	49	-	-	-	-	-
Pond 4	C	26-Sep-12	discharge	Hills	104	< 0.003	-	-	0.014	-	-	0.0018	-	-	-	-	-	-	< 0.00005	58	13.7	< 0.0005	-	9	47	44.4	0.0019	176	< 0.02	0.074
Pond 4	B	10-Oct-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	14.9	-	-	< 6	48	-	-	-	-	-
Pond 4	B	24-Oct-12	discharge	Hills	-	-	-	-	< 0.010	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	9	45	-	-	-	-	-
Pond 4	B	7-Nov-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	15.6	-	-	12	42	-	-	-	-	-
Pond 4	B	21-Nov-12	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-	6	40	-	-	-	-	-
Pond 4	C	5-Dec-12	pond	Hills	37	0.003	-	-	0.01	-	-	0.0069	-	-	-	-	-	-	< 0.00005	40	16.8	0.0005	-	11	40	39	0.0014	124	0.02	0.052
Pond 4	B	19-Dec-12	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-	14	45	-	-	-	-	-
Pond 4	B	9-Jan-13	discharge	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	16.4	-	-	6	45	-	-	-	-	-
Pond 4	C	23-Jan-13	discharge	Hills	51	0.003	-	-	0.023	-	-	0.0101	-	-	-	-	-	-	< 0.00005	45	17.4	0.0005	-	6	45	44.3	0.0013	140	0.02	0.028
Pond 4	B	5-Feb-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	17	-	-	14	45	-	-	-	-	-
Pond 4	B	20-Feb-13	pond	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	18.6	-	-	10	47	-	-	-	-	-
Pond 4	B	6-Mar-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	20	-	-	12	47	-	-	-	-	-
Pond 4	C	20-Mar-13	discharge	Hills	108	0.003	-	-	0.011	-	-	0.0058	-	-	-	-	-	-	0.00005	68	22	0.0005	-	24	62	62	0.0005	220	0.02	0.39
Pond 4	B	3-Apr-13	pond	Hills	-	-	-	-	0.62	-	-	-	-	-	-	-	-	-	-	-	32	-	-	62	79	-	-	-	-	-
Pond 4	B	17-Apr-13	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	24	-	-	34	66	-	-	-	-	-
Pond 4	B	1-May-13	pond	Hills	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	26	-	-	26	69	-	-	-	-	-
Pond 4	B	15-May-13	discharge	Hills	-	-	-	-	0.097	-	-	-	-	-	-	-	-	-	-	-	22	-	-	16	78	-	-	-	-	-
Pond 4	C	29-May-13	discharge	Hills	132	*0.003*	-	-	0.035	-	-	0.0027	-	-	-	-	-	-	0.00005	116	23	0.0005	-	20	80	78.7	0.0022	350	0.02	0.19
Pond 4	B	12-Jun-13	discharge	Hills	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	23	-	-	26	73	-	-	-	-	-
Pond 4	B	26-Jun-13	discharge	Hills	-	-	-	-	0.21	-	-	-	-	-	-	-	-	-	-	-	16	-	-	24	61	-	-	-	-	-
Pond 4	B	10-Jul-13	discharge	Hills	-	-	-	-	0.076	-	-	-	-	-	-	-	-	-	-	-	18.4	-	-	16	71	-	-	-	-	-
Pond 4	C	24-Jul-13	discharge	Hills	151	*0.003*	-	-	0.013	-	-	0.0026	-	-	-	-	-	-	*0.00005*	104	21	*0.0005*	-	20	76	75.4	0.0016	320	*0.02*	0.093
Pond 4	B	6-Aug-13		Hills	-	-	-	-	0.046	-	-	-	-	-	-	-	-	-	-	-	21	-	-	25	75	-	-	-	-	-
Pond 4	B	20-Aug-13	discharge	Hills	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	19	72	-	-	-	-	-
Pond 4	B	3-Sep-13	discharge	Hills	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	16	67	-	-	-	-	-
Pond 4	C	18-Sep-13	discharge	Hills	134	*0.003*	-	-	0.01	-	-	0.0023	-	-	-	-	-	-	*0.00005*	78	11.7	*0.0005*	-	20	57	57.2	0.0027	240	*0.02*	0.44
Pond 4	B	2-Oct-13	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-	9	61	-	-	-	-	-
Pond 4	B	16-Oct-13	discharge	Hills	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	15.7	-	-	18	59	-	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	B	30-Oct-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.6	-	-	15	58	-	-	-	-	-
Pond 4	Special	6-Nov-13	pond	WM	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-
Pond 4	B	12-Nov-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.9	-	-	14	54	-	-	-	-	-
Pond 4	C	26-Nov-13	pond	Hills	47	*0.003*	-	-	*0.01*	-	-	0.0056	-	-	-	-	-	-	*0.00005*	58	14.6	*0.0005*	-	19	52	51.2	0.0019	187	*0.02*	0.1
Pond 4	B	18-Dec-13	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	11.3	-	-	19	45	-	-	-	-	-
Pond 4	B	3-Jan-14	discharge	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	10.6	-	-	21	44	-	-	-	-	-
Pond 4	C	14-Jan-14	discharge	Hills	78	*0.003*	-	-	*0.01*	-	-	0.0056	-	-	-	-	-	-	*0.00005*	51	9.9	*0.0005*	-	15	48	47.9	0.0018	167	*0.02*	0.096
Pond 4	B	30-Jan-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	10.5	-	-	14	50	-	-	-	-	-
Pond 4	B	13-Feb-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	11.7	-	-	12	52	-	-	-	-	-
Pond 4	B	27-Feb-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	12	-	-	24	52	-	-	-	-	-
Pond 4	C	12-Mar-14	pond	Hills	93	*0.003*	-	-	*0.01*	-	-	0.0094	-	-	-	-	-	-	*0.00005*	49	13.1	*0.0005*	-	16	51	51.6	0.0011	167	*0.02*	0.06
Pond 4	B	25-Mar-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	12.8	-	-	20	51	-	-	-	-	-
Pond 4	B	9-Apr-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	16	52	-	-	-	-	-
Pond 4	B	28-Apr-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.1	-	-	20	50	-	-	-	-	-
Pond 4	B	6-May-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15	-	-	26	56	-	-	-	-	-
Pond 4	C	21-May-14	pond	Hills	84	*0.003*	-	-	*0.01*	-	-	0.008	-	-	-	-	-	-	*0.00005*	53	15.5	0.0005	-	22	54	55	0.001	177	*0.02*	0.029
Pond 4	B	5-Jun-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	18	52	-	-	-	-	-
Pond 4	B	18-Jun-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.3	-	-	23	58	-	-	-	-	-
Pond 4	B	2-Jul-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	10	63	-	-	-	-	-
Pond 4	C	15-Jul-14	discharge	Hills	136	*0.003*	-	-	0.04	-	-	0.0019	-	-	-	-	-	-	*0.00005*	72	22	*0.0005*	-	13	56	55.8	0.0026	210	*0.02*	0.039
Pond 4	B	30-Jul-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	15	50	-	-	-	-	-
Pond 4	B	14-Aug-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	14	52	-	-	-	-	-
Pond 4	B	25-Aug-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	23	-	-	20	54	-	-	-	-	-
Pond 4	B	11-Sep-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16	-	-	12	51	-	-	-	-	-
Pond 4	C	23-Sep-14	discharge	Hills	130	*0.003*	-	-	*0.01*	-	-	0.0023	-	-	-	-	-	-	*0.00005*	75	16.4	*0.0005*	-	10	53	53.2	0.0016	220	*0.02*	0.28
Pond 4	B	7-Oct-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17	-	-	15	50	-	-	-	-	-
Pond 4	B	16-Oct-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	20	47	-	-	-	-	-
Pond 4	B	4-Nov-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	10	57	-	-	-	-	-
Pond 4	C	19-Nov-14	discharge	Hills	100	*0.003*	-	-	*0.01*	-	-	0.0025	-	-	-	-	-	-	*0.00005*	66	17	*0.0005*	-	18	53	53.3	0.0011	200	*0.02*	0.057
Pond 4	B	1-Dec-14	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17.3	-	-	16	48	-	-	-	-	-
Pond 4	B	18-Dec-14	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	16	53	-	-	-	-	-
Pond 4	B	5-Jan-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.6	-	-	6	52	-	-	-	-	-
Pond 4	C	19-Jan-15	pond	Hills	63	*0.003*	-	-	*0.01*	-	-	0.0061	-	-	-	-	-	-	*0.00005*	62	17.4	*0.0005*	-	11	49	50.7	0.0011	190	*0.02*	0.07
Pond 4	B	29-Jan-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	8	50	-	-	-	-	-
Pond 4	B	10-Feb-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	18	51	-	-	-	-	-
Pond 4	B	24-Feb-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.9	-	-	16	52	-	-	-	-	-
Pond 4	C	12-Mar-15	pond	Hills	69	*0.003*	-	-	*0.01*	-	-	0.0153	-	-	-	-	-	-	*0.00005*	61	21	*0.0005*	-	10	52	52.9	0.0005	190	*0.02*	*0.021*
Pond 4	B	26-Mar-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	14	51	-	-	-	-	-
Pond 4	B	9-Apr-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	8	51	-	-	-	-	-
Pond 4	B	9-Apr-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	8	51	-	-	-	-	-
Pond 4	B	21-Apr-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	10	50	-	-	-	-	-
Pond 4	B	6-May-15	pond	Hills	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	22	-	-	15	54	-	-	-	-	-
Pond 4	C	19-May-15	discharge	Hills	121	*0.003*	-	-	*0.01*	-	-	0.0079	-	-	-	-	-	-	*0.00005*	74	21	*0.0005*	-	12	61	62	0.0006	230	*0.02*	0.027
Pond 4	B	3-Jun-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	16	60	-	-	-	-	-
Pond 4	B	16-Jun-15	discharge	Hills	-	-	-	-	0.073	-	-	-	-	-	-	-	-	-	-	-	18.2	-	-	8	58	-	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	B	29-Jun-15	discharge	Hills	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	20	-	-	10	62	-	-	-	-	-
Pond 4	C	14-Jul-15	pond	Hills	131	*0.003*	-	-	0.104	-	-	0.0025	-	-	-	-	-	-	*0.00005*	89	23	*0.0005*	-	18	63	63	0.0005	260	*0.02*	0.178
Pond 4	B	30-Jul-15	discharge	Hills	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	21	-	-	20	58	-	-	-	-	-
Pond 4	B	12-Aug-15	discharge	Hills	-	-	-	-	0.046	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	12	51	-	-	-	-	-
Pond 4	B	24-Aug-15	discharge	Hills	-	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	12	57	-	-	-	-	-
Pond 4	B	8-Sep-15	discharge	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	12	45	-	-	-	-	-
Pond 4	C	22-Sep-15	discharge	Hills	152	*0.003*	-	-	0.015	-	-	0.0044	-	-	-	-	-	-	*0.00005*	71	15.8	*0.0005*	-	16	48.7	45	0.0023	210	*0.02*	0.16
Pond 4	B	8-Oct-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	10	49	-	-	-	-	-
Pond 4	B	21-Oct-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	12	45	-	-	-	-	-
Pond 4	B	4-Nov-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.7	-	-	15	41	-	-	-	-	-
Pond 4	C	17-Nov-15	pond	Hills	96	*0.003*	-	-	*0.01*	-	-	0.006	-	-	-	-	-	-	*0.00005*	42	16.7	*0.0005*	-	22	41.2	47	0.0013	138	*0.02*	0.198
Pond 4	B	30-Nov-15	pond	Hills	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	16	44	-	-	-	-	-
Pond 4	B	15-Dec-15	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.3	-	-	12	41	-	-	-	-	-
Pond 4	B	5-Jan-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16	-	-	20	47	-	-	-	-	-
Pond 4	C	12-Jan-16	pond	Hills	101	*0.003*	-	-	*0.01*	-	-	0.0043	-	-	-	-	-	-	*0.00005*	59	14.9	*0.0005*	-	23	48	48.5	0.0026	181	*0.02*	0.184
Pond 4	B	27-Jan-16	pond	Hills	-	-	-	-	0.035	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	*6*	54	-	-	-	-	-
Pond 4	B	9-Feb-16	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	14	39	-	-	-	-	-
Pond 4	B	24-Feb-16	pond	Hills	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	14	55	-	-	-	-	-
Pond 4	C	9-Mar-16	pond	Hills	125	*0.003*	-	-	0.027	-	-	0.0103	-	-	-	-	-	-	*0.00005*	80	17.7	*0.0005*	-	22	61	61.3	0.0012	240	*0.02*	0.031
Pond 4	B	23-Mar-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	21	59	-	-	-	-	-
Pond 4	B	6-Apr-16	pond	Hills	-	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	24	60	-	-	-	-	-
Pond 4	B	3-May-16	pond	Hills	164	-	-	-	*0.7*	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	26	60	62.2	-	-	-	-
Pond 4	C	18-May-16	pond	Hills	154	-	-	-	*0.79*	-	-	0.0111	-	-	-	-	-	-	*0.00005*	86	19.9	*0.0005*	-	18	62.8	63.6	0.0006	250	*0.02*	0.23
Pond 4	B	3-Jun-16	pond	Hills	143	-	-	-	*0.032*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	18	63	63.7	-	-	-	-
Pond 4	B	18-Jun-16	pond	Hills	134	-	-	-	*0.066*	-	-	-	-	-	-	-	-	-	-	-	21	-	-	20	66	66.7	-	-	-	-
Pond 4	B	29-Jun-16	pond	Hills	112	-	-	-	*0.038*	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	6	51	60.9	-	-	-	-
Pond 4	B	13-Jul-16	pond	Hills	117	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	12.7	-	-	14	38	38.9	-	-	-	-
Pond 4	B	27-Jul-16	pond	Hills	137	-	-	-	*0.011*	-	-	-	-	-	-	-	-	-	-	-	18.3	-	-	16	48	49.6	-	-	-	-
Pond 4	H	12-Aug-16	discharge	Hills	113	*0.003*	-	-	*0.01*	-	-	0.0012	-	-	-	-	-	-	*0.00005*	55	13.3	*0.0005*	-	12	41	41.9	0.0032	162	-	0.67
Pond 4	**B**	27-Aug-16	discharge	Hills	87	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	10.8	-	-	12	33	39.2	-	-	-	-
Pond 4	**B**	7-Sep-16	discharge	Hills	133	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	14.2	-	-	15	43	43.7	-	-	-	-
Pond 4	**B**	22-Sep-16	discharge	Hills	135	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	13	-	-	22	43	43.7	-	-	-	-
Pond 4	**B**	4-Oct-16	discharge	Hills	105	-	-	-	*0.026*	-	-	-	-	-	-	-	-	-	-	-	11.7	-	-	7	52	48.9	-	-	-	-
Pond 4	**B**	20-Oct-16	discharge	Hills	107	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	14.3	-	-	6	55	53.7	-	-	-	-
Pond 4	**B**	3-Nov-16	discharge	Hills	105	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	14	55	53.1	-	-	-	-
Pond 4	C	22-Nov-16	pond	Hills	109	*0.003*	-	-	*0.027*	-	-	*0.0028*	-	-	-	-	-	-	*0.00005*	69	17.5	*0.0005*	-	6	57	57	*0.0001*	200	*0.02*	0.5
Pond 4	**B**	30-Nov-16	discharge	Hills	89	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.1	-	-	14	59	58.4	-	-	-	-
Pond 4	Retest	12-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	13-Dec-16	discharge	Hills	77	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.7	-	-	26	53	57	-	-	-	-
Pond 4	**B**	5-Jan-17	discharge	Hills	75	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	19.3	-	-	19	54.8	56.7	-	-	-	-
Pond 4	C	12-Jan-17	pond	Hills	52	*0.003*	-	-	*0.001*	-	-	0.0046	-	-	-	-	-	-	*0.00005*	48	19.3	*0.0005*	-	12	54.7	48	0.001	150	*0.02*	0.162
Pond 4	**B**	31-Jan-17	discharge	Hills	35	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	22	-	-	16	50.9	55.8	-	-	-	-
Pond 4	**H**	9-Feb-17	pond	Hills	49	*0.004*	-	-	*0.023*	-	-	0.0063	-	-	-	-	-	-	*0.00005*	45	22	*0.0005*	-	10	48	55.3	0.0014	142	-	0.061
Pond 4	**B**	22-Feb-17	discharge	Hills	90	-	-	-	*0.072*	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-	23	60	60	-	-	-	-
Pond 4	**B**	9-Mar-17	pond	Hills	173	-	-	-	*0.111*	-	-	-	-	-	-	-	-	-	-	-	20	-	-	19	62	62.9	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	**B**	22-Mar-17	pond	Hills	191	-	-	-	*0.66*	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	12	60	59.5	-	-	-	-
Pond 4	**B**	3-Apr-17	pond	Hills	152	-	-	-	*0.06*	-	-	-	-	-	-	-	-	-	-	-	42	-	-	20	61.5	63	-	-	-	-
Pond 4	**B**	20-Apr-17	pond	Hills	131	-	-	-	*0.061*	-	-	-	-	-	-	-	-	-	-	-	9.2	-	-	16	46	46.6	-	-	-	-
Pond 4	**B**	5-May-17	pond	Hills	168	-	-	-	*0.043*	-	-	-	-	-	-	-	-	-	-	-	12.3	-	-	24	57	56.6	-	-	-	-
Pond 4	C	31-May-17	pond	Hills	132	*0.0089*	-	-	*0.01*	-	-	0.002	-	-	-	-	-	-	*0.00005*	63	11.9	*0.0005*	-	22	46	42.1	0.0025	180	*0.03*	0.33
Pond 4	**B**	13-Jun-17	pond	Hills	67	-	-	-	*0.001*	-	-	-	-	-	-	-	-	-	-	-	9	-	-	*6*	46	45.7	-	-	-	-
Pond 4	**B**	22-Jun-17	pond	Hills	162	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16	-	-	15	53	51.7	-	-	-	-
Pond 4	**B**	11-Jul-17	pond	Hills	148	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	24	45	43.6	-	-	-	-
Pond 4	**B**	27-Jul-17	discharge	Hills	108	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	-	14.1	-	-	16	49	48.2	-	-	-	-
Pond 4	**B**	18-Aug-17	discharge	Hills	144	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-	14	48	50.8	-	-	-	-
Pond 4	**H**	30-Aug-17	discharge	Hills	129	*0.004*	-	-	*0.01*	-	-	0.0015	-	-	-	-	-	-	*0.00005*	65	15.2	*0.0005*	-	19	47	46	0.0028	187	-	0.37
Pond 4	**B**	14-Sep-17	Pond	Hills	144	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-	16	47	47.8	-	-	-	-
Pond 4	**B**	28-Sep-17	Pond	Hills	152	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18.2	-	-	17	47.5	47.6	-	-	-	-
Pond 4	**B**	11-Oct-17	Pond	Hills	124	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15	-	-	14	47	47	-	-	-	-
Pond 4	**B**	26-Oct-17	Pond	Hills	137	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-	16	50	53	-	-	-	-
Pond 4	**B**	9-Nov-17	Pond	Hills	84	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	18	-	-	26	45	43.1	-	-	-	-
Pond 4	C	23-Nov-17	pond	Hills	122	*0.003*	-	-	*0.01*	-	-	0.0027	-	-	-	-	-	-	*0.00005*	69	16	*0.0005*	-	14	51	50	0.0024	199	*0.02*	0.154
Pond 4	**B**	6-Dec-17	pond	Hills	85	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	16	46	45.7	-	-	-	-
Pond 4	**B**	21-Dec-17	pond	Hills	36	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.7	-	-	10	38	36.4	-	-	-	-
Pond 4	B	10-Jan-18	Pond	Hill	66	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	25	-	-	20	53	43.3	-	-	-	-
Pond 4	B	23-Jan-18	Pond	Hill	51	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	11	47	46	-	-	-	-
Pond 4	H	8-Feb-18	Pond	Hills	114	-	-	-	*0.01*	-	-	0.0027	-	-	-	-	-	-	*0.00005*	62	16.6	*0.0005*	-	16	47	49	0.001	179	-	0.071
Pond 4	**B**	28-Feb-18	Pond	Hills	135	-	-	-	*0.03*	-	-	-	-	-	-	-	-	-	-	74	12.8	-	-	16	52	52.2	-	-	-	-
Pond 4	**B**	8-Mar-18	Pond	Hills	159	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	69	14.1	-	-	32	49.3	51.9	-	-	-	-
Pond 4	**B**	29-Mar-18	Pond	Hills	133	-	-	-	0.027	-	-	-	-	-	-	-	-	-	-	72	15.7	-	-	22	51.6	54.1	-	-	-	-
Pond 4	**B**	12-Apr-18	Pond	Hills	130	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	75	16.5	-	-	26	53.7	55.2	-	-	-	-
Pond 4	**B**	24-Apr-18	Pond	Hills	134	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	78	42	-	-	22	54	55.9	-	-	-	-
Pond 4	**B**	9-May-18	Pond	Hills	136	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	78	23	-	-	18	58.3	60.5	-	-	-	-
Pond 4	**C**	29-May-18	Pond	Hills	146	*0.005*	-	-	*0.010*	-	-	0.0019	-	-	-	-	-	-	*0.00005*	81	22	*0.0005*	-	18	60.1	62.8	0.0026	230	*0.02*	0.31
Pond 4	**B**	14-Jun-18	Pond	Hills	128	-	-	-	*0.071*	-	-	-	-	-	-	-	-	-	-	68	15	-	-	12	50.1	52.2	-	-	-	-
Pond 4	**B**	28-Jun-18	Pond	Hills	154	-	-	-	*4.700*	-	-	-	-	-	-	-	-	-	-	61	23	-	-	37	56.1	57.9	-	-	-	-
Pond 4	**B**	16-Jul-18	Pond	Hills	116	-	-	-	*1.100*	-	-	-	-	-	-	-	-	-	-	50	16	-	-	18	40.8	42.7	-	-	-	-
Pond 4	**C**	18-Jul-18	Pond	Hills	112	*0.009*	-	-	*0.740*	-	-	0.0017	-	-	-	-	-	-	*0.00005*	50	16	0.0007	-	34	41.5	42.1	0.0036	144	*0.02*	0.41
Pond 4	**B**	26-Jul-18	Pond	Hills	119	-	-	-	*0.310*	-	-	-	-	-	-	-	-	-	-	58	15.5	-	-	26	47.5	48.4	-	-	-	-
Pond 4	**B**	9-Aug-18	Pond	Hills	125	-	-	-	*0.014*	-	-	-	-	-	-	-	-	-	-	66	18.2	-	-	12	51.5	52.3	-	-	-	-
Pond 4	**H**	23-Aug-18	Pond	Hills	125	0.003	-	-	*0.01*	-	-	0.0015	-	-	-	-	-	-	*0.00005*	70	24	*0.0005*	-	10	53	55.4	0.0018	200	-	0.048
Pond 4	**B**	11-Sep-18	Pond	Hills	123	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	66	18.4	-	-	16	49	51.1	-	-	-	-
Pond 4	**B**	25-Sep-18	Pond	Hills	123	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	68	17.8	-	-	*6*	49	50.6	-	-	-	-
Pond 4	**B**	9-Oct-18	discharge	Hills	127	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	69	19.4	-	-	10	56	56.7	-	-	-	-
Pond 4	**B**	23-Oct-18	Pond	Hills	74	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	49	18.6	-	-	12	46	47.7	-	-	-	-
Pond 4	**B**	6-Nov-18	Pond	Hills	55	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	46	22	-	-	16	48	46.5	-	-	-	-
Pond 4	**C**	20-Nov-18	Pond	Hills	46	0.004	-	-	*0.01*	-	-	0.0032	-	-	-	-	-	-	*0.00005*	44	28	*0.0005*	-	24	50.3	49.8	0.0009	145	*0.02*	0.1
Pond 4	**B**	6-Dec-18	Pond	Hills	75	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	49	17.3	-	-	12	44.5	43.7	-	-	-	-
Pond 4	**B**	20-Dec-18	Pond	Hills	62	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	38	14.1	-	-	16	38.2	37.8	-	-	-	-
Pond 4	**B**	8-Jan-19	Discharge	Hills	152	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	67	13.8	-	-	26	50.3	50	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	**B**	22-Jan-19	Pond	Hills	168	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	66	16.4	-	-	26	52.2	52.4	-	-	-	-
Pond 4	**H**	7-Feb-19	Pond	Hills	133	0.005	-	-	0.014	-	-	0.0029	-	-	-	-	-	-	*0.00005*	55	19	*0.0005*	-	23	51.6	52	0.0007	166	-	0.39
Pond 4	**B**	20-Feb-19	Pond	Hills	56	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	41	18	-	-	29	48	47.1	-	-	-	-
Pond 4	**B**	7-Mar-19	Pond	Hills	47	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	38	22	-	-	33	48	48.1	-	-	-	-
Pond 4	**B**	27-Mar-19	Pond	Hills	147	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	79	26	-	-	27	64	64.2	-	-	-	-
Pond 4	**B**	10-Apr-19	Pond	Hills	127	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	71	25	-	-	26	58.9	59.5	-	-	-	-
Pond 4	**B**	26-Apr-19	Pond	Hills	109	-	-	-	0.037	-	-	-	-	-	-	-	-	-	-	70	25	-	-	22	58.1	56.5	-	-	-	-
Pond 4	**B**	15-May-19	Pond	Hills	107	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	66	25	-	-	22	59	57	-	-	-	-
Pond 4	**C**	27-May-19	Pond	Hills	94	0.003	-	-	*0.010*	-	-	0.0025	-	-	-	-	-	-	*0.00005*	66	25	*0.0005*	-	20	58	58.2	0.0011	210	*0.02*	0.092
Pond 4	**B**	11-Jun-19	Pond	Hills	130	-	-	-	0.093	-	-	-	-	-	-	-	-	-	-	103	37	-	-	23	89.2	89.9	-	-	-	-
Pond 4	**B**	25-Jun-19	Pond	Hills	117	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	118	34	-	-	22	91.4	91.8	-	-	-	-
Pond 4	**B**	9-Jul-19	Discharge	Hills	122	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	108	30	-	-	24	88.1	87.3	-	-	-	-
Pond 4	**B**	22-Jul-19	Discharge	Hills	137	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	137	32	-	-	18	89	88.8	-	-	-	-
Pond 4	**B**	6-Aug-19	Discharge	Hills	135	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	112	32	-	-	18	89.2	87.6	-	-	-	-
Pond 4	**H**	21-Aug-19	Discharge	Hills	150	0.004	-	-	0.060	-	-	0.0014	-	-	-	-	-	-	*0.00005*	101	31	*0.0005*	-	15	84.4	84.1	0.0026	300	-	0.31
Pond 4	**B**	3-Sep-19	Pond	Hills	103	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	83	32	-	-	12	73.3	75.3	-	-	-	-
Pond 4	**B**	18-Sep-19	Pond	Hills	133	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	88	26	-	-	16	68.5	67.1	-	-	-	-
Pond 4	**B**	1-Oct-19	Discharge	Hills	122	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	83	29	-	-	20	69	69	-	-	-	-
Pond 4	**B**	18-Oct-19	Discharge	Hills	131	-	-	-	0.055	-	-	-	-	-	-	-	-	-	-	74	27	-	-	12	58	59.2	-	-	-	-
Pond 4	**B**	5-Nov-19	Pond	Hills	59	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	51	31	-	-	16	56	54.4	-	-	-	-
Pond 4	**C**	19-Nov-19	Pond	Hills	44	0.008	-	-	*0.010*	-	-	0.0032	-	-	-	-	-	0.23	*0.00005*	42	28	*0.0005*	-	15	51	49.8	0.0016	140	*0.02*	0.076
Pond 4	**B**	2-Dec-19	Pond	Hills	34	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	47	35	-	-	20	57	55.3	-	-	-	-
Pond 4	**B**	17-Dec-19	Pond	Hills	34	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	48	38	-	-	23	57	55.8	-	-	-	-
Pond 4	**B**	7-Jan-20	Pond	Hills	51	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	58	36	-	-	28	64	61.7	-	-	-	-
Pond 4	**B**	22-Jan-20	Pond	Hills	64	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	63	42	-	-	24	72.6	64.4	-	-	-	-
Pond 4	**H**	5-Feb-20	Pond	Hills	78	0.005	-	-	0.015	-	-	0.0054	-	-	-	-	-	-	*0.00005*	64	48	*0.0005*	-	31	62.2	71.2	0.0005	210	-	0.113
Pond 4	**B**	25-Feb-20	Pond	Hills	200	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-	101	62	-	-	60	95	92.9	-	-	-	-
Pond 4	**B**	10-Mar-20	Pond	Hills	148	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	103	75	-	-	62	99	100.7	-	-	-	-
Pond 4	**B**	23-Mar-20	Pond	Hills	129	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	102	76	-	-	85	94.4	93.9	-	-	-	-
Pond 4	**B**	6-Apr-20	Pond	Hills	136	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	103	77	-	-	83	99	96.3	-	-	-	-
Pond 4	**B**	22-Apr-20	Pond	Hills	121	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	122	75	-	-	66	98.4	95.5	-	-	-	-
Pond 4	**C**	11-May-20	Pond	Hill	116	*0.003*	-	-	0.240	-	-	0.0026	-	-	-	-	-	0.19	*0.00005*	141	57	*0.0005*	-	34	106.5	105.3	0.001	420	*0.02*	0.24
Pond 4	**B**	26-May-20	Pond	Hills	101	-	-	-	0.091	-	-	-	-	-	-	-	-	-	-	124	42	-	-	18	99	95.5	-	-	-	-
Pond 4	**B**	9-Jun-20	Pond	Hills	125	-	-	-	0.086	-	-	-	-	-	-	-	-	-	-	137	52	-	-	31	116	117.2	-	-	-	-
Pond 4	**B**	23-Jun-20	Pond	Hills	132	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	137	49	-	-	29	116	115.6	-	-	-	-
Pond 4	**B**	8-Jul-20	Discharge	Hills	135	-	-	-	0.240	-	-	-	-	-	-	-	-	-	-	100	49	-	-	32	99	96.4	-	-	-	-
Pond 4	**B**	23-Jul-20	Pond	Hills	180	-	-	-	0.240	-	-	-	-	-	-	-	-	-	-	108	44	-	-	40	93	91	-	-	-	-
Pond 4	**B**	11-Aug-20	Pond	Hills	144	-	-	-	0.260	-	-	-	-	-	-	-	-	-	-	106	42	-	-	42	105	104.6	-	-	-	-
Pond 4	**H**	25-Aug-20	Pond	Hills	139	0.023	-	-	0.810	-	-	0.0044	-	-	-	-	-	-	*0.00005*	107	62	0.0006	-	65	143	139.8	0.003	310	-	1.67
Pond 4	**C**	7-Sep-20	Pond	Hills	149	0.011	-	-	0.890	-	-	0.0034	-	-	-	-	-	0.31	*0.00005*	106	62	0.0006	-	35	136.5	138.6	0.0039	310	0.02	0.23
Pond 4	**B**	22-Sep-20	Pond	Hills	151	-	-	-	0.380	-	-	-	-	-	-	-	-	-	-	111	69	-	-	36	151.4	147.9	-	-	-	-
Pond 4	**B**	6-Oct-20	Pond	Hills	157	-	-	-	0.089	-	-	-	-	-	-	-	-	-	-	116	66	-	-	24	152	148.8	-	-	-	-
Pond 4	**B**	20-Oct-20	Pond	Hills	160	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	114	63	-	-	40	142.3	140.9	-	-	-	-
Pond 4	**C**	4-Nov-20	Pond	Hills	117	0.026	-	-	*0.010*	-	-	0.0052	-	-	-	-	-	0.35	*0.00005*	90	67	*0.0005*	-	37	138.3	137.2	0.0032	280	*0.02*	0.31
Pond 4	B	18-Nov-20	Pond	Hill	136	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	88	34	-	-	26	89	88.3	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	B	2-Dec-20	Pond	Hill	98	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	78	33	-	-	24	82.4	82.4	-	-	-	-
Pond 4	B	17-Dec-20	Pond	Hill	46	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	50	36	-	-	23	75	75	-	-	-	-
Pond 4	B	11-Jan-21	Pond	Hill	38	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	41	35	-	-	22	74.3	74	-	-	-	-
Pond 4	B	25-Jan-21	Pond	Hill	36	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	42	40	-	-	23	76	75.2	-	-	-	-
Pond 4	H	10-Feb-21	Pond	Hill	50	0.012	-	-	*0.010*	-	-	0.008	-	-	-	-	-	-	*0.0001*	45	43	*0.0010*	-	21	81.2	80	*0.0010*	159	-	0.045
Pond 4	B	24-Feb-21	Pond	Hill	91	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	69	42	-	-	26	83	82.7	-	-	-	-
Pond 4	B	9-Mar-21	Pond	Hill	93	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	68	41	-	-	24	82.2	81.5	-	-	-	-
Pond 4	B	25-Mar-21	Pond	Hill	63	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	57	38	-	-	28	78.3	77	-	-	-	-
Pond 4	B	8-Apr-21	Discharge	Hill	97	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	76	25	-	-	19	64.4	64.8	-	-	-	-
Pond 4	B	22-Apr-21	Pond	Hill	127	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	89	26	-	-	17	73	72.2	-	-	-	-
Pond 4	B	6-May-21	Pond	Hill	102	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	88	27	-	-	77	76.8	-	-	-	-	-
Pond 4	C	20-May-21	Pond	Hill	119	0.004	-	-	*0.010*	-	-	0.0015	-	-	-	-	-	0.198	*0.00005*	101	28	*0.0005*	-	28	84.8	83.8	0.0028	300	*0.02*	0.3
Pond 4	B	3-Jun-21	Pond	Hill	124	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	90	29	-	-	22	83	81.8	-	-	-	-
Pond 4	B	17-Jun-21	Pond	Hill	132	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	106	30	-	-	16	87.7	86.8	-	-	-	-
Pond 4	B	1-Jul-21	Pond	Hill	138	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	90	25	-	-	18	74.8	72.1	-	-	-	-
Pond 4	B	16-Jul-21	Pond	Hill	131	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	95	30	-	-	22	79	77	-	-	-	-
Pond 4	H	2-Aug-21	Pond	Hill	132	0.008	-	-	0.013	-	-	0.0015	-	-	-	-	-	-	*0.00005*	75	19.6	*0.0005*	-	18	60	57.8	0.0048	220	-	0.56
Pond 4	B	16-Aug-21	Pond	Hill	144	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	85	29	-	-	17	69	67.6	-	-	-	-
Pond 4	B	30-Aug-21	Pond	Hill	124	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	76	27	-	-	24	63	61.9	-	-	-	-
Pond 4	B	13-Sep-21	Pond	Hill	141	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	67	21	-	-	16	51	50.7	-	-	-	-
Pond 4	B	27-Sep-21	Pond	Hill	125	-	-	-	0.026	-	-	-	-	-	-	-	-	-	-	54	12	-	-	11	40.5	39.9	-	-	-	-
Pond 4	B	11-Oct-21	Pond	Hill	137	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	61	14.3	-	-	24	47	46.4	-	-	-	-
Pond 4	B	26-Oct-21	Pond	Hill	132	-	-	-	0.047	-	-	-	-	-	-	-	-	-	-	72	18.2	-	-	30	52	54	-	-	-	-
Pond 4	C	8-Nov-21	Pond	Hill	142	0.011	-	-	0.012	-	-	0.0020	-	-	-	-	-	0.152	*0.00005*	68	17	*0.0005*	-	26	54	52.7	0.0019	200	0.03	0.167
Pond 4	B	23-Nov-21	Pond	Hill	122	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	72	16.9	-	-	26	61.8	60.8	-	-	-	-
Pond 4	B	7-Dec-21	Pond	Hill	76	-	-	-	0.023	-	-	-	-	-	-	-	-	-	-	52	17	-	-	24	54.8	54.7	-	-	-	-
Pond 4	B	20-Dec-21	Pond	Hill	78	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	70	19.5	-	-	18	62	61.4	-	-	-	-
Pond 4	B	6-Jan-22	Pond	Hill	48	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	51	21	-	-	22	59	58	-	-	-	-
Pond 4	B	20-Jan-22	Pond	Hill	60	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	59	24	-	-	26	68.7	66	-	-	-	-
Pond 4	B	3-Feb-22	Pond	Hill	95	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	77	26	-	-	30	76.7	75.5	-	-	-	-
Pond 4	H	17-Feb-22	Pond	Hill	112	*0.003*	-	-	*0.010*	-	-	0.0072	-	-	-	-	-	-	*0.00005*	75	26	*0.0005*	-	34	78.6	78.2	0.0008	230	-	0.066
Pond 4	B	7-Mar-22	Pond	Hill	136	-	-	-	0.053	-	-	-	-	-	-	-	-	-	-	81	29	-	-	34	81.8	81.1	-	-	-	-
Pond 4	B	22-Mar-22	Pond	Hill	127	-	-	-	0.162	-	-	-	-	-	-	-	-	-	-	72	24	-	-	28	66.7	65.3	-	-	-	-
Pond 4	B	5-Apr-22	Pond	Hill	143	-	-	-	0.069	-	-	-	-	-	-	-	-	-	-	97	24	-	-	41	77.5	76.5	-	-	-	-
Pond 4	B	19-Apr-22	Pond	Hill	138	-	-	-	0.510	-	-	-	-	-	-	-	-	-	-	117	17.8	-	-	40	88	86.8	-	-	-	-
Pond 4	C	9-May-22	Pond	Hill	119	0.003	-	-	0.171	-	-	0.0018	-	-	-	-	-	0.2	*0.00005*	131	22	*0.0005*	-	22	105	104.1	*0.0005*	390	*0.02*	0.121
Pond 4	B	23-May-22	Pond	Hill	122	-	-	-	0.065	-	-	-	-	-	-	-	-	-	-	141	23	-	-	22	104.8	103.7	-	-	-	-
Pond 4	B	8-Jun-22	Discharge	Hill	108	-	-	-	0.074	-	-	-	-	-	-	-	-	-	-	106	35	-	-	28	94	92.6	-	-	-	-
Pond 4	B	22-Jun-22	Pond	Hill	119	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	114	35	-	-	26	88	86.4	-	-	-	-
Pond 4	B	5-Jul-22	Pond	Hill	108	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	101	32	-	-	23	81.5	79.3	-	-	-	-
Pond 4	B	19-Jul-22	Pond	Hill	107	-	-	-	0.290	-	-	-	-	-	-	-	-	-	-	60	14.6	-	-	18	68	68.1	-	-	-	-
Pond 4	H	1-Aug-22	Pond	Hill	114	0.025	-	-	0.170	-	-	0.0015	-	-	-	-	-	-	*0.00005*	58	17.7	*0.0005*	-	16	57	56.1	0.0022	169	-	1.03
Pond 4	B	15-Aug-22	Pond	Hill	101	-	-	-	0.076	-	-	-	-	-	-	-	-	-	-	47	10.8	-	-	11	43	42.4	-	-	-	-
Pond 4	B	29-Aug-22	Pond	Hill	117	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	62	23	-	-	14	56	55.7	-	-	-	-
Pond 4	B	12-Sep-22	Pond	Hill 3075387.4	102	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	53	17.6	-	-	16	48	47.3	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	B	27-Sep-22	Pond	Hill 3085123.4	103	-	-	-	*0.010*	-	-	-	-	-	-	-	-	-	-	56	19.3	-	-	19	51	49.6	-	-	-	-
Pond 4	B	10-Oct-22	Pond	Hill 3095159.4	128	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	68	27	-	-	16	62	61	-	-	-	-
Pond 4	B	25-Oct-22	Pond	Hill 3104306.4	112	0.005	-	-	0.012	-	-	-	-	-	-	-	-	-	-	63	27	-	-	23	60.4	59.9	-	-	-	-
Pond 4	C	8-Nov-22	Pond	Hill 3113136.3	108	0.013	-	-	*0.010*	-	-	0.0018	-	-	-	-	-	0.092	*0.00005*	62	35	*0.0005*	-	24	62	61.1	0.0017	182	0.03	0.25
Pond 4	B	22-Nov-22	Pond	Hill 3122370.4	103	-	-	-	0.032	-	-	-	-	-	-	-	-	-	-	62	22	-	-	20	54	53.3	-	-	-	-
Pond 4	B	6-Dec-22	Pond	Hill 3132692.4	122	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	65	33	-	-	22	65	64.1	-	-	-	-
Pond 4	B	22-Dec-22	Pond	Hill 3143778.4	127	-	-	-	0.042	-	-	-	-	-	-	-	-	-	-	71	37	-	-	28	72	67.8	-	-	-	-
Pond 4	B	9-Jan-23	Discharge	Hill 3149230.4	126	-	-	-	0.076	-	-	-	-	-	-	-	-	-	-	76	40	-	-	25	67	66.1	-	-	-	-
Pond 4	B	23-Jan-23	Pond	Hill 3159105.4	137	-	-	-	0.025	-	-	-	-	-	-	-	-	-	-	66	22	-	-	24	56.3	55.6	-	-	-	-
Pond 4	H	7-Feb-23	Pond	Hill 3168184.4	165	0.024	-	-	0.650	-	-	0.0031	-	-	-	-	-	-	*0.00005*	75	40	0.0011	-	72	78	77.7	*0.0005*	220	-	0.54
Pond 4	B	22-Feb-23	Pond	Hill 3182080.4	154	-	-	-	1.850	-	-	-	-	-	-	-	-	-	-	72	28	-	-	102	72	71.2	-	-	-	-
Pond 4	B	6-Mar-23	Pond	Hill 3196731.4	171	-	-	-	1.270	-	-	-	-	-	-	-	-	-	-	80	25	-	-	115	63.4	62.6	-	-	-	-
Pond 4	B	21-Mar-23	Pond	Hill 3212032.4	162	-	-	-	1.030	-	-	-	-	-	-	-	-	-	-	70	27	-	-	133	60	58.5	-	-	-	-
Pond 4	B	7-Apr-23	Pond	Hill 3233901.4	182	-	-	-	0.750	-	-	-	-	-	-	-	-	-	-	78	29	-	-	35	68.7	68	-	-	-	-
Pond 4	B	21-Apr-23	Pond	Hill 3252438.4	210	-	-	-	1.160	-	-	-	-	-	-	-	-	-	-	96	30	-	-	31	75.3	73.8	-	-	-	-
Pond 4	C	12-May-23	Pond	Hill 3275086.7	108	0.018	-	-	0.350	-	-	0.0016	-	-	-	-	-	0.120	*0.00005*	55	21	*0.0005*	-	19	47.5	46.6	0.0035	163	0.04	2.6
Pond 4	B	30-May-23	Pond	Hill 3290923.4	140	-	-	-	0.320	-	-	-	-	-	-	-	-	-	-	68	26	-	-	19	59	12	-	-	-	-
Pond 4	B	15-Jun-23	Pond	Hill 3302102.4	141	-	-	-	0.157	-	-	-	-	-	-	-	-	-	-	68	26	-	-	16	56	55.9	-	-	-	-
Pond 4	B	16-Jun-23	Pond	Hill 3307617.4	136	-	-	-	0.081	-	-	-	-	-	-	-	-	-	-	67	24	-	-	16	55	55.2	-	-	-	-
Pond 4	B	4-Jul-23	Pond	Hill 3315701.4	133	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	59	22	-	-	14	50	49.7	-	-	-	-
Pond 4	B	20-Jul-23	Pond	Hill 3326110.4	125	-	-	-	0.136	-	-	-	-	-	-	-	-	-	-	69	19.4	-	-	15	46	56.8	-	-	-	-
Pond 4	B	10-Aug-23	Pond	Hill 3340739.4	128	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	61	18.7	-	-	30	56	54.9	-	-	-	-
Pond 4	B	18-Aug-23	Pond	Hill 3345212.4	130	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	73	22	-	-	19	61	59.5	-	-	-	-
Pond 4	B	7-Sep-23	Pond	Hill 3360107.4	110	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	56	18.4	-	-	12	53	51.9	-	-	-	-
Pond 4	B	13-Sep-23	Pond	Hill 3363106.4	115	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	56	16.8	-	-	19	50	47.3	-	-	-	-
Pond 4	B	6-Oct-23	Pond	Hill 3381015.4	149	-	-	-	0.29	-	-	-	-	-	-	-	-	-	-	70	22	-	-	36	60	51.8	-	-	-	-
Pond 4	B	12-Oct-23	Pond	Hill 3383860.4	119	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	64	14.9	-	-	22	60	58.8	-	-	-	-
Pond 4	B	3-Nov-23	Pond	Hill 3399556.4	105	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	61	18.6	-	-	16	55	53.4	-	-	-	-
Pond 4	H	8-Nov-23	Pond	Hill 3403609.3	119	0.011	-	-	0.02	-	-	0.0021	-	-	-	-	-	-	*0.00005*	66	19.7	*0.0005*	-	18	57	54.8	0.0034	192	-	0.31
Pond 4	B	24-Nov-23	Pond	Hill 3414745.4	116	-	-	-	0.154	-	-	-	-	-	-	-	-	-	-	64	18.5	-	-	22	56	54.5	-	-	-	-
Pond 4	C	22-Nov-23	Pond	Hills 3412758.4	118	0.015	-	-	0.22	-	-	0.0024	-	-	-	-	-	0.082	*0.00005*	66	18	-	-	18	54	53.2	0.0006	197	*0.02*	0.27
Pond 4	B	8-Dec-23	Pond	Hills 3424896.4	113	-	-	-	0.062	-	-	-	-	-	-	-	-	-	-	70	19.1	-	-	18	57	56.4	-	-	-	-
Pond 4	B	20-Dec-23	Pond	Hills 3434878.4	111	-	-	-	0.065	-	-	-	-	-	-	-	-	-	-	65	18.8	-	-	26	58	57.6	-	-	-	-
Pond 4	B	8-Jan-24	Pond	Hills 3440416.4	117	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	63	14.5	-	-	24	53	53.1	-	-	-	-
Pond 4	B	18-Jan-24	Pond	Hills 3447519.4	109	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	61	15	-	-	30	46	53.1	-	-	-	-
Pond 4	H	5-Feb-24	Pond	Hills 3459798.4	83	-	-	-	*0.01*	-	-	0.0034	-	-	-	-	-	-	*0.00005*	46	13	*0.0005*	-	29	49	47.7	0.0013	145	*0.22*	-
Pond 4	B	15-Feb-24	Pond	Hills 3468936.4	69	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	40	15.5	-	-	26	46	44.7	-	-	-	-
Pond 4	B	29-Feb-24	Pond	Hills 3483686.4	60	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	36	16.1	-	-	24	44	42.1	-	-	-	-
Pond 4	B	27-Mar-24	Pond	Hills 3499045.4	66	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	38	15.9	-	-	34	44	41.9	-	-	-	-
Pond 4	B	27-Mar-24	Pond	Hills 3522038.4	71	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	39	16.3	-	-	26	44	42.5	-	-	-	-
Pond 4	B	12-Apr-24	Pond	Hills 3541327.4	65	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	42	17	-	-	14	46	43.7	-	-	-	-
Pond 4	B	24-Apr-24	Pond	Hills 3559570.4	89	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	58	19.4	-	-	20	53	51	-	-	-	-
Pond 4	B	9-May-24	Pond	Hills 3577819.4	83	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	64	21	-	-	23	60	57.5	-	-	-	-
Pond 4	C	27-May-24	Pond	Hills 3593002.4	89	0.012	-	-	0.014	-	-	0.0018	-	-	-	-	-	0.079	*0.00005*	66	21	*0.0005*	-	16	55	53.7	0.0023	198	0.03	0.31
Pond 4	B	11-Jun-24	Pond	Hills 3604225.4	127	-	-	-	*0.01*	-	-	-	-	-	-	-	-	-	-	94	28	-	-	16	71	70.1	-	-	-	-

				Parameter	Alkalinity	Aluminium, diss		Aluminium, total	Ammonia N, total		Antimony	Arsenic diss	Barium	Beryllium	Bicorbonate	Bismuth	BOD5	Boron total	Cadmium diss	Calcium diss	Chloride	Chromium diss	Cobalt	COD	Conductivity field	Conductivity lab	Copper diss	Hardness	Iron, diss	Iron, total
				Conditions	-	pH>6.5	pH<6.5	-	pH<8	pH>8.0	-	-	-	-	-	-	-	-	-	-	-	(CrVI)	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	0.150	-	-	2.3	-	-	0.14	-	-	-	-	-	-	0.8	-	-	0.04	-	-	-	-	0.0025	-	-	-
				ANZECC 95% freshwater	-	0.055	0.0008	-	0.9	-	-	0.013	-	-	-	-	-	-	0.002	-	-	0.001	-	-	-	-	0.0014	-	-	0.3
				Trigger Level 1 stream sites	90	0.4	0.4	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	-	-	0.008	200	-	4
				Trigger Level 2 stream sites	200	2	2	-	0.9	0.2	-	0.5	-	-	-	-	-	-	0.003	-	100	0.02	-	150	-	-	0.05	500	-	7
				Trigger Level 1 Pond outlets	150	1	1	-	0.9	0.2	-	0.01	-	-	-	-	-	-	0.001	-	50	0.01	-	75	75	-	0.009	200	-	5.5
				Trigger Level 2 Pond outlets	200	2	2	-	0.9	0.2	-	0.05	-	-	-	-	-	-	0.003	-	100	0.02	-	150	150	-	0.05	500	-	7
				Mean	122	0.00894	-	0.6	**0.11**	-	-	0.0020	-	-	97	-	7.3	0.15	0.00005	67	24	0.000826	-	27	57	57	0.00135	204	0.02797	0.30
				Median	128	0.005	-	0.6	0.020	-	-	0.0015	-	-	83	-	1.1	0.13	0.00005	65	21.2	0.0005	-	23	55	55	0.0011	200	0.02	0.16
				95th percentile	169	0.02495	-	0.6	0.43	-	-	0.00548	-	-	172.5	-	22.3	0.34	0.00005	103	43	0.005	-	52.3	88	87.8	**0.0029**	310	0.06	**0.99**
				Unit	g/m3	g/m3	-	g/m3	g/m3	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	mS/m	mS/m	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**	-	-	-	-	-	-	-																			
Pond 4	B	24-Jun-24	Pond	Hills 3614230.4	127	-	-	-	0.185	-	-	-	-	-	-	-	-	-	-	69	16.1	-	-	16	55	54.7	-	-	-	-
Pond 4	B	18-Jul-24	Pond	Hills 3632050.4	134	-	-	-	0.053	-	-	-	-	-	-	-	-	-	-	78	17.9	-	-	24	59	57.3	-	-	-	-
Pond 4	H	2-Aug-24	Pond	Hills 3641802.4	150	0.009	-	-	0.01	-	-	0.0012	-	-	-	-	-	-	*0.00005*	73	14.7	*0.0005*	-	16	59	58.2	0.0021	210	-	0.44
Pond 4	B	16-Aug-24	Pond	Hills 3651692.4	154	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	79	15.7	-	-	17	63	59.9	-	-	-	-
Pond 4	B	29-Aug-24	Pond	Hills 3660407.4	127	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	83	17.3	-	-	17	63	60.8	-	-	-	-
Pond 4	B	12-Sep-24	Pond	Hills 3671006.4	134	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	70	15	-	-	23	57	55	-	-	-	-
Pond 4	B	26-Sep-24	Pond	Hills 3681023.4	125	-	-	-	0.032	-	-	-	-	-	-	-	-	-	-	66	17.9	-	-	16	54	50.4	-	-	-	-
Pond 4	B	10-Oct-24	Pond	Hills 3691499.4	122	-	-	-	0.012	-	-	-	-	-	-	-	-	-	-	73	18.7	-	-	20	54	50.9	-	-	-	-

Notes:

- = not available or not sampled for

< = below detection limit

= concentration exceeds Trigger Level 1 for pond outlets

= concentration exceeds Trigger Level 2 for pond outlets

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	12-Jan-05	discharge		-	-	-	-	-	-	-	-	6	7.38	-	7.8	-	-	-	-	-	9	22.8	-	-	-	24	-	-	-	-
Pond 1	B	26-Jan-05	pond	Hills	-	-	-	-	-	-	-	-	13.4	7.68	-	7.8	-	-	-	-	-	25	25.8	-	-	-	13	-	-	-	-
Pond 1	C	9-Feb-05	discharge	Hills	<0.0001	-	9.02	0.001	-	0.0046	-	-	6.1	7.15	-	7.4	-	0.073	7.65	69.8	198	10	23.9	-	-	-	20	-	0.008	0.029	-
Pond 1	B	23-Feb-05	discharge	Hills	-	-	-	-	-	-	-	-	2.02	7.24	-	8	-	-	-	-	-	8	21.1	-	-	-	9	-	-	-	-
Pond 1	B	9-Mar-05	pond	Hills	-	-	-	-	-	-	-	-	0.72	7.03	-	8	-	-	-	-	-	10	19.2	-	-	-	12	-	-	-	-
Pond 1	B	23-Mar-05	pond	Hills	-	-	-	-	-	-	-	-	0.68	7.2	-	7.6	-	-	-	-	-	13	20.1	-	-	-	10	-	-	-	-
Pond 1	B	6-Apr-05	pond	Hills	-	-	-	-	-	-	-	-	3.56	7.23	-	8.1	-	-	-	-	-	15	19.3	-	-	-	7	-	-	-	-
Pond 1	C	20-Apr-05	pond	Hills	<0.0001	-	10.1	0.0481	-	0.0039	-	-	6.92	7.56	-	7.7	-	0.104	10.1	73.3	141	12	18	-	-	-	15	-	0.004	0.002	-
Pond 1	B	4-May-05	pond	Hills	-	-	-	-	-	-	-	-	6.74	7.72	-	8.2	-	-	-	-	-	14	16	-	-	-	12	-	-	-	-
Pond 1	B	18-May-05	discharge	Hills	-	-	-	-	-	-	-	-	7.55	7.32	-	8	-	-	-	-	-	37	15.5	-	-	-	44	-	-	-	-
Pond 1	Special	19-May-05	Living Earth Mulch runoff	Hills	-	-	47.9	-	-	-	-	-	-	-	-	8.1	-	-	-	-	-	-	-	-	-	-	25	-	0.053	-	-
Pond 1	B	1-Jun-05	pond	Hills	-	-	-	-	-	-	-	-	7.55	7.3	-	7.8	-	-	-	-	-	13	13.3	-	-	-	16	-	-	-	-
Pond 1	C	15-Jun-05	pond	Hills	<0.0001	-	9.9	0.0195	-	0.0023	-	-	8.05	7.26	-	7.8	-	0.05	4.98	47.4	268	<3	9.9	-	-	-	6	-	<0.001	0.106	-
Pond 1	B	30-Jun-05	discharge	Hills	-	-	-	-	-	-	-	-	6.35	7	-	7.7	-	-	-	-	-	23	11	-	-	-	36	-	-	-	-
Pond 1	B	13-Jul-05	discharge	Hills	-	-	-	-	-	-	-	-	6.52	7.11	-	7.7	-	-	-	-	-	46	11.9	-	-	-	44	-	-	-	-
Pond 1	B	27-Jul-05	discharge	Hills	-	-	-	-	-	-	-	-	7.28	7.21	-	7.8	-	-	-	-	-	25	11.5	-	-	-	30	-	-	-	-
Pond 1	B	10-Aug-05	discharge	Hills	-	-	-	-	-	-	-	-	9.75	7.05	-	8.1	-	-	-	-	-	8	11.4	-	-	-	10	-	-	-	-
Pond 1	C	24-Aug-05	discharge	Hills	<0.0001	-	10.7	0.0057	-	0.0039	-	-	10.22	7.25	-	8	-	0.022	5.35	50.7	181	4	14.3	-	-	-	6	-	0.011	0.016	-
Pond 1	B	7-Sep-05	discharge	Hills	-	-	-	-	-	-	-	-	9.62	7.39	-	7.8	-	-	-	-	-	6	15.8	-	-	-	7	-	-	-	-
Pond 1	B	21-Sep-05	discharge	Hills	-	-	-	-	-	-	-	-	8.09	7.47	-	7.9	-	-	-	-	-	14	13.4	-	-	-	18	-	-	-	-
Pond 1	B	5-Oct-05	discharge	Hills	-	-	-	-	-	-	-	-	7.83	7.29	-	7.9	-	-	-	-	-	15	16.2	-	-	-	13	-	-	-	-
Pond 1	C	19-Oct-05	discharge	Hills	0.0005	-	9.11	0.0235	-	0.0057	-	-	5.39	7.25	-	7.8	-	0.042	5.52	40	157	17	18.5	-	-	-	24	-	0.023	0.047	-
Pond 1	B	2-Nov-05	discharge	Hills	-	-	-	-	-	-	-	-	6.96	7.25	-	7.9	-	-	-	-	-	4	17.6	-	-	-	7	-	-	-	-
Pond 1	B	16-Nov-05	discharge	Hills	-	-	-	-	-	-	-	-	8.6	7.28	-	7.9	-	-	-	-	-	3	17.5	-	-	-	4	-	-	-	-
Pond 1	B	30-Nov-05	discharge	Hills	-	-	-	-	-	-	-	-	8.65	7.46	-	8.1	-	-	-	-	-	3	18.2	-	-	-	10	-	-	-	-
Pond 1	C	7-Dec-05	discharge	Hills	<0.0001	-	7.13	0.0015	-	0.0025	-	-	8.34	7.79	-	8.1	-	0.029	3.82	38.6	115	<3	20.2	-	-	-	4	-	0.002	0.006	-
Pond 1	B	21-Dec-05	discharge	Hills	-	-	-	-	-	-	-	-	7.15	7.28	-	7.9	-	-	-	-	-	<3	21.8	-	-	-	3	-	-	-	-
Pond 1	B	11-Jan-06	discharge	Hills	-	-	-	-	-	-	-	-	7.26	7.68	-	7.9	-	-	-	-	-	<3	22.1	-	-	-	2	-	-	-	-
Pond 1	B	25-Jan-06	discharge	Hills	-	-	-	-	-	-	-	-	6.42	7.34	-	7.6	-	-	-	-	-	5	21.6	-	-	-	7	-	-	-	-
Pond 1	C	8-Feb-06	discharge	Hills	<0.0001	-	9.51	0.0006	-	0.0039	-	-	5.26	7.2	-	7.7	-	0.055	7.97	67.4	170	9	23.3	-	-	-	8	-	0.002	0.008	-
Pond 1	B	22-Feb-06	pond	Hills	-	-	-	-	-	-	-	-	4.83	7.38	-	7.7	-	-	-	-	-	9	23.3	-	-	-	12	-	-	-	-
Pond 1	B	8-Mar-06	discharge	Hills	-	-	-	-	-	-	-	-	4.86	7.46	-	7.9	-	-	-	-	-	14	18.7	-	-	-	15	-	-	-	-
Pond 1	B	22-Mar-06	discharge	Hills	-	-	-	-	-	-	-	-	6.7	7.42	-	7.9	-	-	-	-	-	15	20.6	-	-	-	13	-	-	-	-
Pond 1	B	5-Apr-06	discharge	Hills	-	-	-	-	-	-	-	-	6.33	7.4	-	7.8	-	-	-	-	-	9	20.4	-	-	-	9	-	-	-	-
Pond 1	C	19-Apr-06	discharge	Hills	<0.0001	-	10.6	0.0027	-	0.0029	-	-	6.1	7.7	-	8.1	-	0.034	6.32	56.7	188	4	19	-	-	-	5	-	0.002	0.005	-
Pond 1	B	3-May-06	discharge	Hills	-	-	-	-	-	-	-	-	5.69	6.87	-	7.6	-	-	-	-	-	48	16.3	0.8	-	-	74	-	-	-	-
Pond 1	B	17-May-06	discharge	Hills	-	-	-	-	-	-	-	-	7.44	7.17	-	7.7	-	-	-	-	-	52	11.3	-	-	-	60	-	-	-	-
Pond 1	B	31-May-06	discharge	Hills	-	-	-	-	-	-	-	-	6.94	7.08	-	7.7	-	-	-	-	-	23	12.8	-	-	-	28	-	-	-	-
Pond 1	C	14-Jun-06	discharge	Hills	<0.0001	-	9.12	0.0181	-	0.0051	-	-	10.5	7.66	-	8.2	-	0.086	4.67	40.4	151	37	9.8	-	-	-	5	-	0.003	0.014	-
Pond 1	B	28-Jun-06	discharge	Hills	-	-	-	-	-	-	-	-	5.31	7.01	-	7.8	-	-	-	-	-	30	6	-	-	-	36	-	-	-	-
Pond 1	B	12-Jul-06	discharge	Hills	-	-	-	-	-	-	-	-	9.23	7.21	-	7.8	-	-	-	-	-	16	11.1	-	-	-	17	-	-	-	-
Pond 1	B	26-Jul-06	discharge	Hills	-	-	-	-	-	-	-	-	8.21	7.1	-	7.9	-	-	-	-	-	7	9.5	-	-	-	10	-	-	-	-
Pond 1	Special	1-Aug-06	Barge Ponds	Hills	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	Final Check Dam	Hills	-	-	-	-	-	-	-	-	-	7.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	SP1C road runoff	Hills	-	-	-	-	-	-	-	-	-	7.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	9-Aug-06	discharge	Hills	-	-	-	-	-	-	-	-	7.3	6.99	-	7.8	-	-	-	-	-	112	12	-	-	-	161	-	-	-	-
Pond 1	Special	14-Aug-06	Barge Ponds	Hills	-	-	-	-	-	-	-	-	-	7.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	14-Aug-06	Phase 12B pond	Hills	-	-	-	-	-	-	-	-	-	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	23-Aug-06	discharge	Hills	< 0.0001	-	8.25	0.0074	-	0.0052	-	-	10.25	7.38	-	7.9	-	0.041	4.02	40.2	143	26	10	-	-	-	41	-	0.005	0.014	-
Pond 1	B	5-Sep-06	discharge	Hills	-	-	-	-	-	-	-	-	9.03	7.55	-	8.1	-	-	-	-	-	<3	13.5	-	-	-	6	-	-	-	-
Pond 1	B	19-Sep-06	discharge	Hills	-	-	-	-	-	-	-	-	7.21	7.21	-	7.8	-	-	-	-	-	32	13.6	-	-	-	40	-	-	-	-
Pond 1	B	4-Oct-06	pond	Hills	-	-	-	-	-	-	-	-	6.92	7.03	-	8	-	-	-	-	-	68	18.8	-	-	-	84	-	-	-	-
Pond 1	C	18-Oct-06	discharge	Hills	< 0.0001	-	6.25	< 0.0005	-	0.0039	-	-	8.45	7.25	-	8.1	-	0.068	3.75	29.6	93.2	44	15.2	-	-	-	59	-	0.002	0.013	-
Pond 1	B	1-Nov-06	discharge	Hills	-	-	-	-	-	-	-	-	8.94	7.64	-	8.1	-	-	-	-	-	16	16.8	-	-	-	19	-	-	-	-
Pond 1	B	14-Nov-06	discharge	Hills	-	-	-	-	-	-	-	-	8.31	7.55	-	8.2	-	-	-	-	-	11	19.2	-	-	-	15	-	-	-	-
Pond 1	B	29-Nov-06	discharge	Hills	-	-	-	-	-	-	-	-	5.96	7.29	-	8	-	-	-	-	-	11	19	-	-	-	15	-	-	-	-
Pond 1	C	6-Dec-06	discharge	Hills	< 0.0001	-	8.28	0.0043	-	0.0047	-	-	9.16	7.98	-	8.1	-	0.059	4.64	49.9	135	7	18.7	-	-	-	17	-	0.001	0.005	-
Pond 1	B	20-Dec-06	discharge	Hills	-	-	-	-	-	-	-	-	7.26	7.61	-	8.2	-	-	-	-	-	16	19.8	-	-	-	18	-	-	-	-
Pond 1	B	10-Jan-07	discharge	Hills	-	-	-	-	-	-	-	-	5.72	8.12	-	8.7	-	-	-	-	-	4	20	-	-	-	6	-	-	-	-
Pond 1	B	24-Jan-07	discharge	Hills	-	-	-	-	-	-	-	-	7.94	7.68	-	8	-	-	-	-	-	<3	23.9	-	-	-	4	-	-	-	-
Pond 1	C	7-Feb-07	discharge	Hills	< 0.0001	-	8.37	0.0015	-	0.0031	-	-	5.9	7.11	-	7.8	-	0.04	4.69	64.5	169	< 3	20.6	-	-	-	4	-	0.005	0.01	-
Pond 1	B	21-Feb-07	pond	Hills	-	-	-	-	-	-	-	-	5.8	7.11	-	7.9	-	-	-	-	-	5	22.3	-	-	-	7	-	-	-	-
Pond 1	B	7-Mar-07	pond	Hills	-	-	-	-	-	-	-	-	5.86	7.07	-	8	-	-	-	-	-	7	23.5	-	-	-	8	-	-	-	-
Pond 1	B	21-Mar-07	discharge	Hills	-	-	-	-	-	-	-	-	6.76	7.2	-	8	-	-	-	-	-	29	18.9	-	-	-	26	-	-	-	-
Pond 1	B	4-Apr-07	discharge	Hills	-	-	-	-	-	-	-	-	5.64	7.15	-	7.7	-	-	-	-	-	33	18.9	-	-	-	39	-	-	-	-
Pond 1	C	18-Apr-07	discharge	Hills	< 0.0001	-	8.17	0.0349	-	0.0044	-	-	6.72	7.07	-	7.8	-	0.055	6.18	45.9	194	21	16.3	-	-	-	23	-	0.002	0.008	-
Pond 1	B	2-May-07	discharge	Hills	-	-	-	-	-	-	-	-	9.28	7.36	-	8.1	-	-	-	-	-	10	17.7	-	-	-	11	-	-	-	-
Pond 1	B	16-May-07	discharge	Hills	-	-	-	-	-	-	-	-	6.02	7.21	-	7.8	-	-	-	-	-	5	15.7	-	-	-	6	-	-	-	-
Pond 1	C	13-Jun-07	discharge	Hills	< 0.0001	-	9.79	0.0007	-	0.0029	-	-	8.48	7.42	-	7.8	-	0.054	5.56	50.9	173	12	13.2	-	-	-	12	-	0.001	0.006	-
Pond 1	B	27-Jun-07	discharge	Hills	-	-	-	-	-	-	-	-	9.38	7.67	-	7.7	-	-	-	-	-	31	8.3	-	-	-	33	-	-	-	-
Pond 1	B	11-Jul-07	discharge	Hills	-	-	-	-	-	-	-	-	10.01	7.46	-	8	-	-	-	-	-	81	11	-	-	-	95	-	-	-	-
Pond 1	B	24-Jul-07	discharge	Hills	-	-	-	-	-	-	-	-	8.11	7.37	-	7.6	-	-	-	-	-	45	10.2	-	-	-	54	-	-	-	-
Pond 1	B	8-Aug-07	discharge	Hills	-	-	-	-	-	-	-	-	8.75	7.44	-	8	-	-	-	-	-	31	11.2	-	-	-	50	-	-	-	-
Pond 1	C	22-Aug-07	pond	Hills	< 0.0001	-	7.68	0.0018	-	0.0036	-	-	6.77	7.29	-	8.1	-	0.058	3.45	29.3	93.3	45	13.1	-	-	-	60	-	0.006	0.018	-
Pond 1	B	5-Sep-07	discharge	Hills	-	-	-	-	-	-	-	-	9.67	7.55	-	7.7	-	-	-	-	-	14	14.3	-	-	-	19	-	-	-	-
Pond 1	B	19-Sep-07	discharge	Hills	-	-	-	-	-	-	-	-	6.06	7.48	-	8.1	-	-	-	-	-	4	16.6	-	-	-	6	-	-	-	-
Pond 1	B	3-Oct-07	pond	Hills	-	-	-	-	-	-	-	-	6.95	7.57	-	7.7	-	-	-	-	-	454	13.9	-	-	-	729	-	-	-	-
Pond 1	C	17-Oct-07	discharge	Hills	< 0.0001	-	7.38	0.0008	-	0.0039	-	-	8.7	7.82	-	8	-	0.062	3.72	28.9	87.3	43	18.4	-	-	-	55	-	0.003	0.013	-
Pond 1	B	31-Oct-07	discharge	Hills	-	-	-	-	-	-	-	-	9.97	7.24	-	8.2	-	-	-	-	-	130	17.6	-	-	-	27	-	-	-	-
Pond 1	B	13-Nov-07	discharge	Hills	-	-	-	-	-	-	-	-	9.14	7.16	-	8	-	-	-	-	-	9.7	19.9	-	-	-	10	-	-	-	-
Pond 1	B	28-Nov-07	discharge	Hills	-	-	-	-	-	-	-	-	7.76	6.99	-	7.9	-	-	-	-	-	8.4	20	-	-	-	10	-	-	-	-
Pond 1	C	5-Dec-07	discharge	Hills	< 0.00010	-	13	0.00063	-	0.0044	-	-	7.45	6.97	-	7.8	-	0.024	4	64	230	7.3	21.1	-	-	-	8	-	0.0013	0.0037	-
Pond 1	B	19-Dec-07	discharge	Hills	-	-	-	-	-	-	-	-	8.38	7.22	-	7.8	-	-	-	-	-	6.6	23.1	-	-	-	7	-	-	-	-
Pond 1	B	9-Jan-08	discharge	Hills	-	-	-	-	-	-	-	-	7.74	6.94	-	7.7	-	-	-	-	-	4.3	23	-	-	-	3	-	-	-	-
Pond 1	B	23-Jan-08	discharge	Hills	-	-	-	-	-	-	-	-	5.38	7.51	-	8	-	-	-	-	-	3.4	23.1	-	-	-	4	-	-	-	-
Pond 1	C	5-Feb-08	discharge	Hills	< 0.00010	-	11	0.00097	-	0.0037	-	-	6.58	7.24	-	7.6	-	0.037	5.4	70	180	< 3.0	21.3	-	-	-	4	-	0.0048	0.0067	-
Pond 1	B	20-Feb-08	discharge	Hills	-	-	-	-	-	-	-	-	5.96	7.9	-	7.8	-	-	-	-	-	4.1	20.3	-	-	-	8	-	-	-	-
Pond 1	B	5-Mar-08	pond	Hills	-	-	-	-	-	-	-	-	7.66	7.58	-	7.2	-	-	-	-	-	5.6	20.4	-	-	-	7	-	-	-	-
Pond 1	B	19-Mar-08	discharge	Hills	-	-	-	-	-	-	-	-	4.08	7.67	-	7.8	-	-	-	-	-	3	23	-	-	-	2	-	-	-	-
Pond 1	B	2-Apr-08	discharge	Hills	-	-	-	-	-	-	-	-	6.48	7.6	-	7.8	-	-	-	-	-	<3.0	20.2	-	-	-	3	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	C	15-Apr-08	discharge	Hills	< 0.00010	-	13	0.001	-	0.0052	-	-	6.76	7.59	-	7.8	-	0.092	5.9	61	220	120	17.6	-	-	-	119	-	0.0038	0.026	-
Pond 1	B	30-Apr-08	discharge	Hills	-	-	-	-	-	-	-	-	6.38	7.71	-	7.8	-	-	-	-	-	39	19.4	-	-	-	46	-	-	-	-
Pond 1	B	14-May-08	discharge	Hills	-	-	-	-	-	-	-	-	6.28	7.03	-	7.6	-	-	-	-	-	24	12.7	-	-	-	42	-	-	-	-
Pond 1	B	28-May-08	discharge	Hills	-	-	-	-	-	-	-	-	10.41	7.82	-	7.9	-	-	-	-	-	7.5	11.7	-	-	-	9	-	-	-	-
Pond 1	Special	3-Jun-08	Check Dam #1	Hills	0.0033	0.099	-	0.15	0.015	0.02	-	1.3	-	-	-	-	-	-	10	-	-	-	-	1.3	<0.011	-	-	<0.021	-	0.043	-
Pond 1	C	11-Jun-08	discharge	Hills	< 0.00010	-	13	0.0038	-	0.0064	-	-	10.34	7.88	-	8	-	0.022	5.7	51	210	< 3.0	11.9	-	-	-	4	-	0.003	0.0039	-
Pond 1	B	25-Jun-08	discharge	Hills	-	-	-	-	-	-	-	-	8.87	8.08	-	8	-	-	-	-	-	31	11.2	-	-	-	54	-	-	-	-
Pond 1	B	9-Jul-08	pond	Hills	-	-	-	-	-	-	-	-	6.91	-	-	7.6	-	-	-	-	-	20	8.3	-	-	-	60	-	-	-	-
Pond 1	B	23-Jul-08	discharge	Hills	-	-	-	-	-	-	-	-	7.51	-	-	7.5	-	-	-	-	-	33	11.7	-	-	-	51	-	-	-	-
Pond 1	B	6-Aug-08	pond	Hills	-	-	-	-	-	-	-	-	3.18	7.02	-	7.3	-	-	-	-	-	56	11.9	-	-	-	74	-	-	-	-
Pond 1	C	20-Aug-08	pond	Hills	< 0.00010	-	7.9	0.0012	-	0.005	-	-	2.85	7.74	-	7.6	-	0.044	3.9	32	72	29	11.1	-	-	-	71	-	0.0051	0.022	-
Pond 1	B	3-Sep-08	discharge	Hills	-	-	-	-	-	-	-	-	2.16	7.62	-	7.8	-	-	-	-	-	33	14.1	-	-	-	49	-	-	-	-
Pond 1	Special	8-Sep-08	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Sep-08	pond	Hills	-	-	-	-	-	-	-	-	2.02	7.62	-	7.5	-	-	-	-	-	5.5	15.5	-	-	-	18	-	-	-	-
Pond 1	B	1-Oct-08	discharge	Hills	-	-	-	-	-	-	-	-	8.65	8.05	-	8	-	-	5.6	-	-	8.9	15.3	-	-	-	10	-	-	-	-
Pond 1	C	15-Oct-08	discharge	Hills	< 0.00010	-	12	0.0021	-	0.0079	-	-	7.67	8.03	-	7.8	-	0.074	5.3	48	120	26	18.6	-	-	-	19	-	0.0022	0.012	-
Pond 1	B	29-Oct-08	discharge	Hills	-	-	-	-	-	-	-	-	6.3	7.88	-	8	-	-	5.6	-	-	18	17.8	-	-	-	20	-	-	-	-
Pond 1	B	11-Nov-08	discharge	Hills	-	-	-	-	-	-	-	-	7.47	7.91	-	8.1	-	-	-	-	-	19	19.4	-	-	-	20	-	-	-	-
Pond 1	B	26-Nov-08	discharge	Hills	-	-	-	-	-	-	-	-	7.96	8.04	-	8.1	-	-	-	-	-	10	21.1	-	-	-	11	-	-	-	-
Pond 1	C	3-Dec-08	discharge	Hills	< 0.00010	-	12	0.00069	-	0.0042	-	-	7.32	7.94	-	8.1	-	0.042	4.7	53	150	7.6	21.3	-	-	-	9	-	< 0.0010	0.0036	-
Pond 1	B	17-Dec-08	pond	Hills	-	-	-	-	-	-	-	-	8.64	7.95	-	7.8	-	-	-	-	-	4.6	22.1	-	-	-	7	-	-	-	-
Pond 1	B	7-Jan-09	pond	Hills	-	-	-	-	-	-	-	-	7.89	7.8	-	7.7	-	-	-	-	-	5.8	22.7	-	-	-	5	-	-	-	-
Pond 1	B	21-Jan-09	discharge	Hills	-	-	-	-	-	-	-	-	7.73	7.86	-	7.7	-	-	-	-	-	< 3.0	20.2	-	-	-	4	-	-	-	-
Pond 1	C	4-Feb-09	pond	Hills	< 0.00010	-	14	< 0.00050	-	0.0029	-	-	9.06	7.82	-	8	-	0.02	5.5	71	250	< 3.0	24.8	-	-	-	4	-	< 0.0010	0.0027	-
Pond 1	B	18-Feb-09	pond	Hills	-	-	-	-	-	-	-	-	7.68	7.46	-	8	-	-	-	-	-	< 3.0	24	-	-	-	3	-	-	-	-
Pond 1	B	4-Mar-09	discharge	Hills	-	-	-	-	-	-	-	-	6.29	7.45	-	7.8	-	-	-	-	-	25	21.2	-	-	-	24	-	-	-	-
Pond 1	B	18-Mar-09	discharge	Hills	-	-	-	-	-	-	-	-	7.77	7.7	-	7.8	-	-	-	-	-	4.6	20.4	-	-	-	4	-	-	-	-
Pond 1	C	1-Apr-09	discharge	Hills	< 0.00010	-	12	< 0.00050	-	0.0033	-	-	7.82	7.75	-	8	-	0.02	6.4	52	190	5.1	18.4	-	-	-	5	-	0.0022	0.0059	-
Pond 1	B	15-Apr-09	discharge	Hills	-	-	-	-	-	-	-	-	8.44	7.64	-	8	-	-	-	-	-	4	16	-	-	-	4	-	-	-	-
Pond 1	B	29-Apr-09	discharge	Hills	-	-	20	-	-	-	-	-	7.36	7.88	-	7.9	-	-	-	-	-	< 3.0	18.7	-	-	-	4	-	-	-	-
Pond 1	F	30-Apr-09	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0081	-	-
Pond 1	B	12-May-09	discharge	Hills	-	-	-	-	-	-	-	-	7.48	7.29	-	7.7	-	-	-	-	-	43	11.6	-	-	-	42	-	-	-	-
Pond 1	B	27-May-09	discharge	Hills	-	-	-	-	-	-	-	-	9.08	7.37	-	8	-	-	-	-	-	12	11	-	-	-	14	-	-	-	-
Pond 1	C	10-Jun-09	discharge	Hills	0.00018	-	10	0.032	-	0.0049	-	-	8.75	7.69	-	7.6	-	0.15	4.7	35	150	210	13	-	-	-	225	-	0.038	0.17	-
Pond 1	B	24-Jun-09	discharge	Hills	-	-	-	-	-	-	-	-	4.25	7.39	-	7.6	-	-	-	-	-	34	7	-	-	-	34	-	-	-	-
Pond 1	B	8-Jul-09	discharge	Hills	-	-	-	-	-	-	-	-	4.08	7.37	-	7.6	-	-	-	-	-	46	10.6	-	-	-	65	-	-	-	-
Pond 1	B	22-Jul-09	pond	Hills	-	-	-	-	-	-	-	-	3	7.51	-	7.6	-	-	-	-	-	41	13.6	-	-	-	75	-	-	-	-
Pond 1	C	5-Aug-09	discharge	Hills	< 0.00010	-	9.8	0.031	-	0.0058	-	-	9.71	7.48	-	7.9	-	0.023	5.5	37	91	8.7	-	-	-	-	13	-	0.0053	0.0099	-
Pond 1	B	18-Aug-09	discharge	Hills	-	-	-	-	-	-	-	-	6.08	7.6	-	7.8	-	-	-	-	-	21	14.2	-	-	-	23	-	-	-	-
Pond 1	B	2-Sep-09	pond	Hills	-	-	-	-	-	-	-	-	8.7	8.02	-	8	-	-	-	-	-	58	13.9	-	-	-	67	-	-	-	-
Pond 1	B	15-Sep-09	discharge	Hills	-	-	-	-	-	-	-	-	8.72	7.88	-	7.9	-	-	-	-	-	14	16.1	-	-	-	13	-	-	-	-
Pond 1	C	30-Sep-09	discharge	Hills	< 0.00010	-	9.8	0.0019	-	0.0041	-	-	7.94	7.72	-	7.8	-	0.063	4.3	35	150	45	15.9	-	-	-	50	-	0.0094	0.036	-
Pond 1	B	14-Oct-09	discharge	Hills	-	-	-	-	-	-	-	-	8.81	7.84	-	7.9	-	-	-	-	-	29	15.6	-	-	-	27	-	-	-	-
Pond 1	B	28-Oct-09	discharge	Hills	-	-	-	-	-	-	-	-	8.66	8.04	-	8	-	-	-	-	-	7	15.4	-	-	-	11	-	-	-	-
Pond 1	B	10-Nov-09	discharge	Hills	-	-	-	-	-	-	-	-	7.95	7.95	-	8	-	-	-	-	-	26	17.7	-	-	-	24	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	25-Nov-09	discharge	Hills	-	-	-	-	-	-	-	-	6.55	8.04	-	7.9	-	-	-	-	-	23	17.2	-	-	-	23	-	-	-	-
Pond 1	C	2-Dec-09	pond	Hills	< 0.00010	-	12	0.056	-	0.0047	-	-	5.94	7.86	-	7.7	-	0.013	5.5	53	170	34	22.1	-	-	-	36	-	0.0038	0.021	-
Pond 1	B	16-Dec-09	discharge	Hills	-	-	-	-	-	-	-	-	6.97	7.68	-	7.7	-	-	-	-	-	33	20.5	-	-	-	37	-	-	-	-
Pond 1	B	8-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	-	8.11	-	8.1	-	-	-	-	-	60	22.5	-	-	-	63	-	-	-	-
Pond 1	B	20-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	4.51	7.69	-	7.5	-	-	-	-	-	76	24.1	-	-	-	81	-	-	-	-
Pond 1	C	3-Feb-10	pond	Hills	< 0.00010	-	12	0.0027	-	0.0039	-	-	10.28	7.86	-	7.8	-	0.06	7.8	60	240	40	25.4	-	-	-	41	-	0.0053	0.018	-
Pond 1	B	17-Feb-10	pond	Hills	-	-	-	-	-	-	-	-	5.76	7.56	-	7.8	-	-	-	-	-	4.6	24.7	-	-	-	10	-	-	-	-
Pond 1	B	26-May-10	pond	Hills	-	-	-	-	-	-	-	-	6.55	7.49	-	7.1	-	-	-	-	-	69	13.6	-	-	-	72	-	-	-	-
Pond 1	C	9-Jun-10	pond	Hills	< 0.00010	-	13.4	0.0179	-	0.0068	-	-	5.19	7.41	-	7.5	-	0.06	5.8	56	230	39	12.9	-	-	-	54	-	0.044	0.071	-
Pond 1	B	23-Jun-10	discharge	Hills	-	-	-	-	-	-	-	-	6.32	7.59	-	7.6	-	-	-	-	-	17	12.2	-	-	-	27	-	-	-	-
Pond 1	B	7-Jul-10	discharge	Hills	-	-	-	-	-	-	-	-	6.9	7.72	-	7.4	-	-	-	-	-	70	11	-	-	-	94	-	-	-	-
Pond 1	B	21-Jul-10	discharge	Hills	-	-	-	-	-	-	-	-	6.1	7.29	-	7.4	-	-	-	-	-	22	10.8	-	-	-	28	-	-	-	-
Pond 1	C	4-Aug-10	discharge	Hills	< 0.00010	-	10.7	0.058	-	0.0056	-	-	6.25	7.21	-	7.7	-	-	4.7	45	149	36	13.3	-	-	-	43	-	0.033	0.056	-
Pond 1	B	18-Aug-10	discharge	Hills	-	-	-	-	-	-	-	-	6.69	7.18	-	7.7	-	-	-	-	-	30	13.2	-	-	-	9	-	-	-	-
Pond 1	B	1-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	7.29	7.2	-	7.6	-	-	-	-	-	32	13.4	-	-	-	39	-	-	-	-
Pond 1	B	14-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	6.15	7.46	-	7.6	-	-	-	-	-	37	15.3	-	-	-	49	-	-	-	-
Pond 1	C	28-Sep-10	discharge	Hills	< 0.00010	-	10.9	0.0144	-	0.0061	-	-	7.02	7.3	-	7.9	-	-	4.1	45	164	25	16.1	-	-	-	34	-	0.045	0.074	-
Pond 1	B	13-Oct-10	discharge	Hills	-	-	-	-	-	-	-	-	8.88	7.55	-	7.9	-	-	-	-	-	7	14.6	-	-	-	8	-	-	-	-
Pond 1	B	27-Oct-10	discharge	Hills	-	-	-	-	-	-	-	-	7.42	7.81	-	7.8	-	-	-	-	-	7	19.7	-	-	-	7	-	-	-	-
Pond 1	B	10-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	9.01	7.82	-	8.1	-	-	-	-	-	13	22.1	-	-	-	10	-	-	-	-
Pond 1	B	24-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	8.34	7.78	-	8	-	-	-	-	-	9	20.7	-	-	-	8	-	-	-	-
Pond 1	C	1-Dec-10	pond	Hills	< 0.00010	-	14	< 0.0005	-	0.0038	-	-	9.26	7.81	-	7.9	-	-	3.7	58	210	7	23.6	-	-	-	8	-	0.0039	0.0072	-
Pond 1	B	15-Dec-10	pond	Hills	-	-	-	-	-	-	-	-	9.25	7.7	-	7.8	-	-	-	-	-	7	25.7	-	-	-	7	-	-	-	-
Pond 1	B	5-Jan-11	pond	Hills	-	-	-	-	-	-	-	-	6.7	7.4	-	7.7	-	-	-	-	-	3	27.3	-	-	-	1	-	-	-	-
Pond 1	B	19-Jan-11	discharge	Hills	-	-	-	-	-	-	-	-	6.58	7.12	-	7.5	-	-	-	-	-	< 3	25.1	-	-	-	3	-	-	-	-
Pond 1	C	2-Feb-11	discharge	Hills	0.00084	-	10.3	0.146	-	0.0044	-	-	6.59	7.27	-	7.4	-	-	5.8	41	177	14	23.4	-	-	-	18	-	0.0126	0.0116 #1	-
Pond 1	B	16-Feb-11	discharge	Hills	-	-	-	-	-	-	-	-	5.25	7.38	-	7	-	-	-	-	-	4	24.4	-	-	-	10	-	-	-	-
Pond 1	B	2-Mar-11	discharge	Hills	-	-	-	-	-	-	-	-	4.62	6.9	-	7.4	-	-	-	-	-	<5	22.3	-	-	-	4	-	-	-	-
Pond 1	B	16-Mar-11	discharge	Hills	-	-	-	-	-	-	-	-	6.06	6.96	-	7.3	-	-	-	-	-	< 3	20.5	-	-	-	3	-	-	-	-
Pond 1	C	30-Mar-11	discharge	Hills	< 0.00010	-	8.8	0.0141	-	0.0026	-	-	6.01	7.25	-	7.5	-	-	5.9	44	187	4	19.4	-	-	-	5	-	0.0028	0.0067	-
Pond 1	B	13-Apr-11	pond	Hills	-	-	-	-	-	-	-	-	6.92	7.25	-	6.9	-	-	-	-	-	3	19.7	-	-	-	3	-	-	-	-
Pond 1	B	27-Apr-11	discharge	Hills	-	-	-	-	-	-	-	-	-	7.02	-	7.6	-	-	-	-	-	9	16.6	-	-	-	10	-	-	-	-
Pond 1	B	11-May-11	discharge	Hills	-	-	-	-	-	-	-	-	5.68	7.23	-	7.5	-	-	-	-	-	9	16.3	-	-	-	10	-	-	-	-
Pond 1	B	25-May-11	pond	Hills	-	-	-	-	-	-	-	-	4.25	7.14	-	7.6	-	-	-	-	-	5	14	-	-	-	6	-	-	-	-
Pond 1	C	8-Jun-11	discharge	Hills	< 0.00010	-	13.2	0.025	-	0.0068	-	-	5.7	7.19	-	8	-	-	6.5	52	187	7	14.1	-	-	-	9	-	0.0097	0.0142	-
Pond 1	B	22-Jun-11	discharge	Hills	-	-	-	-	-	-	-	-	6.68	7.24	-	7.7	-	-	-	-	-	10	13.9	-	-	-	6	-	-	-	-
Pond 1	B	6-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	8.25	7.41	-	7.3	-	-	-	-	-	8	11.1	-	-	-	10	-	-	-	-
Pond 1	B	20-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	6.66	7.35	-	7.6	-	-	-	-	-	25	10.4	-	-	-	25	-	-	-	-
Pond 1	C	3-Aug-11	discharge	Hills	< 0.00010	-	9.9	0.56	-	0.0074	-	-	4.1	7.45	-	7.6	-	-	4.7	40	117	12	11.2	-	-	-	12	-	0.0119	0.026	-
Pond 1	B	17-Aug-11	discharge	Hills	-	-	-	-	-	-	-	-	6.62	7.44	-	7.7	-	-	-	-	-	39	9.1	-	-	-	42	-	-	-	-
Pond 1	B	31-Aug-11	discharge	Hills	-	-	-	-	-	-	-	-	8.76	7.73	-	7.9	-	-	-	-	-	6	15.1	-	-	-	-	-	-	-	-
Pond 1	B	14-Sep-11	discharge	Hills	-	-	-	-	-	-	-	-	9.67	8.1	-	7.8	-	-	-	-	-	4	13.6	-	-	-	4	-	-	-	-
Pond 1	C	28-Sep-11	discharge	Hills	< 0.00010	-	15	0.127	-	0.0058	-	-	5.44	7.8	-	7.8	-	-	6	71	240	9	14.8	-	-	-	8	-	0.006	0.0123	-
Pond 1	B	12-Oct-11	discharge	Hills	-	-	-	-	-	-	-	-	6.94	7.49	-	7.6	-	-	-	-	-	3	18.1	-	-	-	4	-	-	-	-
Pond 1	B	26-Oct-11	discharge	Hills	-	-	-	-	-	-	-	-	6.14	7.6	-	7.7	-	-	-	-	-	6	18.9	-	-	-	7	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	9-Nov-11	discharge	Hills	-	-	-	-	-	-	-	-	8.7	7.77	-	7.8	-	-	-	-	-	< 3	20.2	-	-	-	3	-	-	-	-
Pond 1	B	22-Nov-11	discharge	Hills	-	-	-	-	-	-	-	-	6.9	7.65	-	7.9	-	-	-	-	-	< 3	19.6	-	-	-	2	-	-	-	-
Pond 1	C	30-Nov-11	discharge	Hills	< 0.00010	-	16	< 0.0005	-	0.0028	-	-	5.25	7.75	-	7.9	-	-	5.7	65	230	< 3	19.7	-	-	-	2	-	0.0024	0.0046	-
Pond 1	B	14-Dec-11	discharge	Hills	-	-	-	-	-	-	-	-	6.35	7.75	-	7.9	-	-	-	-	-	< 3	20.9	-	-	-	3	-	-	-	-
Pond 1	B	9-Jan-12	discharge	Hills	-	-	-	-	-	-	-	-	5.41	7.31	-	7.4	-	-	-	-	-	4	21.8	-	-	-	3	-	-	-	-
Pond 1	B	18-Jan-12	discharge	Hills	-	-	-	-	-	-	-	-	6.85	7.43	-	7.7	-	-	-	-	-	3	22.5	-	-	-	2	-	-	-	-
Pond 1	C	1-Feb-12	discharge	Hills	< 0.00010	-	14.1	< 0.0005	-	0.0028	-	-	10	7.45	-	7.8	-	-	6.7	62	270	< 3	22.8	-	-	-	1	-	0.0016	0.0027	-
Pond 1	B	15-Feb-12	discharge	Hills	-	-	-	-	-	-	-	-	7.29	7.6	-	7.7	-	-	-	-	-	5	22.9	-	-	-	2	-	-	-	-
Pond 1	B	29-Feb-12	discharge	Hills	-	-	-	-	-	-	-	-	5.94	7.25	-	7.4	-	-	-	-	-	< 3	21.8	-	-	-	2	-	-	-	-
Pond 1	B	14-Mar-12	discharge	Hills	-	-	-	-	-	-	-	-	3.65	7.08	-	6.8	-	-	-	-	-	< 3	20.9	-	-	-	7	-	-	-	-
Pond 1	Special	28-Mar-12	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C + TPH	28-Mar-12	discharge	Hills	< 0.00010	-	11.5	0.072	-	0.0038	-	-	5.64	7.48	-	7.8	-	-	5.7	45	188	4	17.8	-	-	-	6	-	0.0039	0.0068	-
Pond 1	B	11-Apr-12	discharge	Hills	-	-	-	-	-	-	-	-	8.1	7.38	-	7.8	-	-	-	-	-	< 3	18.1	-	-	-	2	-	-	-	-
Pond 1	B	23-Apr-12	discharge	Hills	-	-	-	-	-	-	-	-	6.72	7.46	-	7.8	-	-	-	-	-	4	16.2	-	-	-	2	-	-	-	-
Pond 1	B	9-May-12	discharge	Hills	-	-	-	-	-	-	-	-	7.05	7.49	-	7.9	-	-	-	-	-	7	15.1	-	-	-	10	-	-	-	-
Pond 1	B	23-May-12	discharge	Hills	-	-	-	-	-	-	-	-	8.3	7.2	-	7.6	-	-	-	-	-	3	11.5	-	-	-	4	-	-	-	-
Pond 1	C	6-Jun-12	discharge	Hills	< 0.00010	-	15.5	0.044	-	0.0035	-	-	10.11	7.4	-	7.7	-	-	6.6	59	260	< 3	12.3	-	-	-	2	-	0.0049	0.0058	-
Pond 1	B	20-Jun-12	discharge	Hills	-	-	-	-	-	-	-	-	9.45	7.7	-	7.8	-	-	-	-	-	< 3	9.2	-	-	-	3	-	-	-	-
Pond 1	B	4-Jul-12	discharge	Hills	-	-	-	-	-	-	-	-	9.59	7.62	-	7.8	-	-	-	-	-	73	10.5	-	-	-	77	-	-	-	-
Pond 1	B	18-Jul-12	discharge	Hills	-	-	-	-	-	-	-	-	7.81	7.25	-	7.7	-	-	-	-	-	13	10.4	-	-	-	14	-	-	-	-
Pond 1	C	1-Aug-12	pond	Hills	< 0.00010	-	8.4	0.0048	-	0.0041	-	-	3.91	7.71	-	7.8	-	-	3.9	34	124	171	11.7	-	-	-	174	-	0.0072	0.042	-
Pond 1	B	15-Aug-12	discharge	Hills	-	-	-	-	-	-	-	-	6.7	7.51	-	7.7	-	-	-	-	-	44	12	-	-	-	51	-	-	-	-
Pond 1	B	29-Aug-12	pond	Hills	-	-	-	-	-	-	-	-	0.51	7.38	-	7.6	-	-	-	-	-	10	12.6	-	-	-	17	-	-	-	-
Pond 1	B	12-Sep-12	discharge	Hills	-	-	-	-	-	-	-	-	5.21	7.56	-	7.7	-	-	-	-	-	33	12.8	-	-	-	34	-	-	-	-
Pond 1	C	26-Sep-12	discharge	Hills	< 0.00010	-	11.2	0.049	-	0.0064	-	-	6.01	7.35	-	7.7	-	-	4.9	45	160	15	15.6	-	-	-	13	-	0.0027	0.0069	-
Pond 1	B	10-Oct-12	discharge	Hills	-	-	-	-	-	-	-	-	8.35	7.82	-	7.9	-	-	-	-	-	7	15.9	-	-	-	7	-	-	-	-
Pond 1	B	24-Oct-12	discharge	Hills	-	-	-	-	-	-	-	-	7.45	7.83	-	7.9	-	-	-	-	-	3	15.3	-	-	-	4	-	-	-	-
Pond 1	B	7-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	9.28	8.09	-	8	-	-	-	-	-	4	19.2	-	-	-	5	-	-	-	-
Pond 1	B	21-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	8.76	7.99	-	7.8	-	-	-	-	-	3	19.7	-	-	-	3	-	-	-	-
Pond 1	C	5-Dec-12	discharge	Hills	0.0001	-	10.3	0.0005	-	0.0036	-	-	7.18	7.9	-	7.9	-	-	4.9	57	172	3	19.8	-	-	-	2	-	0.002	0.0035	-
Pond 1	B	19-Dec-12	discharge	Hills	-	-	-	-	-	-	-	-	4.33	7.82	-	7.9	-	-	-	-	-	3	22.6	-	-	-	3	-	-	-	-
Pond 1	B	9-Jan-13	pond	Hills	-	-	-	-	-	-	-	-	6.85	7.54	-	7.6	-	-	-	-	-	3	22.5	-	-	-	2	-	-	-	-
Pond 1	C	23-Jan-13	discharge	Hills	0.0001	-	13.3	0.0005	-	0.0025	-	-	5.54	7.87	-	8	-	-	5	57	200	3	21.5	-	-	-	1	-	0.001	0.0022	-
Pond 1	B	5-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	6.08	7.76	-	7.8	-	-	-	-	-	3	24.1	-	-	-	2	-	-	-	-
Pond 1	B	20-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	7.48	7.68	-	7.7	-	-	-	-	-	3	25.5	-	-	-	6	-	-	-	-
Pond 1	B	6-Mar-13	pond	Hills	-	-	-	-	-	-	-	-	5.51	7.56	-	7.6	-	-	-	-	-	6	21.3	-	-	-	6	-	-	-	-
Pond 1	C	20-Mar-13	pond	Hills	*0.0001*	-	13.6	0.0011	-	0.0035	-	-	5.85	7.75	-	7.8	-	-	5.9	69	189	11	20.1	-	-	-	8	-	0.001	0.0036	-
Pond 1	B	3-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	7.88	7.74	-	7.8	-	-	-	-	-	6	20.4	-	-	-	6	-	-	-	-
Pond 1	B	17-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	7	7.83	-	7.8	-	-	-	-	-	6	18.8	-	-	-	5	-	-	-	-
Pond 1	B	1-May-13	pond	Hills	-	-	-	-	-	-	-	-	3.84	7.11	-	7.5	-	-	-	-	-	5	17	-	-	-	6	-	-	-	-
Pond 1	B	15-May-13	discharge	Hills	-	-	-	-	-	-	-	-	2.49	7.39	-	7.4	-	-	-	-	-	20	11.8	-	-	-	40	-	-	-	-
Pond 1	C	29-May-13	discharge	Hills	*0.0001*	-	15.8	0.0183	-	0.0086	-	-	5.72	7.47	-	7.5	-	-	6.9	71	250	42	11.1	-	-	-	38	-	0.03	0.148	-
Pond 1	B	12-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	4.58	7.52	-	7.5	-	-	-	-	-	55	12.2	-	-	-	60	-	-	-	-
Pond 1	B	26-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	4.25	7.5	-	7.7	-	-	-	-	-	51	10	-	-	-	42	-	-	-	-
Pond 1	B	10-Jul-13	discharge	Hills	-	-	-	-	-	-	-	-	5.75	7.64	-	7.8	-	-	-	-	-	20	10	-	-	-	40	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	C	24-Jul-13	discharge	Hills	*0.0001*	-	18.6	0.039	-	0.0112	-	-	7.8	7.55	-	7.8	-	-	7.3	72	250	9	10.8	-	-	-	9	-	0.0191	0.051	-
Pond 1	B	6-Aug-13	pond	Hills	-	-	-	-	-	-	-	-	19.47	8.36	-	8.2	-	-	-	-	-	8	16	-	-	-	7	-	-	-	-
Pond 1	B	22-Aug-13	discharge	Hills	-	-	-	-	-	-	-	-	8.61	7.51	-	7.8	-	-	-	-	-	48	13.2	-	-	-	53	-	-	-	-
Pond 1	B	3-Sep-13	discharge	Hills	-	-	-	-	-	-	-	-	3.71	7.52	-	7.6	-	-	-	-	-	12	13.2	-	-	-	13	-	-	-	-
Pond 1	C	18-Sep-13	discharge	Hills	*0.0001*	-	9.6	0.031	-	0.0057	-	-	6.01	7.63	-	7.8	-	-	4	38	124	39	13.7	-	-	-	48	-	0.027	0.119	-
Pond 1	B	2-Oct-13	discharge	Hills	-	-	-	-	-	-	-	-	10.94	7.86	-	7.8	-	-	-	-	-	134	17	-	-	-	136	-	-	-	-
Pond 1	B	16-Oct-13	discharge	Hills	-	-	-	-	-	-	-	-	9.75	8.31	-	8.2	-	-	-	-	-	20	17.6	-	-	-	21	-	-	-	-
Pond 1	B	30-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	9.38	7.77	-	8	-	-	-	-	-	9	21.5	-	-	-	8	-	-	-	-
Pond 1	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	9.38	7.77	-	-	-	-	-	-	-	-	21.5	-	-	-	8	-	-	-	-
Pond 1	B	12-Nov-13	pond	Hills	-	-	-	-	-	-	-	-	6.85	7.7	-	7.8	-	-	-	-	-	4	20.4	-	-	-	5	-	-	-	-
Pond 1	C	26-Nov-13	pond	Hills	*0.0001*	-	12	*0.0005*	-	0.0046	-	-	6.95	7.88	-	7.8	-	-	5.3	53	137	*3*	26.2	-	-	-	4	-	0.0061	0.02	-
Pond 1	B	18-Dec-13	discharge	Hills	-	-	-	-	-	-	-	-	4.2	7.32	-	7.7	-	-	-	-	-	*3*	21.1	-	-	-	2	-	-	-	-
Pond 1	B	3-Jan-14	discharge	Hills	-	-	-	-	-	-	-	-	5.61	7.31	-	7.6	-	-	-	-	-	*3*	23.9	-	-	-	2	-	-	-	-
Pond 1	C	14-Jan-14	discharge	Hills	*0.0001*	-	17.3	0.0019	-	0.0031	-	-	4.2	7.42	-	7.8	-	-	7.3	70	290	*4*	19	-	-	-	3	-	0.041	0.024	-
Pond 1	B	30-Jan-14	pond	Hills	-	-	-	-	-	-	-	-	5.19	7.89	-	7.8	-	-	-	-	-	*3*	22.8	-	-	-	4	-	-	-	-
Pond 1	B	13-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	6.91	7.57	-	7.8	-	-	-	-	-	*5*	22.3	-	-	-	4	-	-	-	-
Pond 1	B	27-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	10.73	7.94	-	7.8	-	-	-	-	-	3	22.6	-	-	-	3	-	-	-	-
Pond 1	C	11-Mar-14	pond	Hills	*0.0001*	-	17.8	*0.0005*	-	0.0036	-	-	11.55	7.85	-	8	-	-	6.5	80	320	4	20.7	-	-	-	4	-	0.003	0.0058	-
Pond 1	B	25-Mar-14	pond	Hills	-	-	-	-	-	-	-	-	10.24	7.2	-	8	-	-	-	-	-	9	20.6	-	-	-	5	-	-	-	-
Pond 1	B	9-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	13.48	8.4	-	8.4	-	-	-	-	-	4	20.7	-	-	-	4	-	-	-	-
Pond 1	B	28-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	9.56	7.46	-	7.8	-	-	-	-	-	*3*	17.7	-	-	-	2	-	-	-	-
Pond 1	B	6-May-14	discharge	Hills	-	-	-	-	-	-	-	-	10.04	7.8	-	7.9	-	-	-	-	-	*3*	14.6	-	-	-	2	-	-	-	-
Pond 1	C	21-May-14	discharge	Hills	*0.0001*	-	15.3	0.0047	-	0.0039	-	-	10.75	7.46	-	7.8	-	-	7.1	70	250	*3*	14.2	-	-	-	2	-	0.0055	0.0072	-
Pond 1	B	4-Jun-14	discharge	Hills	-	-	-	-	-	-	-	-	9.31	7.63	-	7.8	-	-	-	-	-	*3*	13.3	-	-	-	4	-	-	-	-
Pond 1	B	18-Jun-14	discharge	Hills	-	-	-	-	-	-	-	-	8.82	7.69	-	7.7	-	-	-	-	-	17	14.6	-	-	-	17	-	-	-	-
Pond 1	B	2-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	7.92	7.73	-	7.8	-	-	-	-	-	27	12.8	-	-	-	38	-	-	-	-
Pond 1	C	15-Jul-14	discharge	Hills	*0.0001*	-	11.6	0.034	-	0.0066	-	-	4.1	7.65	-	7.9	-	-	5.9	49	167	29	12.5	-	-	-	42	-	0.036	0.191	-
Pond 1	B	30-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	5.81	7.43	-	7.7	-	-	-	-	-	5	11.1	-	-	-	7	-	-	-	-
Pond 1	B	14-Aug-14	discharge	Hills	-	-	-	-	-	-	-	-	8.41	7.53	-	7.8	-	-	-	-	-	7	10.9	-	-	-	8	-	-	-	-
Pond 1	B	25-Aug-14	discharge	Hills	-	-	-	-	-	-	-	-	5.51	7.32	-	7.7	-	-	-	-	-	10	13.2	-	-	-	12	-	-	-	-
Pond 1	B	11-Sep-14	discharge	Hills	-	-	-	-	-	-	-	-	4.18	7.5	-	7.7	-	-	-	-	-	10	16.4	-	-	-	12	-	-	-	-
Pond 1	C	23-Sep-14	discharge	Hills	*0.0001*	-	13.1	0.192	-	0.0073	-	-	4.33	7.6	-	7.8	-	-	6.7	54	145	9	14.4	-	-	-	10	-	0.0113	0.06	-
Pond 1	B	7-Oct-14	discharge	Hills	-	-	-	-	-	-	-	-	7.34	7.75	-	7.8	-	-	-	-	-	10	17.2	-	-	-	11	-	-	-	-
Pond 1	B	16-Oct-14	pond	Hills	-	-	-	-	-	-	-	-	5.78	7.44	-	7.8	-	-	-	-	-	15	21.3	-	-	-	12	-	-	-	-
Pond 1	B	4-Nov-14	discharge	Hills	-	-	-	-	-	-	-	-	6.17	7.53	-	7.7	-	-	-	-	-	11	19.2	-	-	-	11	-	-	-	-
Pond 1	C	19-Nov-14	discharge	Hills	*0.0001*	-	15.2	0.032	-	0.0071	-	-	7.84	7.72	-	7.8	-	-	7.8	61	194	8	20.1	-	-	-	7	-	0.007	0.0175	-
Pond 1	B	1-Dec-14	discharge	Hills	-	-	-	-	-	-	-	-	6.31	7.86	-	7.9	-	-	-	-	-	4	20.2	-	-	-	3	-	-	-	-
Pond 1	B	18-Dec-14	discharge	Hills	-	-	-	-	-	-	-	-	7.45	7.43	-	7.7	-	-	-	-	-	72	21	-	-	-	68	-	-	-	-
Pond 1	B	5-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	5.3	7.02	-	7.5	-	-	-	-	-	7	27.8	-	-	-	4	-	-	-	-
Pond 1	C	19-Jan-15	pond	Hills	*0.0001*	-	15.3	*0.0005*	-	0.0033	-	-	6.94	7.6	-	7.7	-	-	6.2	79	230	6	29.7	-	-	-	6	-	0.0045	0.0114	-
Pond 1	B	29-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	5.5	7.44	-	7.7	-	-	-	-	-	5	27.6	-	-	-	4	-	-	-	-
Pond 1	B	10-Feb-15	discharge	Hills	-	-	-	-	-	-	-	-	6.38	7.4	-	8	-	-	-	-	-	4	22.7	-	-	-	3	-	-	-	-
Pond 1	B	24-Feb-15	discharge	Hills	-	-	-	-	-	-	-	-	6.69	7.3	-	7.9	-	-	-	-	-	*3*	23.1	-	-	-	2	-	-	-	-
Pond 1	C	12-Mar-15	pond	Hills	*0.0001*	-	17.4	0.0025	-	0.0069	-	-	8.36	7.5	-	7.9	-	-	7.3	88	200	44	22.6	-	-	-	40	-	0.0081	0.037	-
Pond 1	B	26-Mar-15	pond	Hills	-	-	-	-	-	-	-	-	5.86	7.45	-	7.7	-	-	-	-	-	3	21.1	-	-	-	5	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	9-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	4.2	7.31	-	7.6	-	-	-	-	-	3	21.3	-	-	-	3	-	-	-	-
Pond 1	B	21-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	9.2	7.43	-	7.8	-	-	-	-	-	18	20.5	-	-	-	3	-	-	-	-
Pond 1	B	6-May-15	pond	Hills	-	-	-	-	-	-	-	-	6.85	7.41	-	7.8	-	-	-	-	-	25	15.6	-	-	-	23	-	-	-	-
Pond 1	C	19-May-15	discharge	Hills	0.00021	-	17.7	0.0064	-	0.0051	-	-	9.22	7.41	-	7.5	-	-	8.3	91	320	7	14.7	-	-	-	6	-	0.035	0.04	-
Pond 1	B	3-Jun-15	pond	Hills	-	-	-	-	-	-	-	-	10.9	7.62	-	7.8	-	-	-	-	-	50	14.2	-	-	-	33	-	-	-	-
Pond 1	B	16-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	9.91	7.51	-	7.8	-	-	-	-	-	17	10.3	-	-	-	17	-	-	-	-
Pond 1	B	29-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	11.4	7.57	-	7.9	-	-	-	-	-	3	12.1	-	-	-	7	-	-	-	-
Pond 1	C	14-Jul-15	discharge	Hills	*0.0001*	-	15.7	0.015	-	0.0051	-	-	12.5	7.63	-	8	-	-	7.2	70	240	12	8.6	-	-	-	13	-	0.0188	0.031	-
Pond 1	B	30-Jul-15	discharge	Hills	-	-	-	-	-	-	-	-	10.1	7.57	-	8	-	-	-	-	-	17	12	-	-	-	25	-	-	-	-
Pond 1	B	12-Aug-15	discharge	Hills	-	-	-	-	-	-	-	-	10.39	7.28	-	7.8	-	-	-	-	-	17	10.7	-	-	-	41	-	-	-	-
Pond 1	B	24-Aug-15	discharge	Hills	-	-	-	-	-	-	-	-	10.31	7.9	-	7.6	-	-	-	-	-	10	13.7	-	-	-	18	-	-	-	-
Pond 1	B	8-Sep-15	discharge	Hills	-	-	-	-	-	-	-	-	6.6	7.5	-	7.5	-	-	-	-	-	50	13.5	-	-	-	56	-	-	-	-
Pond 1	C	22-Sep-15	discharge	Hills	*0.0001*	-	10.6	0.077	-	0.0057	-	-	6.85	7.66	-	7.9	-	-	5.2	44	135	10	14.5	-	-	-	13	-	0.02	0.033	-
Pond 1	B	8-Oct-15	discharge	Hills	-	-	-	-	-	-	-	-	6.81	7.8	-	8	-	-	-	-	-	5	18.2	-	-	-	3	-	-	-	-
Pond 1	B	21-Oct-15	discharge	Hills	-	-	-	-	-	-	-	-	5.09	7.82	-	8.1	-	-	-	-	-	5	16.5	-	-	-	4	-	-	-	-
Pond 1	B	4-Nov-15	discharge	Hills	-	-	-	-	-	-	-	-	5.33	7.96	-	8	-	-	-	-	-	5	17.4	-	-	-	4	-	-	-	-
Pond 1	C	17-Nov-15	discharge	Hills	*0.0001*	-	12.3	0.0006	-	0.0049	-	-	6.83	7.92	-	7.8	-	-	5.3	58	170	4	20	-	-	-	5	-	0.0135	0.02	-
Pond 1	B	30-Nov-15	discharge	Hills	-	-	-	-	-	-	-	-	6.23	7.61	-	8	-	-	-	-	-	3	23.8	-	-	-	3	-	-	-	-
Pond 1	B	15-Dec-15	discharge	Hills	-	-	-	-	-	-	-	-	9.24	8.42	-	8.6	-	-	-	-	-	3	20.4	-	-	-	3	-	-	-	-
Pond 1	B	5-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	5.62	7.84	-	7.7	-	-	-	-	-	4	24.3	-	-	-	2	-	-	-	-
Pond 1	C	20-Jan-16	discharge	Hills	*0.0001*	-	13	0.001	-	0.0044	-	-	5.83	7.7	-	7.8	-	-	6.6	67	194	3	23.1	-	-	-	5	-	0.0061	0.0172	-
Pond 1	B	27-Jan-16	discharge	Hills	-	-	-	-	-	-	-	-	4.54	7.71	-	7.9	-	-	-	-	-	3	24.5	-	-	-	1	-	-	-	-
Pond 1	B	9-Feb-16	discharge	Hills	-	-	-	-	-	-	-	-	4.71	7.48	-	7.7	-	-	-	-	-	3	25.9	-	-	-	2	-	-	-	-
Pond 1	B	24-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	5.86	7.49	-	7.7	-	-	-	-	-	3	25.3	-	-	-	4	-	-	-	-
Pond 1	C	9-Mar-16	discharge	Hills	*0.0001*	-	15.6	0.0007	-	0.0037	-	-	6.44	7.77	-	7.8	-	-	9.2	80	260	3	22.6	-	-	-	2	-	0.004	0.0062	-
Pond 1	B	23-Mar-16	pond	Hills	-	-	-	-	-	-	-	-	5.77	7.6	-	7.8	-	-	-	-	-	3	22.9	-	-	-	2	-	-	-	-
Pond 1	B	6-Apr-16	discharge	Hills	-	-	-	-	-	-	-	-	5.76	7.36	-	7.9	-	-	-	-	-	3	18	-	-	-	2	-	-	-	-
Pond 1	B	3-May-16	discharge	Hills	-	-	-	-	-	-	-	-	8.28	6.17	-	7.8	-	-	-	-	-	3	16.5	-	-	-	74	-	-	-	-
Pond 1	C	18-May-16	pond	Hills	*0.0001*	-	17.3	*0.004*	-	0.0043	-	-	5.8	7.1	-	7.7	-	-	10	97	-	3	17	-	-	-	2	-	0.0036	0.0045	-
Pond 1	B	3-Jun-16	discharge	Hills	-	-	-	-	-	-	-	-	5.3	7.3	-	7.6	-	-	-	-	-	4	13	-	-	-	9	-	-	-	-
Pond 1	B	18-Jun-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.41	-	8	-	-	-	-	-	3	14	-	-	-	5	-	-	-	-
Pond 1	B	29-Jun-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.6	-	7.8	-	-	-	-	-	12	13	-	-	-	18	-	-	-	-
Pond 1	B	13-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	6.8	-	7.7	-	-	-	-	-	16	11	-	-	-	59	-	-	-	-
Pond 1	B	27-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.8	-	7.8	-	-	-	-	-	23	13	-	-	-	34	-	-	-	-
Pond 1	H	12-Aug-16	discharge	Hills	*0.0001*	-	9.1	*0.0006*	-	0.0045	-	-	6.1	7.1	-	7.8	-	-	4.3	32	104	94	10	-	-	-	105	-	0.0152	0.036	-
Pond 1	B	25-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	5.7	7.3	-	7.8	-	-	-	-	-	14	14	-	-	-	20	-	-	-	-
Pond 1	B	7-Sep-16	Pond	Hills	-	-	-	-	-	-	-	-	5.2	7.4	-	7.9	-	-	-	-	-	16	14	-	-	-	10.5	-	-	-	-
Pond 1	B	22-Sep-16	Pond	Hills	-	-	-	-	-	-	-	-	5.1	7.5	-	7.8	-	-	-	-	-	49	16	-	-	-	57	-	-	-	-
Pond 1	C	4-Oct-16	discharge	Hills	*0.0001*	-	8.7	0.02	-	0.0061	-	-	5.5	7.6	-	7.9	-	-	4.8	36	104	44	16	-	-	-	56	-	0.011	0.031	-
Pond 1	B	20-Oct-16	Pond	Hills	-	-	-	-	-	-	-	-	5.8	7.8	-	8	-	-	-	-	-	5	20	-	-	-	6	-	-	-	-
Pond 1	B	3-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	5.1	7.4	-	7.8	-	-	-	-	-	4	18	-	-	-	8	-	-	-	-
Pond 1	C	22-Nov-16	pond	Hills	*0.0001*	-	12.7	0.0007	-	0.0055	-	-	6.3	7.6	-	7.9	-	-	6.4	49	152	7	21	-	-	-	4.6	-	0.0042	0.0077	-
Pond 1	B	30-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	6.5	7.3	-	7.9	-	-	-	-	-	6	21	-	-	-	5	-	-	-	-
Pond 1	B	13-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	6.8	8	-	8.1	-	-	-	-	-	3	23	-	-	-	6	-	-	-	-
Pond 1	B	5-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	7.1	7.6	-	7.8	-	-	-	-	-	9	22	-	-	-	7	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	C	12-Jan-17	pond	Hills	*0.0001*	-	*13.9*	*0.0005*	-	-	-	-	6.9	7.6	-	7.5	-	-	8	60	171	3	20	-	-	-	1.2	-	0.0014	0.0025	-
Pond 1	B	31-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	6.8	7.8	-	8	-	-	-	-	-	5	23	-	-	-	6	-	-	-	-
Pond 1	H	9-Feb-17	Pond	Hills	*0.0001*	-	*14.2*	*0.0007*	-	0.0042	-	-	6.5	7.7	-	7.9	-	-	8.5	59	164	11	22	-	-	-	7	-	0.001	0.0033	-
Pond 1	B	22-Feb-17	Pond	Hills	-	-	-	-	-	-	-	-	6.9	7.8	-	8	-	-	-	-	-	9	24	-	-	-	14	-	-	-	-
Pond 1	B	9-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	6.8	7.6	-	7.7	-	-	-	-	-	4	22	-	-	-	13	-	-	-	-
Pond 1	B	22-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	6.2	7.7	-	7.7	-	-	-	-	-	3	22	-	-	-	8	-	-	-	-
Pond 1	B	3-Apr-17	Pond	Hills	-	-	-	-	-	-	-	-	6	73	-	7.7	-	-	-	-	-	7	-	-	-	-	8	-	-	-	-
Pond 1	B	20-Apr-17	Pond	Hills	-	-	-	-	-	-	-	-	6.1	7.6	-	7.8	-	-	-	-	-	22	19	-	-	-	19	-	-	-	-
Pond 1	B	5-May-17	Pond	Hills	-	-	-	-	-	-	-	-	6.5	7.6	-	7.7	-	-	-	-	-	19	16	-	-	-	10	-	-	-	-
Pond 1	C	31-May-17	Pond		*0.0001*	-	10	0.0046	-	0.0058	-	-	6.8	7.4	-	7.7	-	-	6.2	43	124	73	14	-	-	-	75	-	0.0073	0.026	-
Pond 1	B	13-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	6.9	7.6	-	7.7	-	-	-	-	-	17	13	-	-	-	11	-	-	-	-
Pond 1	B	27-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	6.7	7.8	-	7.9	-	-	-	-	-	11	13	-	-	-	13	-	-	-	-
Pond 1	B	11-Jul-17	Pond	Hills	-	-	-	-	-	-	-	-	6.2	7.7	-	7.8	-	-	-	-	-	86	-	-	-	-	115	-	-	-	-
Pond 1	B	27-Jul-17	Pond	Hills	-	-	-	-	-	-	-	-	6.1	7.9	-	7.8	-	-	-	-	-	31	12	-	-	-	38	-	-	-	-
Pond 1	B	15-Aug-17	Pond	Hills	-	-	-	-	-	-	-	-	6	8.06	-	8.2	-	-	-	-	-	38	16	-	-	-	29	-	-	-	-
Pond 1	H	30-Aug-17	Dicharge	Hills	*0.0001*	-	*10.8*	*0.034*	-	0.0077	-	-	6.2	7.8	-	8	-	-	6.4	46	124	34	15	-	-	-	35	-	0.009	0.027	-
Pond 1	B	14-Sep-17	Pond	Hill	-	-	-	-	-	-	-	-	6	7.8	-	8	-	-	-	-	-	22	16	-	-	-	21	-	-	-	-
Pond 1	B	28-Sep-17	Pond	Hill	-	-	-	-	-	-	-	-	6.2	7.8	-	7.9	-	-	-	-	-	7	18	-	-	-	5.4	-	-	-	-
Pond 1	B	11-Oct-17	Pond	Hill	-	-	-	-	-	-	-	-	6.8	8	-	8.08	-	-	-	-	-	9	18	-	-	-	7	-	-	-	-
Pond 1	B	26-Oct-17	Pond	Hill	-	-	-	-	-	-	-	-	7.7	7.8	-	7.8	-	-	-	-	-	11	18	-	-	-	7.6	-	-	-	-
Pond 1	B	9-Nov-17	Pond	Hill	-	-	-	-	-	-	-	-	7.5	8	-	8.1	-	-	-	-	-	11	18	-	-	-	6	-	-	-	-
Pond 1	C	23-Nov-17	Pond	Hill	*0.0001*	-	10.1	0.0007	-	0.0064	-	-	7.78	8.1	-	7.9	-	-	7.1	55	146	8	24.2	-	-	-	6.9	-	0.0042	0.0072	-
Pond 1	B	6-Dec-17	Pond	Hill	-	-	-	-	-	-	-	-	7.4	7.8	-	7.9	-	-	-	-	-	8	24	-	-	-	13	-	-	-	-
Pond 1	B	21-Dec-17	Pond	Hill	-	-	-	-	-	-	-	-	7.9	8.1	-	8.1	-	-	-	-	-	13	26.3	-	-	-	8.1	-	-	-	-
Pond 1	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	8.35	7.96	-	8	-	-	-	-	-	9	28	-	-	-	6.5	-	-	-	-
Pond 1	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	8.46	7.8	-	7.96	-	-	-	-	-	11	27	-	-	-	6	-	-	-	-
Pond 1	H	8-Feb-18	Pond	Hills	*0.0001*	-	9	0.0154	-	0.006	-	-	8.12	8.12	-	7.8	-	-	6.9	50	197	28	22	-	-	-	44	-	0.0033	0.0107	-
Pond 1	B	28-Feb-18	Pond	Hill	-	-	11.6	-	-	-	-	-	6.8	7.9	-	7.8	-	-	8.8	59	-	16	22	1.3	-	-	7	-	-	-	-
Pond 1	B	8-Mar-18	Pond	Hill	-	-	12.7	-	-	-	-	-	7.3	8.04	-	7.9	-	-	8.7	62	-	16	26	1.25	-	-	10.5	-	-	-	-
Pond 1	B	29-Mar-18	Pond	Hill	-	-	9.1	-	-	-	-	-	7.65	8.31	-	7.8	-	-	7.1	43	-	27	20.4	0.76	-	-	26	-	-	-	-
Pond 1	B	12-Apr-18	Pond	Hill	-	-	7.5	-	-	-	-	-	8.57	7.49	-	7.7	-	-	7.1	42	-	88	16	0.79	-	-	129.8	-	-	-	-
Pond 1	B	24-Apr-18	Pond	Hill	-	-	8.1	-	-	-	-	-	10.88	8.58	-	8.7	-	-	7.7	50	-	43	21	0.77	-	-	34.5	-	-	-	-
Pond 1	B	9-May-18	Pond	Hill	-	-	10.8	-	-	-	-	-	4.71	7.38	-	8	-	-	8.5	61	-	16	15.4	2.1	-	-	18.7	-	-	-	-
Pond 1	C	29-May-18	Pond	Hill	*0.0001*	-	8.9	0.0057	-	0.0071	-	-	9.33	7.63	-	7.9	-	-	7.9	55	162	122	11.6	2.6	-	-	125	-	0.0128	0.065	-
Pond 1	B	14-Jun-18	Pond	Hill	-	-	6.8	-	-	-	-	-	9.5	7.84	-	8	-	-	7.1	39	-	103	14.3	4.9	-	-	135.5	-	-	-	-
Pond 1	B	28-Jun-18	Pond	Hill	-	-	6.9	-	-	-	-	-	8.38	7.65	-	7.8	-	-	5.1	31	-	36	9.5	1.3	-	-	54.8	-	-	-	-
Pond 1	B	16-Jul-18	Pond	Hill	-	-	6	-	-	-	-	-	7.52	7.94	-	7.9	-	-	5.4	30	-	220	15.2	3.4	-	-	225	-	-	-	-
Pond 1	C	18-Jul-18	Pond	Hill	*0.0001*	-	5.8	0.04	-	0.0068	-	-	8.5	7.82	-	7.8	-	-	5.9	29	75	530	15.3	4.2	-	-	188	-	0.05	0.124	-
Pond 1	B	26-Jul-18	Pond	Hill	-	-	7.5	-	-	-	-	-	9.5	7.63	-	7.9	-	-	7.6	41	-	13	12.1	5.7	-	-	16	-	-	-	-
Pond 1	B	9-Aug-18	Pond	Hill	-	-	8.7	-	-	-	-	-	8.84	7.82	-	7.9	-	-	8.6	46	-	15	12.8	5.4	-	-	13.5	-	-	-	-
Pond 1	H	23-Aug-18	Pond	Hill	*0.0001*	-	8.1	0.0162	-	0.0086	-	-	9.5	7.63	-	7.9	-	-	7	44	110	13	12.9	2.3	-	-	30	-	0.025	0.039	-
Pond 1	B	11-Sep-18	Discharge	Hill	-	-	9.7	-	-	-	-	-	9.1	7.81	-	7.9	-	-	6	45	-	14	13.45	1.06	-	-	12	-	-	-	-
Pond 1	B	25-Sep-18	Pond	Hill	-	-	10	-	-	-	-	-	9.6	7.91	-	8.2	-	-	7	44	-	14	16.5	0.91	-	-	12	-	-	-	-
Pond 1	B	9-Oct-18	Pond	Hill	-	-	10.8	-	-	-	-	-	9.22	7.95	-	8	-	-	7.4	49	-	6	18.8	0.82	-	-	3.5	-	-	-	-
Pond 1	B	23-Oct-18	Pond	Hill	-	-	11.2	-	-	-	-	-	9.18	7.99	-	8.1	-	-	7.4	55	-	12	21.2	0.84	-	-	11	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	6-Nov-18	Pond	Hill	-	-	10.3	-	-	-	-	-	9.15	7.88	-	8.1	-	-	6.8	47	-	6	20.2	0.75	-	-	5	-	-	-	-
Pond 1	C	20-Nov-18	Pond	Hill	*0.0001*	-	11.9	0.0059	-	0.0065	-	-	8.55	8	-	8	-	-	6.8	59	166	9	21.7	0.78	-	-	8.1	-	0.004	0.0064	-
Pond 1	B	6-Dec-18	Discharge	Hill	-	-	7.1	-	-	-	-	-	5.79	8.18	-	7.8	-	-	5.8	40	-	51	21	0.68	-	-	65	-	-	-	-
Pond 1	B	20-Dec-18	Pond	Hill	-	-	8.6	-	-	-	-	-	8.74	7.85	-	8.1	-	-	6.4	55	-	5	23.4	0.59	-	-	5	-	-	-	-
Pond 1	B	8-Jan-19	Pond	Hill	-	-	11.1	-	-	-	-	-	12.7	8.03	-	8.3	-	-	8.3	90	-	11	27.2	0.89	-	-	7	-	-	-	-
Pond 1	B	22-Jan-19	Pond	Hill	-	-	11	-	-	-	-	-	10.5	7.8	-	8	-	-	9.1	91	-	8	25.2	0.99	-	-	7	-	-	-	-
Pond 1	H	7-Feb-19	Pond	Hill	*0.0001*	-	*9.9*	*0.0005*	-	0.0048	-	-	12.48	8.48	-	8.3	-	-	8	88	118	5	24.7	0.89	-	-	2.5	-	0.0016	0.0029	-
Pond 1	B	20-Feb-19	Pond	Hill	-	-	13	-	-	-	-	-	11.2	8.08	-	8.1	-	-	10.9	99	-	5	24.3	0.93	-	-	6	-	-	-	-
Pond 1	B	7-Mar-19	Pond	Hill	-	-	12.3	-	-	-	-	-	11	8.54	-	8	-	-	12	101	-	20	21.8	0.8	-	-	17	-	-	-	-
Pond 1	B	27-Mar-19	Pond	Hill	-	-	11	-	-	-	-	-	5.5	7.81	-	7.7	-	-	15.1	107	-	220	20.5	2.8	-	-	174	-	-	-	-
Pond 1	B	10-Apr-19	Pond	Hill	-	-	14.1	-	-	-	-	-	11.78	7.9	-	8.1	-	-	10.7	85	-	14	19	1.29	-	-	10	-	-	-	-
Pond 1	B	26-Apr-19	Pond	Hill	-	-	15.7	-	-	-	-	-	9.26	7.66	-	7.9	-	-	10.7	89	-	4	18.4	1.24	-	-	5.7	-	-	-	-
Pond 1	B	15-May-19	Pond	Hill	-	-	14.9	-	-	-	-	-	7.6	7.57	-	7.9	-	-	10.1	82	-	6	15.8	0.87	-	-	6	-	-	-	-
Pond 1	C	27-May-19	Pond	Hill	*0.0001*	-	16.3	0.055	-	0.007	-	-	9.56	7.6	-	8	-	-	9.8	82	193	6	16.5	0.64	-	-	5	-	0.0041	0.0093	-
Pond 1	B	11-Jun-19	Discharge	Hill	-	-	12.6	-	-	-	-	-	8.72	7.65	-	7.9	-	-	8.6	54	-	9	13.5	0.75	-	-	10	-	-	-	-
Pond 1	B	25-Jun-19	Discharge	Hill	-	-	17.7	-	-	-	-	-	9.45	7.58	-	8	-	-	9.3	70	-	7	12.7	0.68	-	-	8	-	-	-	-
Pond 1	B	9-Jul-19	Pond	Hill	-	-	14.3	-	-	-	-	-	8.7	7.7	-	7.9	-	-	8.3	59	-	22	12.3	0.81	-	-	19	-	-	-	-
Pond 1	B	22-Jul-19	Pond	Hill	-	-	13.9	-	-	-	-	-	8.9	7.62	-	7.9	-	-	6.8	48	-	12	12.6	0.67	-	-	14	-	-	-	-
Pond 1	B	6-Aug-19	Pond	Hill	-	-	15.6	-	-	-	-	-	11.45	7.9	-	8.1	-	-	7.2	57	-	3	11.2	0.55	-	-	5	-	-	-	-
Pond 1	H	21-Aug-19	Discharge	Hill	*0.00010*	-	13.5	0.065	-	0.0067	-	-	10.44	7.95	-	8.1	-	-	6.3	48	210	*7*	12.7	0.56	-	-	7	-	0.025	0.033	-
Pond 1	B	3-Sep-19	Pond	Hill	-	-	13.9	-	-	-	-	-	13.31	7.95	-	8.2	-	-	6.7	50	-	*3*	15	0.62	-	-	5	-	-	-	-
Pond 1	B	18-Sep-19	Pond	Hill	-	-	12.4	-	-	-	-	-	11.09	7.77	-	8.1	-	-	5.9	48	-	5	17.3	0.64	-	-	7	-	-	-	-
Pond 1	B	1-Oct-19	Pond	Hill	-	-	12.9	-	-	-	-	-	12.05	7.9	-	8.2	-	-	5.9	49	-	4	16.4	0.64	-	-	4	-	-	-	-
Pond 1	B	18-Oct-19	Pond	Hill	-	-	8.5	-	-	-	-	-	11.5	7.79	-	8.1	-	-	4.8	35	-	29	16.5	0.78	-	-	31	-	-	-	-
Pond 1	B	5-Nov-19	Pond	Hill	-	-	12.7	-	-	-	-	-	12	8.73	-	8.9	-	-	5.9	51	-	14	26	0.78	-	-	5	-	-	-	-
Pond 1	C	19-Nov-19	Pond	Hill	*0.0001*	-	12.2	*0.0005*	-	0.0059	-	-	9.46	7.84	-	7.9	-	-	5.6	49	131	5	22	0.7	-	-	2.6	-	0.0016	0.0053	-
Pond 1	B	2-Dec-19	Pond	Hill	-	-	11.5	-	-	-	-	-	9.5	8.03	-	8	-	-	5.1	50	-	3	25.5	0.58	-	-	4	-	-	-	-
Pond 1	B	17-Dec-19	Pond	Hill	-	-	10.8	-	-	-	-	-	10.62	8.6	-	8.7	-	-	4.9	55	-	*3*	23	0.54	-	-	5	-	-	-	-
Pond 1	B	7-Jan-20	Pond	Hill	-	-	10.8	-	-	-	-	-	10.7	8.4	-	8	-	-	6.2	60	-	4	21	0.62	-	-	9	-	-	-	-
Pond 1	B	22-Jan-20	Pond	Hill	-	-	12.9	-	-	-	-	-	7.95	7.8	-	7.9	-	-	8.9	66	-	3	25.7	0.62	-	-	3.6	-	-	-	-
Pond 1	H	5-Feb-20	Pond	Hill	*0.0001*	-	13.9	*0.0005*	-	0.004	-	-	7.89	7.6	-	7.7	-	-	10.6	73	146	8	26.4	0.75	-	-	1.6	-	0.001	0.002	-
Pond 1	B	25-Feb-20	Pond	Hill	-	-	14.4	-	-	-	-	-	7.5	8.4	-	8.1	-	-	10.6	78	-	8	25	0.92	-	-	6	-	-	-	-
Pond 1	B	10-Mar-20	Pond	Hill	-	-	13.4	-	-	-	-	-	7.4	7.6	-	7.8	-	-	12.9	79	-	85	25	2.1	-	-	95	-	-	-	-
Pond 1	B	23-Mar-20	Pond	Hill	-	-	17.5	-	-	-	-	-	14.35	8.3	-	8.4	-	-	12.8	89	-	18	22	1.31	-	-	25	-	-	-	-
Pond 1	B	6-Apr-20	Pond	Hill	-	-	16.1	-	-	-	-	-	9.7	8.4	-	8	-	-	12.9	85	-	39	19.4	1.64	-	-	26	-	-	-	-
Pond 1	B	22-Apr-20	Pond	Hill	-	-	16.8	-	-	-	-	-	9.5	7.6	-	7.8	-	-	12.1	84	-	23	19.4	1.66	-	-	16	-	-	-	-
Pond 1	C	11-May-20	Pond	Hill	*0.00010*	-	13.4	0.025	-	0.0056	-	-	8.21	7.62	-	7.8	-	-	9.1	66	144	12	16.7	0.77	-	-	7	-	0.0023	0.0047	-
Pond 1	B	26-May-20	Pond	Hill	-	-	11.2	-	-	-	-	-	10.55	8	-	8.2	-	-	7.2	55	-	6	17	0.7	-	-	7	-	-	-	-
Pond 1	B	9-Jun-20	Pond	Hill	-	-	13	-	-	-	-	-	10.4	7.5	-	7.5	-	-	8.2	63	-	10	12	1.24	-	-	7	-	-	-	-
Pond 1	B	23-Jun-20	Pond	Hill	-	-	15.1	-	-	-	-	-	10.5	7.84	-	7.7	-	-	8.5	68	-	8	12	1.37	-	-	8	-	-	-	-
Pond 1	B	8-Jul-20	Pond	Hill	-	-	12.3	-	-	-	-	-	9.4	7.9	-	7.8	-	-	7	47	-	12	11.8	1.03	-	-	12	-	-	-	-
Pond 1	B	23-Jul-20	Pond	Hill	-	-	11.6	-	-	-	-	-	10.3	7.91	-	7.7	-	-	7.4	47	-	13	12.1	1.64	-	-	15	-	-	-	-
Pond 1	B	11-Aug-20	Pond	Hill	-	-	11.4	-	-	-	-	-	9.5	7.7	-	7.6	-	-	7.9	54	-	8	13.2	1.28	-	-	6	-	-	-	-
Pond 1	H	25-Aug-20	Pond	Hill	*0.0001*	-	10.8	0.1	-	0.0072	-	-	8.52	7.92	-	7.9	-	-	6.4	43	161	*15*	14.6	1.66	-	-	9	-	0.0162	0.02	-
Pond 1	C	7-Sep-20	Pond	Hill	*0.0001*	-	12.4	0.0176	-	0.0076	-	-	12.81	8.1	-	8	-	-	7.5	54	163	*3*	17.2	1.04	-	-	6	-	0.0086	0.01	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	22-Sep-20	Pond	Hill	-	-	12.7	-	-	-	-	-	16.8	8.7	-	8.3	-	-	8.3	61	-	*6*	16.6	0.87	-	-	4	-	-	-	-
Pond 1	B	6-Oct-20	Pond	Hill	-	-	13.6	-	-	-	-	-	17.15	8.49	-	8.4	-	-	8.3	62	-	3	18.6	1.01	-	-	6	-	-	-	-
Pond 1	B	20-Oct-20	Pond	Hill	-	-	13.3	-	-	-	-	-	15.5	8.1	-	8	-	-	7.8	62	-	4	20.9	0.86	-	-	5	-	-	-	-
Pond 1	C	4-Nov-20	Pond	Hill	*0.0001*	-	15	0.0007	-	0.0070	-	-	14.4	7.9	-	7.8	-	-	7.7	64	210	6	23	0.66	-	-	3	-	0.0015	0.003	-
Pond 1	B	18-Nov-20	Pond	Hill	-	-	10.5	-	-	-	-	-	13	7.9	-	7.8	-	-	7	43	-	4	22	0.68	-	-	4	-	-	-	-
Pond 1	B	2-Dec-20	Pond	Hill	-	-	11.3	-	-	-	-	-	5.54	7.6	-	7.5	-	-	6.9	49	-	*3*	21.4	0.71	-	-	3	-	-	-	-
Pond 1	B	17-Dec-20	Pond	Hill	-	-	15.1	-	-	-	-	-	5.5	7.52	-	7.6	-	-	7.9	104	-	4	25.3	0.69	-	-	4	-	-	-	-
Pond 1	B	11-Jan-21	Pond	Hill	-	-	13.9	-	-	-	-	-	5.6	7.7	-	7.7	-	-	9.3	118	-	*3*	26.2	0.75	-	-	3	-	-	-	-
Pond 1	B	25-Jan-21	Pond	Hill	-	-	13.2	-	-	-	-	-	6.3	7.9	-	7.9	-	-	9.8	118	-	*3*	23.8	0.64	-	-	4	-	-	-	-
Pond 1	H	10-Feb-21	Pond	Hill	*0.0002*	-	16.1	*0.0010*	-	0.0047	-	-	5.4	7.4	-	7.4	-	-	9.3	138	300	8	24.2	0.81	-	-	4	-	*0.002*	0.0033	-
Pond 1	B	24-Feb-21	Pond	Hill	-	-	14	-	-	-	-	-	8.04	7.79	-	7.6	-	-	9.7	125	-	*3*	24.2	0.63	-	-	2.7	-	-	-	-
Pond 1	B	9-Mar-21	Pond	Hill	-	-	14.2	-	-	-	-	-	8.03	7.77	-	7.8	-	-	9.4	130	-	*3*	21.5	0.65	-	-	2	-	-	-	-
Pond 1	B	25-Mar-21	Pond	Hill	-	-	14.2	-	-	-	-	-	9.21	7.83	-	7.7	-	-	9.2	126	-	*3*	21.3	0.67	-	-	3	-	-	-	-
Pond 1	B	8-Apr-21	Pond	Hill	-	-	11.5	-	-	-	-	-	9.3	7.82	-	7.9	-	-	8.6	103	-	5	22	0.55	-	-	5	-	-	-	-
Pond 1	B	22-Apr-21	Pond	Hill	-	-	13.3	-	-	-	-	-	6.34	8.1	-	8.1	-	-	9.5	110	-	5	18.5	0.61	-	-	6	-	-	-	-
Pond 1	B	6-May-21	Pond	Hill	-	-	13.2	-	-	-	-	-	8.02	7.7	-	7.7	-	-	8.8	102	-	*3*	15.1	0.43	-	-	3	-	-	-	-
Pond 1	C	20-May-21	Pond	Hill	*0.0001*	-	12.9	0.0012	-	0.0043	-	-	8.1	7.77	-	8	-	-	8.1	94	250	*3*	15.8	0.541	-	-	4	-	0.0019	0.0029	-
Pond 1	B	3-Jun-21	Pond	Hill	-	-	11.9	-	-	-	-	-	8.5	7.92	-	7.8	-	-	7.9	90	-	*3*	13.7	0.47	-	-	3	-	-	-	-
Pond 1	B	17-Jun-21	Pond	Hill	-	-	13.2	-	-	-	-	-	8.6	7.83	-	7.6	-	-	8.7	77	-	5	15.3	0.89	-	-	6	-	-	-	-
Pond 1	B	1-Jul-21	Pond	Hill	-	-	11.6	-	-	-	-	-	7.4	7.8	-	7.7	-	-	8	59	-	6	10.6	0.59	-	-	5	-	-	-	-
Pond 1	B	16-Jul-21	Pond	Hill	-	-	13	-	-	-	-	-	7.5	7.9	-	7.8	-	-	7.9	62	-	*3*	10.8	0.56	-	-	5	-	-	-	-
Pond 1	H	2-Aug-21	Pond	Hill	*0.0001*	-	10.5	0.0133	-	0.0044	-	-	6.8	7.8	-	7.5	-	-	6.9	41	127	7	13	0.55	-	-	13	-	0.0097	0.0188	-
Pond 1	B	16-Aug-21	Pond	Hill	-	-	11.8	-	-	-	-	-	6.6	7.5	-	7.5	-	-	6.8	46	-	*3*	12.8	0.55	-	-	4	-	-	-	-
Pond 1	B	30-Aug-21	Pond	Hill	-	-	13	-	-	-	-	-	7.8	8.1	-	8	-	-	7.2	50	-	*3*	15.5	0.58	-	-	4	-	-	-	-
Pond 1	B	13-Sep-21	Pond	Hill	-	-	7.1	-	-	-	-	-	9.1	8.3	-	8.3	-	-	4.4	25	-	4	17	0.39	-	-	6	-	-	-	-
Pond 1	B	27-Sep-21	Pond	Hill	-	-	6.2	-	-	-	-	-	6.9	7.68	-	7.7	-	-	3.6	21	-	19	15.5	0.55	-	-	28	-	-	-	-
Pond 1	B	11-Oct-21	Pond	Hill	-	-	6.8	-	-	-	-	-	7.6	8.01	-	8	-	-	4.5	26	-	11	19.6	0.45	-	-	15	-	-	-	-
Pond 1	B	26-Oct-21	Pond	Hill	-	-	8.3	-	-	-	-	-	6.8	7.7	-	7.7	-	-	4.6	28	-	6	21	0.52	-	-	12	-	-	-	-
Pond 1	C	8-Nov-21	Pond	Hill	*0.0001*	-	8.5	0.0143	-	0.0036	-	-	6.82	8	-	8	-	-	4.5	30	84	4	23	0.47	-	-	5	-	0.0042	0.0068	-
Pond 1	B	23-Nov-21	Pond	Hill	-	-	9.1	-	-	-	-	-	7.1	8.1	-	8.1	-	-	5.3	34	-	3	24.8	0.47	-	-	5	-	-	-	-
Pond 1	B	7-Dec-21	Pond	Hill	-	-	8.5	-	-	-	-	-	6.8	7.8	-	7.7	-	-	4.7	36	-	5	26	0.54	-	-	3	-	-	-	-
Pond 1	B	20-Dec-21	Pond	Hill	-	-	8.8	-	-	-	-	-	6.8	7.9	-	8.1	-	-	4.7	35	-	4	25.6	0.49	-	-	3	-	-	-	-
Pond 1	B	6-Jan-22	Pond	Hill	-	-	8.1	-	-	-	-	-	6.7	7.8	-	7.7	-	-	3.6	34	-	11	26	0.6	-	-	3	-	-	-	-
Pond 1	B	20-Jan-22	Pond	Hill	-	-	8.6	-	-	-	-	-	6.8	7.73	-	8	-	-	3.9	41	-	4	25.9	0.61	-	-	1.3	-	-	-	-
Pond 1	B	3-Feb-22	Pond	Hill	-	-	9.8	-	-	-	-	-	6.9	7.83	-	7.9	-	-	5	47	-	7	26	0.54	-	-	1.07	-	-	-	-
Pond 1	H	17-Feb-22	Pond	Hill	*0.0001*	-	9.5	*0.0005*	-	0.0027	-	-	4.65	7.8	-	7.7	-	-	6.1	45	97	*6*	24	0.62	-	-	0.55	-	0.0013	0.0015	-
Pond 1	B	7-Mar-22	Pond	Hill	-	-	10.5	-	-	-	-	-	4.53	7.76	-	7.5	-	-	6.4	47	-	*3*	23.4	0.84	-	-	1.42	-	-	-	-
Pond 1	B	22-Mar-22	Pond	Hill	-	-	10.1	-	-	-	-	-	8.7	7.45	-	7.8	-	-	7.6	48	-	*6*	22.7	0.7	-	-	6	-	-	-	-
Pond 1	B	5-Apr-22	Pond	Hill	-	-	9.6	-	-	-	-	-	8.9	7.8	-	7.9	-	-	6.5	36	-	6	22.6	0.5	-	-	5	-	-	-	-
Pond 1	B	19-Apr-22	Pond	Hill	-	-	10	-	-	-	-	-	8.7	7.69	-	7.7	-	-	7	41	-	4	19	0.51	-	-	3	-	-	-	-
Pond 1	C	9-May-22	Pond	Hill	*0.0001*	-	10.4	0.0009	-	0.0023	-	-	8.8	7.75	-	8	-	-	6.4	42	129	*3*	16.8	0.52	-	-	2	-	0.0034	0.0046	-
Pond 1	B	23-May-22	Pond	Hill	-	-	10.8	-	-	-	-	-	8.7	8.05	-	8.1	-	-	6	41	-	*3*	16.2	0.48	-	-	3	-	-	-	-
Pond 1	B	8-Jun-22	Discharge	Hill	-	-	10.6	-	-	-	-	-	7.2	7.6	-	7.7	-	-	6.9	39	-	*3*	14.5	0.43	-	-	7	-	-	-	-
Pond 1	B	22-Jun-22	Pond	Hill	-	-	14.2	-	-	-	-	-	7.6	7.51	-	7.8	-	-	9.3	47	-	*3*	11.3	0.63	-	-	5	-	-	-	-
Pond 1	B	5-Jul-22	Pond	Hill	-	-	13.4	-	-	-	-	-	7.7	7.49	-	7.8	-	-	7.7	42	-	*3*	11.5	0.57	-	-	3	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	19-Jul-22	Discharge	Hill	-	-	9.7	-	-	-	-	-	7.6	7.63	-	7.7	-	-	5.6	27	-	16	12	0.82	-	-	34	-	-	-	-
Pond 1	H	1-Aug-22	Pond	Hill	*0.00010*	-	8.2	0.0160	-	0.0034	-	-	5.45	7.74	-	7.7	-	-	5.6	25	74	*6*	12.8	0.57	-	-	11	-	0.0134	0.0178	-
Pond 1	B	15-Aug-22	Pond	Hill	-	-	8.4	-	-	-	-	-	5.5	7.86	-	7.9	-	-	5.6	28	-	7	13	0.79	-	-	15.4	-	-	-	-
Pond 1	B	29-Aug-22	Pond	Hill	-	-	10.1	-	-	-	-	-	5.8	8.02	-	7.8	-	-	6.8	37	-	4	14.7	0.79	-	-	5	-	-	-	-
Pond 1	B	12-Sep-22	Pond	Hill 3075387.1	-	-	7.3	-	-	-	-	-	11.55	7.97	-	8	-	-	4.7	25	-	7	16.9	0.58	-	-	7	-	-	-	-
Pond 1	B	27-Sep-22	Pond	Hill 3085123.1	-	-	10.1	-	-	-	-	-	11.25	8.04	-	8	-	-	7	39	-	*3*	18	0.71	-	-	3	-	-	-	-
Pond 1	B	10-Oct-22	Pond	Hill 3095159.1	-	-	8.6	-	-	-	-	-	9.1	7.9	-	7.8	-	-	6.1	32	-	*3*	20	1.03	-	-	3	-	-	-	-
Pond 1	B	25-Oct-22	Pond	Hill 3104306.1	-	-	10.7	-	-	-	-	-	10.03	8.12	-	7.8	-	-	6.8	41	-	*3*	20	0.72	-	-	3	-	-	-	-
Pond 1	C	8-Nov-22	Pond	Hill 3113136.1	0.00032	-	7.6	0.0007	-	0.0034	-	-	9.6	7.91	-	7.7	-	-	6	26	71	*3*	23	0.60	-	-	3	-	0.0021	0.0043	-
Pond 1	B	22-Nov-22	Pond	Hill 3122370.1	-	-	6.2	-	-	-	-	-	9.5	7.71	-	7.7	-	-	5.6	20	-	*28*	20.4	0.48	-	-	29	-	-	-	-
Pond 1	B	6-Dec-22	Pond	Hill 3132692.1	-	-	7.8	-	-	-	-	-	9.9	8.21	-	8.2	-	-	6	29	-	10	20	0.61	-	-	10	-	-	-	-
Pond 1	B	22-Dec-22	Pond	Hill 3143778.1	-	-	7.8	-	-	-	-	-	10	7.8	-	7.8	-	-	6.3	29	-	*3*	26	0.72	-	-	5	-	-	-	-
Pond 1	B	9-Jan-23	Discharge	Hill 3149230.1	-	-	7.9	-	-	-	-	-	10.2	7.59	-	7.8	-	-	5.5	29	-	8	23	0.83	-	-	13	-	-	-	-
Pond 1	B	23-Jan-23	Pond	Hill 3159105.1	-	-	9.6	-	-	-	-	-	6.55	8.06	-	8	-	-	6.1	31	-	5	28	0.56	-	-	2	-	-	-	-
Pond 1	H	7-Feb-23	Pond	Hill 3168184.1	*0.00010*	-	5.5	0.0199	-	0.0025	-	-	9.55	7.98	-	7.8	-	-	5	17.4	57	*8*	24	0.53	-	-	14	-	0.0018	0.0034	-
Pond 1	B	22-Feb-23	Pond	Hill 3182080.1	-	-	5	-	-	-	-	-	8.01	7.61	-	8	-	-	3.8	15.5	-	12	22.9	0.29	-	-	20	-	-	-	-
Pond 1	B	6-Mar-23	Pond	Hill 3196731.1	-	-	4.6	-	-	-	-	-	9.03	7.67	-	8	-	-	4	12.4	-	19	25.5	0.38	-	-	34	-	-	-	-
Pond 1	B	21-Mar-23	Pond	Hill 3212032.1	-	-	5.6	-	-	-	-	-	9.40	7.92	-	7.9	-	-	4.3	16.6	-	5	21	0.36	-	-	4	-	-	-	-
Pond 1	B	7-Apr-23	Pond	Hill 3233901.1	-	-	7.1	-	-	-	-	-	9.35	7.99	-	8	-	-	4.7	22	-	15	18.4	0.74	-	-	14	-	-	-	-
Pond 1	B	21-Apr-23	Pond	Hill 3252438.1	-	-	8.4	-	-	-	-	-	9.50	8.25	-	7.9	-	-	5.3	26	-	17	20.6	0.61	-	-	19	-	-	-	-
Pond 1	C	12-May-23	Pond	Hill 3275086.4	*0.00010*	-	4.1	0.0007	-	0.0015	-	-	9.12	8.20	-	7.7	-	-	3.9	11.8	37	140	15	0.73	-	-	246	-	0.0054	0.039	-
Pond 1	B	30-May-23	Pond	Hill 3290923.1	-	-	9.6	-	-	-	-	-	4.47	7.69	-	7.8	-	-	4.6	24	-	32	-	0.94	-	-	38	-	-	-	-
Pond 1	B	15-Jun-23	Pond	Hill 3302102.1	-	-	9.8	-	-	-	-	-	8.52	7.76	-	8	-	-	4.2	26	-	8	11.6	0.56	-	-	12.6	-	-	-	-
Pond 1	B	22-Jun-23	Pond	Hill 3307617.1	-	-	10.4	-	-	-	-	-	8.66	7.73	-	7.8	-	-	4.1	26	-	11	11.7	0.7	-	-	11	-	-	-	-
Pond 1	B	12-Jul-23	Pond	Hill 3315667.1	-	-	7.9	-	-	-	-	-	7.4	7.79	-	7.7	-	-	4.3	19.7	-	30	12	1.11	-	-	34.1	-	-	-	-
Pond 1	B	20-Jul-23	Pond	Hill 3326110.1	-	-	9.6	-	-	-	-	-	9.42	7.97	-	8.1	-	-	4.1	25	-	4	15.2	0.72	-	-	14.7	-	-	-	-
Pond 1	B	10-Aug-23	Pond	Hill 3340739.1	-	-	10.1	-	-	-	-	-	9.65	7.77	-	7.8	-	-	5.7	31	-	5	12.3	3.3	-	-	13.4	-	-	-	-
Pond 1	B	18-Aug-23	Pond	Hill 3345212.1	-	-	10.7	-	-	-	-	-	8.9	7.77	-	7.6	-	-	5.6	33	-	9	13.4	2.8	-	-	13.4	-	-	-	-
Pond 1	B	7-Sep-23	Pond	Hill 3360107.1	-	-	9.1	-	-	-	-	-	8	7.79	-	7.8	-	-	4.7	29	-	15	15.3	1.49	-	-	16.2	-	-	-	-
Pond 1	B	13-Sep-23	Pond	Hill 3363106.1	-	-	8.3	-	-	-	-	-	9.53	8.03	-	8.2	-	-	4.7	29	-	21	16.1	1.22	-	-	9.53	-	-	-	-
Pond 1	B	6-Oct-23	Pond	Hills 3381015.1	-	-	*7.2*	-	-	-	-	-	9.1	8.22	-	8.2	-	-	3.8	52	-	*3*	17.2	0.46	-	-	21.8	-	-	-	-
Pond 1	B	12-Oct-23	Pond	Hills 3383860.1	-	-	8.8	-	-	-	-	-	10.2	7.78	-	7.8	-	-	4.5	31	-	17	16.5	1.25	-	-	19.3	-	-	-	-
Pond 1	B	3-Nov-23	Pond	Hills 3399556.1	-	-	8.9	-	-	-	-	-	7.86	7.7	-	7.8	-	-	4.6	34	-	*3*	18.9	1.42	-	-	7.35	-	-	-	-
Pond 1	H	8-Nov-23	Pond	Hills 3403609.1	*0.00010*	-	8.5	0.036	-	0.0031	-	-	8.45	7.73	-	8	-	-	4.6	32	77	*22*	18.9	1.21	-	-	12.9	-	0.0038	0.0086	-
Pond 1	B	24-Nov-23	Pond	Hills 3414745.1	-	-	9.6	-	-	-	-	-	8.5	8.27	-	8.3	-	-	4.8	35	-	*4*	23.4	1.05	-	-	3.52	-	-	-	-
Pond 1	C	25-Nov-23	Pond	Hills 3414776.1	*0.00010*	-	9.7	0.196	-	0.0038	-	-	8.25	7.75	-	7.8	-	-	4.6	33	84	3	24.6	1.27	-	-	2.9	-	0.005	0.011	-
Pond 1	B	8-Nov-23	Pond	Hills 3424896.1	-	-	10.8	-	-	-	-	-	8.52	7.79	-	7.9	-	-	5.1	38	-	*8*	23	1.28	-	-	7.46	-	-	-	-
Pond 1	B	21-Dec-23	Pond	Hills 3434878.1	-	-	11.1	-	-	-	-	-	8.6	8.25	-	8.3	-	-	5.2	40	-	6	24.1	1.07	-	-	5.6	-	-	-	-
Pond 1	B	8-Jan-24	Pond	Hills 3440416.1	-	-	*9.2*	-	-	-	-	-	7.96	7.81	-	8	-	-	4.8	29	-	19	24.3	0.81	-	-	26.9	-	-	-	-
Pond 1	B	18-Jan-24	Pond	Hills 3447519.1	-	-	8.8	-	-	-	-	-	7.97	8.36	-	8.8	-	-	5	30	-	5	27.3	0.64	-	-	6.18	-	-	-	-
Pond 1	H	5-Feb-24	Pond	Hills 3459798.1	*0.0001*	-	10	0.0007	-	0.0029	-	-	9.05	8.18	-	8.2	-	-	4.9	39	-	7	22	0.73	-	-	2.03	-	0.0062	0.0148	-
Pond 1	B	15-Feb-24	Pond	Hills 3468936.1	-	-	9.1	-	-	-	-	-	8.93	8.56	-	9.4	-	-	4.3	41	-	8	26.3	0.73	-	-	8.73	-	-	-	-
Pond 1	B	29-Feb-24	Pond	Hills 3482686.1	-	-	*10.6*	-	-	-	-	-	8.26	8.4	-	8.27	-	-	4.1	45	-	4	23.1	0.63	-	-	5.44	-	-	-	-
Pond 1	B	13-Mar-24	Pond	Hills 3499045.1	-	-	11.2	-	-	-	-	-	8.45	8	-	8.1	-	-	4.5	48	-	9	21.2	0.7	-	-	2.43	-	-	-	-
Pond 1	B	27-Mar-24	Pond	Hills 3522038.1	-	-	6.4	-	-	-	-	-	8.5	7.86	-	7.6	-	-	5.6	21	-	12	20.4	0.79	-	-	6.3	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 1	B	12-Apr-24	Pond	Hills 3541327.1	-	-	12.2	-	-	-	-	-	8.32	7.6	-	7.4	-	-	4.4	49	-	4	19.8	0.61	-	-	2.95	-	-	-	-
Pond 1	B	24-Apr-24	Pond	Hills 3559570.1	-	-	11.2	-	-	-	-	-	9.31	7.9	-	8	-	-	4.8	38	-	*3*	17.5	0.85	-	-	3.28	-	-	-	-
Pond 1	B	9-May-24	Pond	Hills 3577819.1	-	-	11.3	-	-	-	-	-	8.36	7.86	-	8.3	-	-	5.1	39	-	4	13.7	0.73	-	-	0.95	-	-	-	-
Pond 1	C	27-May-24	Pond	Hills 3593002.1	*0.00010*	-	10	*0.0165*	-	0.0026	-	-	8.21	7.84	-	7.7	-	-	5.3	31	130	4	14.4	1.08	-	-	7.1	-	0.0056	0.0094	-
Pond 1	B	11-Jun-24	Pond	Hills 3604225.1	-	-	11.7	-	-	-	-	-	8.56	8	-	8.03	-	-	6.2	39	-	13	14.6	3.6	-	-	7.5	-	-	-	-
Pond 1	B	24-Jun-24	Pond	Hills 3614230.1	-	-	8.3	-	-	-	-	-	9.12	7.55	-	7.6	-	-	7.1	44	-	41	13.4	6.2	-	-	58.6	-	-	-	-
Pond 1	B	5-Jul-24	Pond	Hills 3621553.1	*0.00010*	-	-	-	-	0.0026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	*0.001*	-	-
Pond 1	B	18-Jul-24	Pond	Hills 3632050.1	-	-	7.8	-	-	-	-	-	8.73	7.74	-	7.7	-	-	5.1	31	-	135	14.6	1.9	-	-	58.6	-	-	-	-
Pond 1	H	2-Aug-24	Pond	Hills 3641802.1	*0.00010*	-	8.4	0.28	-	0.0049	-	-	9.32	7.3	-	7.6	-	-	5.1	31	85	19	13.2	1.32	-	-	26	-	0.0152	0.037	-
Pond 1	B	16-Aug-24	Pond	Hills 3651692.1	-	-	10.4	-	-	-	-	-	8.93	7.84	-	7.9	-	-	5.7	39	-	6	13.9	1.37	-	-	8.06	-	-	-	-
Pond 1	B	29-Aug-24	Pond	Hills 3660407.1	-	-	11.1	-	-	-	-	-	7.76	7.72	-	7.9	-	-	6.6	51	-	15	15.9	1.21	-	-	28.9	-	-	-	-
Pond 1	B	12-Sep-24	Pond	Hills 3671006.1	-	-	7.3	-	-	-	-	-	7.68	7.65	-	8.1	-	-	4.4	28	-	15	13.9	1	-	-	18.2	-	-	-	-
Pond 1	B	26-Sep-24	Pond	Hills 3681023.1	-	-	7.8	-	-	-	-	-	10.48	8.42	-	8.3	-	-	3.9	28	-	10	15.4	0.67	-	-	8.64	-	-	-	-
Pond 1	B	10-Oct-24	Pond	Hills 3691499.1	-	-	9	-	-	-	-	-	9.83	8.45	-	8.1	-	-	4.5	32	-	10	20.7	0.95	-	-	4.74	-	-	-	-
Pond 2	B	12-Jan-05	discharge	Hills	-	-	-	-	-	-	-	-	8.23	8.16	-	8.1	-	-	-	-	-	4	22.2	-	-	-	6	-	-	-	-
Pond 2	B	26-Jan-05	discharge	Hills	-	-	-	-	-	-	-	-	7.35	7.65	-	7.9	-	-	-	-	-	9	24	-	-	-	13	-	-	-	-
Pond 2	C	9-Feb-05	discharge	Hills	<0.0001	-	6.79	0.0011	-	0.0019	<0.05	-	7.6	7.71	-	7.6	-	0.136	6.94	29.3	54.4	12	23.3	-	-	-	25	-	0.002	0.007	-
Pond 2	B	23-Feb-05	pond	Hills	-	-	-	-	-	-	-	-	7.4	7.99	-	8.1	-	-	-	-	-	20	21.6	-	-	-	28	-	-	-	-
Pond 2	B	9-Mar-05	discharge	Hills	-	-	-	-	-	-	-	-	7.32	7.37	-	8.1	-	-	-	-	-	13	20.5	-	-	-	17	-	-	-	-
Pond 2	B	23-Mar-05	pond	Hills	-	-	-	-	-	-	-	-	5.81	7.4	-	7.9	-	-	-	-	-	7	22	-	-	-	8	-	-	-	-
Pond 2	B	6-Apr-05	pond	Hills	-	-	-	-	-	-	-	-	10.9	8.74	-	8.7	-	-	-	-	-	6	20.5	-	-	-	6	-	-	-	-
Pond 2	C	20-Apr-05	pond	Hills	0.0001	-	6.2	0.0076	-	0.0019	<0.05	-	16.22	9.55	-	9.7	-	0.056	3.14	33.3	66.7	8	18.9	-	-	-	5	-	<0.001	0.014	-
Pond 2	B	4-May-05	pond	Hills	-	-	-	-	-	-	-	-	12.3	7.46	-	9.2	-	-	-	-	-	6	15.8	-	-	-	4	-	-	-	-
Pond 2	B	18-May-05	discharge	Hills	-	-	-	-	-	-	-	-	8.86	8.8	-	8.9	-	-	-	-	-	14	16.4	-	-	-	17	-	-	-	-
Pond 2	B	1-Jun-05	discharge	Hills	-	-	-	-	-	-	-	-	9.72	7.62	-	8	-	-	-	-	-	27	12.8	-	-	-	41	-	-	-	-
Pond 2	C	15-Jun-05	pond	Hills	0.0001	-	12	0.0356	-	0.0041	<0.05	-	13.24	7.6	-	8	-	0.03	6.64	38.4	197	<3	10	-	-	-	8	-	0.034	0.056	-
Pond 2	B	30-Jun-05	discharge	Hills	-	-	-	-	-	-	-	-	9.01	7.26	-	7.9	-	-	-	-	-	15	11.2	-	-	-	18	-	-	-	-
Pond 2	B	13-Jul-05	discharge	Hills	-	-	-	-	-	-	-	-	9.44	7.45	-	8	-	-	-	-	-	96	11.4	-	-	-	31	-	-	-	-
Pond 2	B	27-Jul-05	discharge	Hills	-	-	-	-	-	-	-	-	10.17	7.55	-	8.2	-	-	-	-	-	4	12.6	-	-	-	9	-	-	-	-
Pond 2	B	10-Aug-05	discharge	Hills	-	-	-	-	-	-	-	-	10.56	7.4	-	8.2	-	-	-	-	-	<3	11.6	-	-	-	6	-	-	-	-
Pond 2	C	24-Aug-05	discharge	Hills	0.0002	-	10.5	0.0044	-	0.0023	<0.2	-	10.33	7.55	-	8.2	-	0.029	3.89	27.5	117	5	14.5	-	-	-	8	-	0.016	0.033	-
Pond 2	B	7-Sep-05	discharge	Hills	-	-	-	-	-	-	-	-	10.08	7.85	-	8.2	-	-	-	-	-	<3	15.8	-	-	-	2	-	-	-	-
Pond 2	B	21-Sep-05	discharge	Hills	-	-	-	-	-	-	-	-	9.67	7.45	-	8	-	-	-	-	-	8	12.6	-	-	-	15	-	-	-	-
Pond 2	B	5-Oct-05	discharge	Hills	-	-	-	-	-	-	-	-	9.1	7.4	-	7.9	-	-	-	-	-	17	14.7	-	-	-	19	-	-	-	-
Pond 2	C	19-Oct-05	discharge	Hills	0.0004	-	7.04	0.0129	-	0.0027	<0.05	-	8.22	7.44	-	8	-	0.043	5.74	18.5	60.9	4	19.3	-	-	-	7	-	0.024	0.037	-
Pond 2	B	2-Nov-05	pond	Hills	-	-	-	-	-	-	-	-	7.44	7.22	-	7.9	-	-	-	-	-	8	18.6	-	-	-	8	-	-	-	-
Pond 2	B	16-Nov-05	pond	Hills	-	-	-	-	-	-	-	-	6.08	7.32	-	7.7	-	-	-	-	-	48	18.6	-	-	-	70	-	-	-	-
Pond 2	B	30-Nov-05	discharge	Hills	-	-	-	-	-	-	-	-	9.42	7.69	-	8.2	-	-	-	-	-	30	19.4	-	-	-	36	-	-	-	-
Pond 2	C	7-Dec-05	pond	Hills	0.0002	-	5.22	0.008	-	0.0017	<0.05	-	10.7	8.36	-	8.6	-	0.193	6.37	22.5	29.4	43	21.8	-	-	-	61	-	0.002	0.018	-
Pond 2	B	21-Dec-05	pond	Hills	-	-	-	-	-	-	-	-	6.02	7.85	-	8	-	-	-	-	-	45	20.8	-	-	-	50	-	-	-	-
Pond 2	B	11-Jan-06	discharge	Hills	-	-	-	-	-	-	-	-	7.54	7.69	-	8	-	-	-	-	-	43	23.7	-	-	-	41	-	-	-	-
Pond 2	B	25-Jan-06	pond	Hills	-	-	-	-	-	-	-	-	4.94	7.29	-	7.5	-	-	-	-	-	173	21.5	-	-	-	192	-	-	-	-
Pond 2	C	8-Feb-06	discharge	Hills	<0.0001	-	11.8	<0.0005	-	0.0055	<0.05	-	7.24	7.62	-	7.9	-	0.092	7.92	53.2	201	41	22.2	-	-	-	39	-	0.005	0.031	-
Pond 2	B	22-Feb-06	pond	Hills	-	-	-	-	-	-	-	-	7.6	7.99	-	8	-	-	-	-	-	41	22.5	-	-	-	41	-	-	-	-
Pond 2	B	8-Mar-06	pond	Hills	-	-	-	-	-	-	-	-	6.46	7.59	-	7.8	-	-	-	-	-	36	19.1	-	-	-	39	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	22-Mar-06	pond	Hills	-	-	-	-	-	-	-	-	8.24	7.6	-	8	-	-	-	-	-	38	22.1	-	-	-	37	-	-	-	-
Pond 2	B	5-Apr-06	discharge	Hills	-	-	-	-	-	-	-	-	7.9	7.69	-	7.9	-	-	-	-	-	21	20.8	-	-	-	22	-	-	-	-
Pond 2	C	19-Apr-06	discharge	Hills	<0.0001	-	13.4	0.0027	-	0.0025	0.14	-	5.8	7.4	-	7.9	-	0.054	6.62	51.5	234	25	19	-	-	-	29	-	0.004	0.011	-
Pond 2	B	3-May-06	pond	Hills	-	-	-	-	-	-	-	-	5.03	7.05	-	7.7	-	-	-	-	-	158	15.8	0.8	-	-	195	-	-	-	-
Pond 2	B	17-May-06	pond	Hills	-	-	-	-	-	-	-	-	5.35	7.05	-	7.5	-	-	-	-	-	73	11.7	-	-	-	80	-	-	-	-
Pond 2	B	31-May-06	discharge	Hills	-	-	-	-	-	-	-	-	8.47	7.36	-	7.9	-	-	-	-	-	50	13.5	-	-	-	56	-	-	-	-
Pond 2	C	14-Jun-06	pond	Hills	<0.0001	-	7.42	0.0014	-	0.0036	<0.05	-	10.97	7.57	-	8.4	-	0.256	5.25	20.9	83.1	66	10.7	-	-	-	93	-	0.001	0.018	-
Pond 2	B	28-Jun-06	discharge	Hills	-	-	-	-	-	-	-	-	11.65	7.3	-	8	-	-	-	-	-	9	6.9	-	-	-	53	-	-	-	-
Pond 2	B	12-Jul-06	discharge	Hills	-	-	-	-	-	-	-	-	10.2	7.5	-	8	-	-	-	-	-	19	12	-	-	-	39	-	-	-	-
Pond 2	B	26-Jul-06	discharge	Hills	-	-	-	-	-	-	-	-	10.12	7.47	-	8.1	-	-	-	-	-	22	10.3	-	-	-	33	-	-	-	-
Pond 2	B	9-Aug-06	discharge	Hills	-	-	-	-	-	-	-	-	8.98	7.11	-	7.9	-	-	-	-	-	44	12.2	-	-	-	72	-	-	-	-
Pond 2	C	23-Aug-06	discharge	Hills	< 0.0001	-	7.11	0.0007	-	0.003	0.08	-	10.86	7.44	-	8	-	0.056	2.93	18.8	77.8	22	9.9	-	-	-	54	-	0.003	0.018	-
Pond 2	B	5-Sep-06	discharge	Hills	-	-	-	-	-	-	-	-	10.19	7.35	-	8.1	-	-	-	-	-	10	14	-	-	-	26	-	-	-	-
Pond 2	B	19-Sep-06	discharge	Hills	-	-	-	-	-	-	-	-	9.76	7.18	-	7.9	-	-	-	-	-	24	13.4	-	-	-	41	-	-	-	-
Pond 2	B	4-Oct-06	pond	Hills	-	-	-	-	-	-	-	-	7.93	7.08	-	7.9	-	-	-	-	-	47	17.8	-	-	-	61	-	-	-	-
Pond 2	C	18-Oct-06	discharge	Hills	< 0.0001	-	5.09	0.0008	-	0.0022	< 0.05	-	10.95	7.65	-	8.1	-	0.041	4.05	13.7	63.9	17	14.7	-	-	-	23	-	0.001	0.006	-
Pond 2	B	1-Nov-06	discharge	Hills	-	-	-	-	-	-	<0.05	-	10.5	8.18	-	8.5	-	-	-	-	-	8	16.1	-	-	-	12	-	-	-	-
Pond 2	B	14-Nov-06	discharge	Hills	-	-	-	-	-	-	-	-	10.04	8.74	-	9.4	-	-	-	-	-	9	18.1	-	-	-	12	-	-	-	-
Pond 2	B	29-Nov-06	discharge	Hills	-	-	-	-	-	-	-	-	9.25	8.34	-	9.3	-	-	-	-	-	6	16.2	-	-	-	9	-	-	-	-
Pond 2	C	6-Dec-06	discharge	Hills	< 0.0001	-	6.57	0.0129	-	0.0031	< 0.05	-	6.85	8.65	-	9.2	-	0.116	6.77	24.3	62.4	10	17	-	-	-	11	-	< 0.001	0.003	-
Pond 2	B	20-Dec-06	pond	Hills	-	-	-	-	-	-	-	-	4.02	7.95	-	8.4	-	-	-	-	-	18	19	-	-	-	17	-	-	-	-
Pond 2	B	10-Jan-07	pond	Hills	-	-	-	-	-	-	-	-	4.85	6.98	-	7.7	-	-	-	-	-	44	21.1	-	-	-	63	-	-	-	-
Pond 2	B	24-Jan-07	pond	Hills	-	-	-	-	-	-	-	-	11.7	8.22	-	8.4	-	-	-	-	-	22	26	-	-	-	25	-	-	-	-
Pond 2	C	7-Feb-07	pond	Hills	< 0.0001	-	5.48	0.0045	-	0.0016	< 0.05	-	13.45	7.57	-	9.2	-	0.553	11.5	32.1	20.6	169	22.4	-	-	-	143	-	< 0.001	0.009	-
Pond 2	B	21-Feb-07	pond	Hills	-	-	-	-	-	-	-	-	3.25	7.2	-	7.6	-	-	-	-	-	149	21.7	-	-	-	216	-	-	-	-
Pond 2	B	7-Mar-07	pond	Hills	-	-	-	-	-	-	-	-	4.72	7.7	-	7.9	-	-	-	-	-	91	22.2	-	-	-	93	-	-	-	-
Pond 2	B	21-Mar-07	pond	Hills	-	-	-	-	-	-	-	-	8.44	7.56	-	7.9	-	-	-	-	-	66	19.8	-	-	-	55	-	-	-	-
Pond 2	B	4-Apr-07	pond	Hills	-	-	-	-	-	-	-	-	6.67	7.23	-	7.7	-	-	-	-	-	54	19.5	-	-	-	53	-	-	-	-
Pond 2	C	18-Apr-07	discharge	Hills	< 0.0001	-	6.86	0.0033	-	0.002	< 0.05	-	7.84	7.21	-	8	-	0.119	6.09	22.8	109	56	16.2	-	-	-	55	-	< 0.001	0.013	-
Pond 2	B	2-May-07	pond	Hills	-	-	-	-	-	-	-	-	9.9	7.65	-	8.1	-	-	-	-	-	49	18.8	-	-	-	48	-	-	-	-
Pond 2	B	16-May-07	pond	Hills	-	-	-	-	-	-	-	-	7.45	7.31	-	8	-	-	-	-	-	62	16.6	-	-	-	64	-	-	-	-
Pond 2	C	13-Jun-07	pond	Hills	< 0.0001	-	8.91	0.0011	-	0.0022	< 0.05	-	8.08	7.55	-	8	-	0.134	6.92	29.1	135	47	12.9	-	-	-	46	-	< 0.001	0.013	-
Pond 2	B	27-Jun-07	discharge	Hills	-	-	-	-	-	-	-	-	10.44	7.83	-	8	-	-	-	-	-	35	10.2	-	-	-	37	-	-	-	-
Pond 2	B	11-Jul-07	discharge	Hills	-	-	-	-	-	-	-	-	10.09	7.64	-	7.9	-	-	-	-	-	97	10.9	-	-	-	127	-	-	-	-
Pond 2	B	24-Jul-07	discharge	Hills	-	-	-	-	-	-	-	-	10.17	7.52	-	7.9	-	-	-	-	-	31	10.7	-	-	-	43	-	-	-	-
Pond 2	B	8-Aug-07	discharge	Hills	-	-	-	-	-	-	-	-	9.92	7.66	-	8.1	-	-	-	-	-	52	11.7	-	-	-	60	-	-	-	-
Pond 2	C	22-Aug-07	pond	Hills	< 0.0001	-	5.4	0.0009	-	0.0016	< 0.05	-	8.3	7.42	-	8.1	-	0.047	3.4	14.5	49.2	47	13.2	-	-	-	66	-	0.002	0.011	-
Pond 2	B	5-Sep-07	discharge	Hills	-	-	-	-	-	-	-	-	10.02	7.65	-	8	-	-	-	-	-	28	14	-	-	-	39	-	-	-	-
Pond 2	B	19-Sep-07	discharge	Hills	-	-	-	-	-	-	-	-	9.61	7.82	-	8.2	-	-	-	-	-	9	19.2	-	-	-	13	-	-	-	-
Pond 2	B	3-Oct-07	pond	Hills	-	-	-	-	-	-	-	-	8.25	7.45	-	7.7	-	-	-	-	-	282	14	-	-	-	405	-	-	-	-
Pond 2	C	17-Oct-07	pond	Hills	< 0.0001	-	4.74	0.0016	-	0.0021	< 0.05	-	9.34	7.8	-	8.2	-	0.071	2.42	12.6	40.1	62	18	-	-	-	80	-	0.002	0.016	-
Pond 2	B	31-Oct-07	discharge	Hills	-	-	-	-	-	-	-	-	9.75	7.22	-	8.2	-	-	-	-	-	19	16.8	-	-	-	29	-	-	-	-
Pond 2	B	13-Nov-07	discharge	Hills	-	-	-	-	-	-	-	-	11.88	7.61	-	8.3	-	-	-	-	-	11	18.7	-	-	-	16	-	-	-	-
Pond 2	B	28-Nov-07	discharge	Hills	-	-	-	-	-	-	-	-	9.8	7.06	-	8.7	-	-	-	-	-	15	17.6	-	-	-	22	-	-	-	-
Pond 2	C	5-Dec-07	discharge	Hills	0.00025	-	6.1	0.0023	-	0.002	0.0086	-	8.88	7.18	-	8.6	-	0.033	2.3	24	71	12	19.3	-	-	-	18	-	< 0.0010	0.0051	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	19-Dec-07	discharge	Hills	-	-	-	-	-	-	-	-	8.42	7.7	-	8.6	-	-	-	-	-	12	21.1	-	-	-	16	-	-	-	-
Pond 2	B	9-Jan-08	discharge	Hills	-	-	-	-	-	-	-	-	6.9	7.05	-	7.6	-	-	-	-	-	<3	21.5	-	-	-	4	-	-	-	-
Pond 2	B	23-Jan-08	pond	Hills	-	-	-	-	-	-	-	-	4.06	7.46	-	7.8	-	-	-	-	-	13	24.2	-	-	-	12	-	-	-	-
Pond 2	C	5-Feb-08	discharge	Hills	< 0.00010	-	9.1	0.056	-	0.0017	3.8	-	5.78	7.66	-	7.3	-	0.089	7.5	35	50	14	25.5	-	-	-	17	-	< 0.0010	0.004	-
Pond 2	B	20-Feb-08	discharge	Hills	-	-	-	-	-	-	-	-	6.55	7.78	-	8.1	-	-	-	-	-	27	20.9	-	-	-	22	-	-	-	-
Pond 2	B	5-Mar-08	discharge	Hills	-	-	-	-	-	-	-	-	7.62	7.71	-	7.9	-	-	-	-	-	5.6	19.9	-	-	-	7	-	-	-	-
Pond 2	B	19-Mar-08	discharge	Hills	-	-	-	-	-	-	-	-	9	8.16	-	8.2	-	-	-	-	-	< 3.0	21.7	-	-	-	4	-	-	-	-
Pond 2	B	2-Apr-08	discharge	Hills	-	-	-	-	-	-	-	-	7.35	7.7	-	7.7	-	-	-	-	-	< 3.0	19.3	-	-	-	2	-	-	-	-
Pond 2	C	15-Apr-08	discharge	Hills	< 0.00010	-	7.9	< 0.00050	-	0.0021	< 0.050	-	8.18	7.81	-	7.9	-	0.072	6	29	99	48	17.7	-	-	-	4	-	0.0018	0.014	-
Pond 2	B	30-Apr-08	discharge	Hills	-	-	-	-	-	-	-	-	9.04	-	-	8	-	-	-	-	-	14	19.2	-	-	-	21	-	-	-	-
Pond 2	B	14-May-08	discharge	Hills	-	-	-	-	-	-	-	-	8.22	7.23	-	7.7	-	-	-	-	-	13	13.6	-	-	-	25	-	-	-	-
Pond 2	B	28-May-08	discharge	Hills	-	-	-	-	-	-	-	-	9.21	7.69	-	7.8	-	-	-	-	-	< 3.0	11.5	-	-	-	6	-	-	-	-
Pond 2	C	11-Jun-08	discharge	Hills	< 0.00010	-	8.4	0.0078	-	0.003	< 0.050	-	9.78	8.08	-	8.1	-	0.044	6.9	27	130	< 3.0	12.4	-	-	-	5	-	0.0027	0.0035	-
Pond 2	B	25-Jun-08	discharge	Hills	-	-	-	-	-	-	-	-	9.61	7.6	-	8.1	-	-	-	-	-	43	11.5	-	-	-	79	-	-	-	-
Pond 2	B	9-Jul-08	discharge	Hills	-	-	-	-	-	-	-	-	10.17	-	-	7.9	-	-	-	-	-	31	8.4	-	-	-	59	-	-	-	-
Pond 2	B	23-Jul-08	discharge	Hills	-	-	-	-	-	-	-	-	9.95	-	-	7.8	-	-	-	-	-	36	12.1	-	-	-	45	-	-	-	-
Pond 2	B	6-Aug-08	discharge	Hills	-	-	-	-	-	-	-	-	8.16	7.48	-	7.7	-	-	-	-	-	23	11.8	-	-	-	54	-	-	-	-
Pond 2	C	20-Aug-08	discharge	Hills	< 0.00010	-	5.6	0.0015	-	0.0017	0.05	-	10.04	8.2	-	7.9	-	0.048	2.9	14	42	42	10.7	-	-	-	59	-	0.002	0.017	-
Pond 2	B	3-Sep-08	discharge	Hills	-	-	-	-	-	-	-	-	9.3	8.19	-	8.2	-	-	-	-	-	14	14.6	-	-	-	24	-	-	-	-
Pond 2	B	16-Sep-08	discharge	Hills	-	-	-	-	-	-	-	-	9.36	8.22	-	8.1	-	-	-	-	-	10	15.9	-	-	-	23	-	-	-	-
Pond 2	B	1-Oct-08	pond	Hills	-	-	-	-	-	-	-	-	8.62	8.2	-	8.1	-	-	3.6	-	-	11	14.4	-	-	-	12	-	-	-	-
Pond 2	C	15-Oct-08	pond	Hills	< 0.00010	-	7.2	0.0097	-	0.0017	< 0.050	-	8.15	8.02	-	8	-	0.033	3.4	18	63	7.2	20.6	-	-	-	9	-	0.0039	0.0083	-
Pond 2	B	29-Oct-08	pond	Hills	-	-	-	-	-	-	-	-	8.13	7.97	-	8.1	-	-	-	-	-	17	18	-	-	-	9	-	-	-	-
Pond 2	B	11-Nov-08	discharge	Hills	-	-	-	-	-	-	-	-	8.97	8.2	-	8.2	-	-	-	-	-	3.2	19.1	-	-	-	6	-	-	-	-
Pond 2	B	26-Nov-08	discharge	Hills	-	-	-	-	-	-	-	-	8.66	8.24	-	8	-	-	-	-	-	3.6	20.3	-	-	-	6	-	-	-	-
Pond 2	C	3-Dec-08	discharge	Hills	< 0.00010	-	6	0.00089	-	0.0015	< 0.050	-	8.31	8.15	-	8.1	-	0.022	2	19	76	3.4	20.4	-	-	-	7	-	0.0019	0.006	-
Pond 2	B	17-Dec-08	discharge	Hills	-	-	-	-	-	-	-	-	8.32	8.03	-	8	-	-	-	-	-	3.8	20.1	-	-	-	6	-	-	-	-
Pond 2	B	7-Jan-09	discharge	Hills	-	-	-	-	-	-	-	-	6.18	8.25	-	8.1	-	-	-	-	-	3.8	22.6	-	-	-	3	-	-	-	-
Pond 2	B	21-Jan-09	discharge	Hills	-	-	-	-	-	-	-	-	7.11	8.1	-	8.1	-	-	-	-	-	< 3.0	19.2	-	-	-	3	-	-	-	-
Pond 2	C	4-Feb-09	pond	Hills	< 0.00010	-	7.4	< 0.00050	-	0.0014	< 0.050	-	6.29	7.58	-	8	-	0.028	3.3	26	68	11	25	-	-	-	10	-	< 0.0010	0.0038	-
Pond 2	B	18-Feb-09	pond	Hills	-	-	-	-	-	-	-	-	10.54	8.16	-	8.3	-	-	-	-	-	5.4	23.9	-	-	-	4	-	-	-	-
Pond 2	B	4-Mar-09	discharge	Hills	-	-	-	-	-	-	-	-	7.45	7.67	-	8	-	-	-	-	-	8	22	-	-	-	8	-	-	-	-
Pond 2	B	18-Mar-09	discharge	Hills	-	-	-	-	-	-	-	-	10.26	8.31	-	8.4	-	-	-	-	-	< 3.0	20.8	-	-	-	4	-	-	-	-
Pond 2	C	1-Apr-09	discharge	Hills	< 0.00010	-	6	0.0033	-	0.0012	0.05	-	9.65	9.34	-	9.1	-	0.027	6	23	61	3.5	18.6	-	-	-	3	-	0.0012	0.0049	-
Pond 2	B	15-Apr-09	pond	Hills	-	-	-	-	-	-	-	-	11.14	8.86	-	9.1	-	-	-	-	-	< 3.0	19.6	-	-	-	4	-	-	-	-
Pond 2	B	29-Apr-09	pond	Hills	-	-	-	-	-	-	-	-	9.6	8.65	-	8.4	-	-	-	-	-	< 3.0	19.6	-	-	-	2	-	-	-	-
Pond 2	B	12-May-09	pond	Hills	-	-	-	-	-	-	-	-	9.45	7.58	-	7.9	-	-	-	-	-	30	11.7	-	-	-	15	-	-	-	-
Pond 2	B	27-May-09	pond	Hills	-	-	-	-	-	-	-	-	10.54	7.72	-	8	-	-	-	-	-	11	11.7	-	-	-	17	-	-	-	-
Pond 2	C	10-Jun-09	discharge	Hills	< 0.00010	-	8.3	0.0038	-	0.002	0.06	-	9.58	7.85	-	7.9	-	0.073	5.8	21	110	75	14.6	-	-	-	77	-	0.0023	0.013	-
Pond 2	B	24-Jun-09	discharge	Hills	-	-	-	-	-	-	-	-	11.91	7.92	-	8	-	-	-	-	-	< 3.0	7.5	-	-	-	7	-	-	-	-
Pond 2	B	8-Jul-09	discharge	Hills	-	-	-	-	-	-	-	-	10.01	7.48	-	8	-	-	-	-	-	18	10.8	-	-	-	30	-	-	-	-
Pond 2	B	22-Jul-09	discharge	Hills	-	-	-	-	-	-	-	-	11.92	8.25	-	8.3	-	-	-	-	-	23	14.1	-	-	-	36	-	-	-	-
Pond 2	C	5-Aug-09	discharge	Hills	< 0.00010	-	7.2	< 0.00050	-	0.0016	< 0.050	-	11.6	7.76	-	8.2	-	0.019	3.7	17	74	< 3.0	11.9	-	-	-	6	-	0.0015	0.0035	-
Pond 2	B	18-Aug-09	discharge	Hills	-	-	-	-	-	-	-	-	10.23	8.06	-	8.1	-	-	-	-	-	3.6	14.4	-	-	-	8	-	-	-	-
Pond 2	B	2-Sep-09	discharge	Hills	-	-	-	-	-	-	-	-	9.79	7.99	-	8	-	-	-	-	-	6.9	14.3	-	-	-	14	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	15-Sep-09	discharge	Hills	-	-	-	-	-	-	-	-	9.38	8.39	-	8.2	-	-	-	-	-	< 3.0	15.1	-	-	-	3	-	-	-	-
Pond 2	C	30-Sep-09	discharge	Hills	< 0.00010	-	5.5	0.00064	-	0.0014	< 0.050	-	9.32	7.98	-	8	-	0.033	2.3	15	66	34	16.5	-	-	-	36	-	0.0019	0.013	-
Pond 2	B	14-Oct-09	discharge	Hills	-	-	-	-	-	-	-	-	10.45	8.53	-	8.3	-	-	-	-	-	< 3.0	15.7	-	-	-	3	-	-	-	-
Pond 2	B	28-Oct-09	discharge	Hills	-	-	-	-	-	-	-	-	9.15	8.44	-	8.2	-	-	-	-	-	< 3.0	15.2	-	-	-	2	-	-	-	-
Pond 2	B	10-Nov-09	discharge	Hills	-	-	-	-	-	-	-	-	8.35	7.89	-	8	-	-	-	-	-	24	16.1	-	-	-	22	-	-	-	-
Pond 2	B	25-Nov-09	discharge	Hills	-	-	-	-	-	-	-	-	7.54	8.05	-	7.9	-	-	-	-	-	64	17	-	-	-	59	-	-	-	-
Pond 2	C	2-Dec-09	pond	Hills	< 0.00010	-	6.7	< 0.00050	-	0.0017	< 0.050	-	4.01	7.62	-	7.6	-	0.022	6.2	22	42	19	21.6	-	-	-	22	-	< 0.0010	0.0059	-
Pond 2	B	16-Dec-09	discharge	Hills	-	-	-	-	-	-	-	-	6.99	7.78	-	7.9	-	-	-	-	-	3.9	20.8	-	-	-	8	-	-	-	-
Pond 2	B	8-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	-	8.22	-	8.2	-	-	-	-	-	18	24.1	-	-	-	22	-	-	-	-
Pond 2	B	20-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	5.41	7.75	-	7.8	-	-	-	-	-	13	24.7	-	-	-	15	-	-	-	-
Pond 2	C	3-Feb-10	pond	Hills	< 0.00010	-	5.9	< 0.00050	-	0.0016	< 0.050	-	12.37	8.53	-	8.2	-	0.029	7.6	25	68	4.6	25	-	-	-	4	-	< 0.0010	0.002	-
Pond 2	B	17-Feb-10	pond	Hills	-	-	-	-	-	-	-	-	3.39	7.84	-	7.6	-	-	-	-	-	71	24.5	-	-	-	46	-	-	-	-
Pond 2	B	3-Mar-10	pond	Hills	-	-	-	-	-	-	-	-	2.42	7.52	-	7.6	-	-	-	-	-	21	22.1	-	-	-	15	-	-	-	-
Pond 2	B	26-May-10	pond	Hills	-	-	-	-	-	-	-	-	7.52	7.53	-	7.7	-	-	-	-	-	48	13.5	-	-	-	50	-	-	-	-
Pond 2	C	9-Jun-10	pond	Hills	< 0.00010	-	8.6	0.0163	-	0.003	0.06	-	6.77	7.58	-	7.6	-	-	6.5	25	148	32	13.2	-	-	-	37	-	0.025	0.048	-
Pond 2	B	23-Jun-10	discharge	Hills	-	-	-	-	-	-	-	-	9.15	8.04	-	7.9	-	-	-	-	-	18	12.9	-	-	-	23	-	-	-	-
Pond 2	B	7-Jul-10	pond	Hills	-	-	-	-	-	-	-	-	8.49	7.98	-	7.8	-	-	-	-	-	64	12.1	-	-	-	81	-	-	-	-
Pond 2	B	21-Jul-10	discharge	Hills	-	-	-	-	-	-	-	-	10.6	7.8	-	7.9	-	-	-	-	-	19	11.8	-	-	-	24	-	-	-	-
Pond 2	C	4-Aug-10	discharge	Hills	< 0.00010	-	7	0.001	-	0.0018	-	-	9.52	7.71	-	8	-	-	3.7	19.8	93	42	14.2	-	-	-	44	-	0.0073	0.03	-
Pond 2	B	18-Aug-10	discharge	Hills	-	-	-	-	-	-	-	-	9.2	7.65	-	8	-	-	-	-	-	27	14.2	-	-	-	16	-	-	-	-
Pond 2	B	1-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	9.1	7.82	-	7.9	-	-	-	-	-	26	13.9	-	-	-	30	-	-	-	-
Pond 2	B	14-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	8.42	7.88	-	8	-	-	-	-	-	22	16.2	-	-	-	26	-	-	-	-
Pond 2	C	27-Sep-10	discharge	Hills	< 0.00010	-	8.2	0.0032	-	0.0022	-	-	8.9	7.97	-	8.1	-	-	3.2	24	98	11	17.3	-	-	-	12	-	0.0069	0.0109	-
Pond 2	B	13-Oct-10	discharge	Hills	-	-	-	-	-	-	-	-	9.86	8.06	-	8.2	-	-	-	-	-	14	13.6	-	-	-	15	-	-	-	-
Pond 2	B	27-Oct-10	discharge	Hills	-	-	-	-	-	-	-	-	7.36	7.77	-	7.9	-	-	-	-	-	17	19.8	-	-	-	17	-	-	-	-
Pond 2	B	10-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	7.31	7.81	-	7.8	-	-	-	-	-	36	22	-	-	-	32	-	-	-	-
Pond 2	B	24-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	6.47	7.69	-	7.9	-	-	-	-	-	57	18.7	-	-	-	50	-	-	-	-
Pond 2	C	1-Dec-10	pond	Hills	< 0.00010	-	10	0.055	-	0.0014	-	-	10.06	8.2	-	7.8	-	-	5.4	33	182	40	22.6	-	-	-	24	-	0.0039	0.0115	-
Pond 2	B	15-Dec-10	pond	Hills	-	-	-	-	-	-	-	-	14.16	8.84	-	7.7	-	-	-	-	-	49	25.4	-	-	-	34	-	-	-	-
Pond 2	B	5-Jan-11	pond	Hills	-	-	-	-	-	-	-	-	8.37	7.66	-	7.8	-	-	-	-	-	9	27.4	-	-	-	4	-	-	-	-
Pond 2	B	19-Jan-11	pond	Hills	-	-	-	-	-	-	-	-	6.41	7.56	-	7.4	-	-	-	-	-	< 3	24.4	-	-	-	4	-	-	-	-
Pond 2	(F)	25-Jan-11	SP2A pond	Hills	-	-	8.4	-	-	-	-	-	-	7.4	-	7.7	-	-	-	-	-	-	24.4	-	-	-	-	-	0.006	-	-
Pond 2	C	2-Feb-11	discharge	Hills	< 0.00010	-	7.1	0.0018	-	0.0016	-	-	8.18	7.59	-	7.7	-	-	7.2	27	126	28	22.9	-	-	-	53	-	0.0032	0.0103	-
Pond 2	B	16-Feb-11	discharge	Hills	-	-	-	-	-	-	-	-	6.04	7.51	-	7.5	-	-	-	-	-	125	24.3	-	-	-	120	-	-	-	-
Pond 2	B	2-Mar-11	de-silting	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	30-Mar-11	discharge	Hills	< 0.00010	-	6.4	0.0018	-	0.002	-	-	8.09	7.75	-	7.8	-	-	6.5	28	157	16	19.5	-	-	-	31	-	0.0024	0.0055	-
Pond 2	B	13-Apr-11	de-silting	Hills	-	-	-	-	-	-	-	-	9.57	8.01	-	7.7	-	-	-	-	-	9	19.1	-	-	-	11	-	-	-	-
Pond 2	B	28-Apr-11	pond	Hills	-	-	-	-	-	-	-	-	-	7.46	-	7.9	-	-	-	-	-	31	17.8	-	-	-	66	-	-	-	-
Pond 2	B	11-May-11	discharge	Hills	-	-	-	-	-	-	-	-	8.25	7.45	-	7.8	-	-	-	-	-	29	17	-	-	-	57	-	-	-	-
Pond 2	B	25-May-11	discharge	Hills	-	-	-	-	-	-	-	-	9.56	7.99	-	8	-	-	-	-	-	11	14.9	-	-	-	31	-	-	-	-
Pond 2	C	8-Jun-11	discharge	Hills	< 0.00010	-	6.7	0.0056	-	0.0024	-	-	9.18	7.85	-	8.2	-	-	5.4	18.3	64	33	14.9	-	-	-	43	-	0.005	0.0164	-
Pond 2	B	22-Jun-11	discharge	Hills	-	-	-	-	-	-	-	-	9.16	7.85	-	8	-	-	-	-	-	63	14.6	-	-	-	83	-	-	-	-
Pond 2	B	6-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	10.47	8.25	-	7.7	-	-	-	-	-	29	11.6	-	-	-	46	-	-	-	-
Pond 2	B	20-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	10.71	7.99	-	8	-	-	-	-	-	39	11.1	-	-	-	53	-	-	-	-
Pond 2	C	3-Aug-11	discharge	Hills	0.00015	-	5	0.0118	-	0.002	-	-	9.93	7.99	-	8	-	-	2.9	12.7	34	17	11.5	-	-	-	37	-	0.0077	0.018	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	17-Aug-11	discharge	Hills	-	-	-	-	-	-	-	-	11.12	8.25	-	8.2	-	-	-	-	-	<5	9.5	-	-	-	24	-	-	-	-
Pond 2	B	31-Aug-11	discharge	Hills	-	-	-	-	-	-	-	-	10.17	8.38	-	8.2	-	-	-	-	-	4	15.4	-	-	-	-	-	-	-	-
Pond 2	B	14-Sep-11	discharge	Hills	-	-	-	-	-	-	-	-	10.47	8.55	-	8.3	-	-	-	-	-	7	13.5	-	-	-	8	-	-	-	-
Pond 2	C	28-Sep-11	discharge	Hills	< 0.00010	-	7.2	0.0092	-	0.0019	-	-	11.4	8.62	-	8.4	-	-	3.5	20	71	< 3	15	-	-	-	5	-	< 0.0010	0.0036	-
Pond 2	B	12-Oct-11	discharge	Hills	-	-	-	-	-	-	-	-	9.4	8.23	-	8.1	-	-	-	-	-	9	17.8	-	-	-	12	-	-	-	-
Pond 2	B	26-Oct-11	discharge	Hills	-	-	-	-	-	-	-	-	7.51	8.15	-	8	-	-	-	-	-	4	18.8	-	-	-	9	-	-	-	-
Pond 2	B	9-Nov-11	discharge	Hills	-	-	-	-	-	-	-	-	10.08	8.42	-	8.4	-	-	-	-	-	4	19.7	-	-	-	7	-	-	-	-
Pond 2	B	22-Nov-11	discharge	Hills	-	-	-	-	-	-	-	-	8.48	8.97	-	9.1	-	-	-	-	-	10	18.5	-	-	-	13	-	-	-	-
Pond 2	C	30-Nov-11	pond	Hills	< 0.00010	-	5.5	0.0006	-	0.0009	-	-	10.13	10.1	-	9.8	-	-	1.87	20	72	12	21.3	-	-	-	12	-	< 0.0010	0.0029	-
Pond 2	B	14-Dec-11	pond	Hills	-	-	-	-	-	-	-	-	9.76	9.68	-	9.4	-	-	-	-	-	14	20.4	-	-	-	13	-	-	-	-
Pond 2	B	9-Jan-12	discharge	Hills	-	-	-	-	-	-	-	-	8.01	7.98	-	7.9	-	-	-	-	-	5	21.5	-	-	-	4	-	-	-	-
Pond 2	B	18-Jan-12	discharge	Hills	-	-	-	-	-	-	-	-	8.38	8.04	-	8.1	-	-	-	-	-	< 3	22.4	-	-	-	3	-	-	-	-
Pond 2	C	1-Feb-12	discharge	Hills	< 0.00010	-	7.1	< 0.0005	-	0.0019	-	-	12.89	7.45	-	8.5	-	-	7.1	20	85	< 3	22.6	-	-	-	2	-	0.0019	0.0021	-
Pond 2	B	15-Feb-12	discharge	Hills	-	-	-	-	-	-	-	-	8.06	8.1	-	8.1	-	-	-	-	-	7	20.7	-	-	-	2	-	-	-	-
Pond 2	B	29-Feb-12	discharge	Hills	-	-	-	-	-	-	-	-	6.95	7.92	-	7.8	-	-	-	-	-	< 3	21.2	-	-	-	2	-	-	-	-
Pond 2	B	14-Mar-12	discharge	Hills	-	-	-	-	-	-	-	-	7.7	7.82	-	7.4	-	-	-	-	-	5	20.5	-	-	-	8	-	-	-	-
Pond 2	C	28-Mar-12	discharge	Hills	< 0.00010	-	4.7	0.0031	-	0.0017	-	-	7.6	7.87	-	7.9	-	-	6.9	15	63	7	18.5	-	-	-	10	-	0.0019	0.0044	-
Pond 2	B	11-Apr-12	discharge	Hills	-	-	-	-	-	-	-	-	8.5	8.05	-	8.1	-	-	-	-	-	4	19.8	-	-	-	4	-	-	-	-
Pond 2	B	23-Apr-12	discharge	Hills	-	-	-	-	-	-	-	-	10.03	8.3	-	8	-	-	-	-	-	3	16.9	-	-	-	4	-	-	-	-
Pond 2	B	9-May-12	discharge	Hills	-	-	-	-	-	-	-	-	9.85	8.06	-	8.1	-	-	-	-	-	22	16.4	-	-	-	24	-	-	-	-
Pond 2	B	23-May-12	discharge	Hills	-	-	-	-	-	-	-	-	9.36	7.86	-	7.9	-	-	-	-	-	9	12.4	-	-	-	19	-	-	-	-
Pond 2	C	6-Jun-12	discharge	Hills	< 0.00010	-	6.2	0.0017	-	0.001	-	-	12.76	8.18	-	8.2	-	-	6.8	17.3	73	14	14.2	-	-	-	9	-	0.0013	0.0031	-
Pond 2	B	20-Jun-12	discharge	Hills	-	-	-	-	-	-	-	-	11.37	8.37	-	8.2	-	-	-	-	-	5	10.5	-	-	-	7	-	-	-	-
Pond 2	B	4-Jul-12	discharge	Hills	-	-	-	-	-	-	-	-	10.52	8.07	-	8	-	-	-	-	-	122	11	-	-	-	124	-	-	-	-
Pond 2	B	18-Jul-12	discharge	Hills	-	-	-	-	-	-	-	-	9.75	7.58	-	7.9	-	-	-	-	-	14	10.2	-	-	-	26	-	-	-	-
Pond 2	C	1-Aug-12	pond	Hills	< 0.00010	-	3.6	0.0007	-	0.001	-	-	7.3	7.75	-	7.8	-	-	3.6	9.9	30	92	11.6	-	-	-	96	-	< 0.0010	0.0107	-
Pond 2	B	15-Aug-12	discharge	Hills	-	-	-	-	-	-	-	-	9.39	7.95	-	7.9	-	-	-	-	-	31	13.2	-	-	-	41	-	-	-	-
Pond 2	B	29-Aug-12	discharge	Hills	-	-	-	-	-	-	-	-	10.38	8.12	-	8	-	-	-	-	-	4	13	-	-	-	12	-	-	-	-
Pond 2	B	12-Sep-12	discharge	Hills	-	-	-	-	-	-	-	-	10.22	8.28	-	8.2	-	-	-	-	-	9	13.2	-	-	-	16	-	-	-	-
Pond 2	C	26-Sep-12	discharge	Hills	< 0.00010	-	4.3	0.001	-	0.0015	-	-	11.11	8.45	-	8.2	-	-	2.7	10.8	34	< 3	15.3	-	-	-	5	-	0.0013	0.0021	-
Pond 2	B	10-Oct-12	discharge	Hills	-	-	-	-	-	-	-	-	10.38	9.63	-	7.8	-	-	-	-	-	3	-	-	-	-	3	-	-	-	-
Pond 2	B	24-Oct-12	pond	Hills	-	-	-	-	-	-	-	-	11.85	9.85	-	9.4	-	-	-	-	-	10	18	-	-	-	22	-	-	-	-
Pond 2	B	7-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	11.33	9.88	-	9.6	-	-	-	-	-	11	18.4	-	-	-	10	-	-	-	-
Pond 2	B	21-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	11.95	10.21	-	9.7	-	-	-	-	-	6	19.6	-	-	-	6	-	-	-	-
Pond 2	C	5-Dec-12	pond	Hills	0.0001	-	3.2	0.0041	-	0.0012	-	-	10.15	10.27	-	9.5	-	-	3.3	18.2	30	15	20.9	-	-	-	9	-	0.001	0.0023	-
Pond 2	B	19-Dec-12	pond	Hills	-	-	-	-	-	-	-	-	7.72	8.48	-	8.1	-	-	-	-	-	5	23.7	-	-	-	4	-	-	-	-
Pond 2	B	9-Jan-13	pond	Hills	-	-	-	-	-	-	-	-	7.51	8.38	-	8	-	-	-	-	-	10	23	-	-	-	6	-	-	-	-
Pond 2	C	23-Jan-13	pond	Hills	0.0001	-	4.4	0.0005	-	0.0012	-	-	8.9	8.76	-	8.4	-	-	4.3	16.2	23	6	23.1	-	-	-	5	-	0.001	0.0017	-
Pond 2	B	5-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	7.38	8.56	-	8.3	-	-	-	-	-	5	22.9	-	-	-	7	-	-	-	-
Pond 2	B	20-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	11.38	9.69	-	9.1	-	-	-	-	-	3	24.8	-	-	-	5	-	-	-	-
Pond 2	B	6-Mar-13	pond	Hills	-	-	-	-	-	-	-	-	9.97	9.65	-	9.1	-	-	-	-	-	7	22.4	-	-	-	8	-	-	-	-
Pond 2	C	20-Mar-13	pond	Hills	0.0001	-	4.2	0.0005	-	0.0015	-	-	7.24	8.55	-	7.9	-	-	4.9	21	17.2	5	20.4	-	-	-	5	-	0.001	< 0.0011	-
Pond 2	B	3-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	10.31	8.97	-	8.4	-	-	-	-	-	6	20.8	-	-	-	7	-	-	-	-
Pond 2	B	17-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	10.38	9.42	-	8.6	-	-	-	-	-	4	18.9	-	-	-	6	-	-	-	-
Pond 2	B	1-May-13	pond	Hills	-	-	-	-	-	-	-	-	10.66	9.11	-	8.5	-	-	-	-	-	3	18.2	-	-	-	3	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	15-May-13	discharge	Hills	-	-	-	-	-	-	-	-	7.98	7.83	-	7.8	-	-	-	-	-	12	12.8	-	-	-	14	-	-	-	-
Pond 2	C	29-May-13	discharge	Hills	*0.0001*	-	9.3	0.0166	-	0.0019	-	-	9.81	8.05	-	8	-	-	6.9	29	162	9	11.4	-	-	-	12	-	0.003	0.0066	-
Pond 2	B	12-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	9.1	7.9	-	7.8	-	-	-	-	-	21	13.3	-	-	-	30	-	-	-	-
Pond 2	B	26-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	11.02	8.06	-	7.9	-	-	-	-	-	19	10.9	-	-	-	24	-	-	-	-
Pond 2	B	10-Jul-13	discharge	Hills	-	-	-	-	-	-	-	-	10.9	8.13	-	8.2	-	-	-	-	-	6	11.3	-	-	-	9	-	-	-	-
Pond 2	C	24-Jul-13	discharge	Hills	*0.0001*	-	11	0.0023	-	0.0019	-	-	12.65	8.41	-	8.3	-	-	5.5	29	162	4	12	-	-	-	4	-	0.008	0.0145	-
Pond 2	B	6-Aug-13		Hills	-	-	-	-	-	-	-	-	11.83	8.63	-	8.4	-	-	-	-	-	5	16.9	-	-	-	15	-	-	-	-
Pond 2	B	20-Aug-13		Hills	-	-	-	-	-	-	-	-	9.69	7.95	-	7.8	-	-	-	-	-	25	14	-	-	-	28	-	-	-	-
Pond 2	B	3-Sep-13	discharge	Hills	-	-	-	-	-	-	-	-	9.74	8.1	-	8	-	-	-	-	-	6	15	-	-	-	10	-	-	-	-
Pond 2	C	18-Sep-13	discharge	Hills	*0.0001*	-	6.3	0.0125	-	0.0016	-	-	9	7.9	-	7.9	-	-	4.4	15.8	72	9	14.2	-	-	-	14	-	0.007	0.022	-
Pond 2	B	2-Oct-13	discharge	Hills	-	-	-	-	-	-	-	-	13.62	8.26	-	8	-	-	-	-	-	44	16.3	-	-	-	35	-	-	-	-
Pond 2	B	16-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	11.54	9.27	-	8.6	-	-	-	-	-	11	19.3	-	-	-	20	-	-	-	-
Pond 2	B	30-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	12.92	10.3	-	9.7	-	-	-	-	-	4	20.5	-	-	-	6	-	-	-	-
Pond 2	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	12.92	10.3	-	-	-	-	-	-	-	-	20.5	-	-	-	6	-	-	-	-
Pond 2	B	12-Nov-13	pond	Hills	-	-	-	-	-	-	-	-	10.9	10.22	-	9.6	-	-	-	-	-	3	20.3	-	-	-	5	-	-	-	-
Pond 2	C	26-Nov-13	pond	Hills	*0.0001*	-	3	0.002	-	0.0012	-	-	8.83	9.62	-	9.3	-	-	2	13.9	31	6	26.3	-	-	-	7	-	0.002	0.0192	-
Pond 2	B	18-Dec-13	pond	Hills	-	-	-	-	-	-	-	-	7.02	8.38	-	8.2	-	-	-	-	-	*3*	24.3	-	-	-	2	-	-	-	-
Pond 2	B	3-Jan-14	pond	Hills	-	-	-	-	-	-	-	-	9	9.44	-	9.1	-	-	-	-	-	*3*	24.8	-	-	-	3	-	-	-	-
Pond 2	C	14-Jan-14	pond	Hills	*0.0001*	-	4	0.0009	-	0.0009	-	-	7.48	8.18	-	8.4	-	-	2.9	16.2	32	*3*	21.5	-	-	-	2	-	0.001	0.0015	-
Pond 2	B	30-Jan-14	pond	Hills	-	-	-	-	-	-	-	-	7.43	9.2	-	9	-	-	-	-	-	*3*	22.4	-	-	-	1	-	-	-	-
Pond 2	B	13-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	5.75	8.15	-	8	-	-	-	-	-	*3*	22.8	-	-	-	2	-	-	-	-
Pond 2	B	27-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	9.6	8.63	-	8.4	-	-	-	-	-	*3*	22.7	-	-	-	2	-	-	-	-
Pond 2	C	11-Mar-14	pond	Hills	*0.0001*	-	4.4	*0.0005*	-	0.001	-	-	8.43	8.84	-	8.7	-	-	4.5	18.2	32	*3*	19.1	-	-	-	1	-	0.002	0.0031	-
Pond 2	B	25-Mar-14	pond	Hills	-	-	-	-	-	-	-	-	7.5	7.77	-	8.1	-	-	-	-	-	*3*	21	-	-	-	2	-	-	-	-
Pond 2	B	9-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	11.45	8.6	-	8.6	-	-	-	-	-	*3*	20.8	-	-	-	3	-	-	-	-
Pond 2	B	28-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	11.19	8	-	8.1	-	-	-	-	-	*3*	17.4	-	-	-	3	-	-	-	-
Pond 2	B	6-May-14	pond	Hills	-	-	-	-	-	-	-	-	11.64	7.94	-	8.2	-	-	-	-	-	*3*	17	-	-	-	3	-	-	-	-
Pond 2	C	21-May-14	pond	Hills	*0.0001*	-	5.4	*0.0005*	-	0.0009	-	-	11.41	7.75	-	8	-	-	5.3	20	33	*3*	15.4	-	-	-	3	-	0.001	0.0019	-
Pond 2	B	5-Jun-14	pond	Hills	-	-	-	-	-	-	-	-	14.3	8.37	-	8.1	-	-	-	-	-	*3*	14.7	-	-	-	3	-	-	-	-
Pond 2	B	18-Jun-14	discharge	Hills	-	-	-	-	-	-	-	-	8.31	7.97	-	7.8	-	-	-	-	-	23	14.3	-	-	-	30	-	-	-	-
Pond 2	B	2-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	8.92	7.84	-	8	-	-	-	-	-	13	13	-	-	-	18	-	-	-	-
Pond 2	C	15-Jul-14	discharge	Hills	*0.0001*	-	7.1	0.0083	-	0.0021	-	-	8.72	7.91	-	8	-	-	7	19	81	11	12.7	-	-	-	15	-	0.007	0.0108	-
Pond 2	B	30-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	11.93	8.02	-	8.1	-	-	-	-	-	*5*	12	-	-	-	6	-	-	-	-
Pond 2	B	14-Aug-14	discharge	Hills	-	-	-	-	-	-	-	-	11.68	7.81	-	8.1	-	-	-	-	-	4	11.5	-	-	-	4	-	-	-	-
Pond 2	B	25-Aug-14	discharge	Hills	-	-	-	-	-	-	-	-	11.3	7.92	-	8.1	-	-	-	-	-	4	15	-	-	-	5	-	-	-	-
Pond 2	B	11-Sep-14	discharge	Hills	-	-	-	-	-	-	-	-	7.22	8.1	-	8.1	-	-	-	-	-	11	16.3	-	-	-	6	-	-	-	-
Pond 2	C	23-Sep-14	discharge	Hills	*0.0001*	-	6.7	0.0017	-	0.0018	-	-	10.21	8.02	-	8	-	-	3.5	17.2	69	28	14.7	-	-	-	27	-	0.004	0.0116	-
Pond 2	B	7-Oct-14	discharge	Hills	-	-	-	-	-	-	-	-	11.22	8.34	-	8.3	-	-	-	-	-	*3*	16.9	-	-	-	11	-	-	-	-
Pond 2	B	16-Oct-14	discharge	Hills	-	-	-	-	-	-	-	-	7.94	8	-	8	-	-	-	-	-	*3*	20	-	-	-	2	-	-	-	-
Pond 2	B	4-Nov-14	discharge	Hills	-	-	-	-	-	-	-	-	8.91	8.08	-	8	-	-	-	-	-	10	18.4	-	-	-	12	-	-	-	-
Pond 2	C	19-Nov-14	discharge	Hills	*0.0001*	-	7.7	0.0049	-	0.0033	-	-	9.06	8.15	-	8.1	-	-	4.8	24	80	5	19.3	-	-	-	8	-	0.006	0.0112	-
Pond 2	B	1-Dec-14	discharge	Hills	-	-	-	-	-	-	-	-	8.12	8.4	-	8.2	-	-	-	-	-	*3*	19.4	-	-	-	1	-	-	-	-
Pond 2	B	23-Dec-14	discharge	Hills	-	-	-	-	-	-	-	-	7.93	7.72	-	7.8	-	-	-	-	-	62	21.4	-	-	-	63	-	-	-	-
Pond 2	B	5-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	10.4	7.28	-	7.6	-	-	-	-	-	7	26.8	-	-	-	3	-	-	-	-
Pond 2	C	19-Jan-15	pond	Hills	*0.0001*	-	7.5	*0.0005*	-	0.0017	-	-	8.03	8.2	-	8	-	-	6.9	25	78	4	29.6	-	-	-	4	-	0.002	0.005	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	29-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	6.08	7.76	-	7.8	-	-	-	-	-	3	27.6	-	-	-	3	-	-	-	-
Pond 2	B	10-Feb-15	pond	Hills	-	-	-	-	-	-	-	-	6.05	7.06	-	7.8	-	-	-	-	-	7	23.1	-	-	-	4	-	-	-	-
Pond 2	B	24-Feb-15	pond	Hills	-	-	-	-	-	-	-	-	3.3	7	-	7.6	-	-	-	-	-	8	23.3	-	-	-	6	-	-	-	-
Pond 2	C	12-Mar-15	pond	Hills	*0.0001*	-	8.6	*0.0005*	-	0.0013	-	-	8.41	7.75	-	7.9	-	-	9.7	28	67	18	24	-	-	-	12	-	0.001	0.0027	-
Pond 2	B	26-Mar-15	pond	Hills	-	-	-	-	-	-	-	-	11.42	8.35	-	8.2	-	-	-	-	-	29	22	-	-	-	17	-	-	-	-
Pond 2	B	9-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	9.6	8.2	-	8.1	-	-	-	-	-	21	21.5	-	-	-	13	-	-	-	-
Pond 2	B	21-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	14.1	9	-	8.5	-	-	-	-	-	24	20	-	-	-	12	-	-	-	-
Pond 2	B	6-May-15	pond	Hills	-	-	-	-	-	-	-	-	9.83	7.92	-	8.1	-	-	-	-	-	26	16.5	-	-	-	17	-	-	-	-
Pond 2	C	19-May-15	discharge	Hills	*0.0001*	-	11.1	0.0015	-	0.0021	-	-	9.78	7.86	-	8.1	-	-	8.5	45	161	33	15	-	-	-	14	-	0.006	0.0181	-
Pond 2	B	3-Jun-15	pond	Hills	-	-	-	-	-	-	-	-	10.3	7.76	-	7.8	-	-	-	-	-	11	14.2	-	-	-	13	-	-	-	-
Pond 2	B	16-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	11.2	7.86	-	8.1	-	-	-	-	-	13	12.5	-	-	-	14	-	-	-	-
Pond 2	B	29-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	11.2	8.02	-	8.2	-	-	-	-	-	13	12.9	-	-	-	12	-	-	-	-
Pond 2	C	14-Jul-15	discharge	Hills	0.00012	-	10	0.003	-	0.0024	-	-	11.4	8	-	8.2	-	-	7.6	31	139	10	9.9	-	-	-	10	-	0.026	0.059	-
Pond 2	B	30-Jul-15	discharge	Hills	-	-	-	-	-	-	-	-	9.8	7.8	-	8	-	-	-	-	-	18	13.3	-	-	-	21	-	-	-	-
Pond 2	B	12-Aug-15	discharge	Hills	-	-	-	-	-	-	-	-	10.5	7.54	-	8	-	-	-	-	-	14	11.4	-	-	-	24	-	-	-	-
Pond 2	B	24-Aug-15	discharge	Hills	-	-	-	-	-	-	-	-	11.27	8	-	8	-	-	-	-	-	8	13.4	-	-	-	9	-	-	-	-
Pond 2	B	8-Sep-15	discharge	Hills	-	-	-	-	-	-	-	-	8.37	7.88	-	8	-	-	-	-	-	17	13.7	-	-	-	22	-	-	-	-
Pond 2	C	22-Sep-15	discharge	Hills	0.00012	-	6.5	0.0074	-	0.0024	-	-	7.5	8.2	-	8.2	-	-	3.6	15.5	62	8	14.6	-	-	-	7	-	0.018	0.034	-
Pond 2	B	8-Oct-15	discharge	Hills	-	-	-	-	-	-	-	-	5.76	8.13	-	8.2	-	-	-	-	-	4	18.8	-	-	-	5	-	-	-	-
Pond 2	B	21-Oct-15	discharge	Hills	-	-	-	-	-	-	-	-	6.91	8.11	-	8.2	-	-	-	-	-	7	16.4	-	-	-	6	-	-	-	-
Pond 2	B	4-Nov-15	discharge	Hills	-	-	-	-	-	-	-	-	6.66	8.31	-	8.2	-	-	-	-	-	5	17.8	-	-	-	6	-	-	-	-
Pond 2	C	17-Nov-15	discharge	Hills	0.0001	-	5.7	0.007	-	0.0018	-	-	5.65	8.4	-	8.34	-	-	2	18.8	64	4	18	-	-	-	6	-	0.006	0.0123	-
Pond 2	B	30-Nov-15	discharge	Hills	-	-	-	-	-	-	-	-	6.78	8.97	-	8.4	-	-	-	-	-	3	19.7	-	-	-	4	-	-	-	-
Pond 2	B	15-Dec-15	pond	Hills	-	-	-	-	-	-	-	-	6.31	9.32	-	9.1	-	-	-	-	-	3	19.6	-	-	-	4	-	-	-	-
Pond 2	B	5-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	8.91	8.91	-	8.9	-	-	-	-	-	28	23	-	-	-	37	-	-	-	-
Pond 2	C	12-Jan-16	pond	Hills	*0.0001*	-	6.1	0.0018	-	0.001	-	-	10.04	9.8	-	9.5	-	-	5.1	23	47	68	24	-	-	-	108	-	0.002	0.0045	-
Pond 2	B	27-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	7.11	8.89	-	8.4	-	-	-	-	-	28	26.6	-	-	-	29	-	-	-	-
Pond 2	B	9-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	5.38	8.26	-	8.2	-	-	-	-	-	59	25.2	-	-	-	49	-	-	-	-
Pond 2	B	24-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	5.23	7.98	-	8.1	-	-	-	-	-	27	26.9	-	-	-	17	-	-	-	-
Pond 2	C	9-Mar-16	pond	Hills	*0.0001*	-	7.4	0.001	-	0.0019	-	-	6.33	8.02	-	8	-	-	6.5	26	60	13	22.1	-	-	-	11	-	*0.001*	0.004	-
Pond 2	B	23-Mar-16	pond	Hills	-	-	-	-	-	-	-	-	4.57	7.7	-	7.9	-	-	-	-	-	19	22.6	-	-	-	11	-	-	-	-
Pond 2	B	6-Apr-16	pond	Hills	-	-	-	-	-	-	-	-	6.79	7.8	-	8	-	-	-	-	-	12	20.8	-	-	-	9	-	-	-	-
Pond 2	B	3-May-16	discharge	Hills	-	-	-	-	-	-	-	-	9.6	6.69	-	8.0	-	-	-	-	-	13	17	-	-	-	14	-	-	-	-
Pond 2	C	18-May-16	pond	Hills	*0.0001*	-	7.7	0.0009	-	0.0014	-	-	4.8	7.3	-	7.8	-	-	6.5	28	70	22	17.6	-	-	-	19	-	*0.001*	0.0076	-
Pond 2	B	3-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	5.3	7.2	-	7.7	-	-	-	-	-	6	13	-	-	-	13	-	-	-	-
Pond 2	B	18-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	6	7.6	-	7.9	-	-	-	-	-	3	14.8	-	-	-	7	-	-	-	-
Pond 2	B	29-Jun-16	discharg	Hills	-	-	-	-	-	-	-	-	5.6	7.4	-	7.9	-	-	-	-	-	14	13	-	-	-	18	-	-	-	-
Pond 2	B	13-Jul-16	Pond	Hills	-	-	-	-	-	-	-	-	4.9	7.1	-	7.7	-	-	-	-	-	8	11	-	-	-	14	-	-	-	-
Pond 2	B	26-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.3	-	8.0	-	-	-	-	-	15	13	-	-	-	12	-	-	-	-
Pond 2	H	12-Aug-16	discharge	Hills	*0.0001*	-	5.9	*0.0005*	-	0.0001	-	-	5.8	7.3	-	8.0	-	-	4.5	14.1	53	67	10	-	-	-	105	-	0.002	0.0172	-
Pond 2	B	25-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	5.7	7.6	-	8.0	-	-	-	-	-	11	14	-	-	-	28	-	-	-	-
Pond 2	B	7-Sep-16	pond	Hills	-	-	-	-	-	-	-	-	5.9	7.25	-	8.0	-	-	-	-	-	7	14	-	-	-	11	-	-	-	-
Pond 2	B	22-Sep-16	discharge	Hills	-	-	-	-	-	-	-	-	5.5	7.7	-	8.0	-	-	-	-	-	15	16	-	-	-	15	-	-	-	-
Pond 2	B	4-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	5.1	7.8	-	7.9	-	-	-	-	-	28	17	-	-	-	28	-	-	-	-
Pond 2	B	20-Oct-16	Pond	Hills	-	-	-	-	-	-	-	-	5.2	7.8	-	8.3	-	-	-	-	-	7	20	-	-	-	8	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	3-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	4.9	8.1	-	8.2	-	-	-	-	-	37	18	-	-	-	18	-	-	-	-
Pond 2	C	22-Nov-16	Pond	Hills	*0.0001*	-	4.9	0.0009	-	0.0018	-	-	8.5	8.6	-	8.7	-	-	1.37	12.2	45	3	20	-	-	-	3.4	-	0.002	0.0028	-
Pond 2	B	30-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	7.6	8.2	-	8.8	-	-	-	-	-	11	21	-	-	-	8	-	-	-	-
Pond 2	O&G	12-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	7.8	8.2	-	8.7	-	-	-	-	-	17	22	-	-	-	9	-	-	-	-
Pond 2	B	5-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	7.8	7.8	-	8.2	-	-	-	-	-	*34*	22	-	-	-	7	-	-	-	-
Pond 2	C	12-Jan-17	Pond	Hills	*0.00013*	-	5.4	*0.0015*	-	0.0014	-	-	7.4	7.7	-	7.8	-	-	-	-	-	*42*	20	-	-	-	40	-	0.001	0.0105	-
Pond 2	B	31-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	7.2	7.4	-	7.6	-	-	-	-	-	*196*	22	-	-	-	38	-	-	-	-
Pond 2	H	9-Feb-17	Pond	Hills	*0.0001*	-	8.2	*0.105*	-	0.0023	-	-	6.4	7.9	-	8	-	-	7.8	25	159	*51*	18	-	-	-	26	-	*0.001*	0.0149	-
Pond 2	B	22-Feb-17	Pond	Hills	-	-	-	-	-	-	-	-	7.2	7.9	-	8	-	-	-	-	-	17	22	-	-	-	18	-	-	-	-
Pond 2	B	9-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	6.5	7.7	-	7.8	-	-	-	-	-	13	20	-	-	-	26	-	-	-	-
Pond 2	B	22-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	5.9	7.7	-	7.8	-	-	-	-	-	38	22	-	-	-	19	-	-	-	-
Pond 2	B	3-Apr-17	Pond	Hills	-	-	-	-	-	-	-	-	6.3	7.4	-	7.8	-	-	-	-	-	15	22	-	-	-	10	-	-	-	-
Pond 2	B	20-Apr-17	Discharge	Hills	-	-	-	-	-	-	-	-	6.2	7.8	-	7.9	-	-	-	-	-	12	18	-	-	-	12	-	-	-	-
Pond 2	B	5-May-17	Pond	Hills	-	-	-	-	-	-	-	-	6	8	-	8.1	-	-	-	-	-	15	15	-	-	-	13	-	-	-	-
Pond 2	C	31-May-17	Pond	Hills	*0.0001*	-	5	0.0017	-	0.0014	-	-	6.2	7.6	-	7.8	-	-	4.9	10.4	42	17	14	-	-	-	28	-	0.002	0.0067	-
Pond 2	B	13-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	6.4	7.9	-	8.1	-	-	-	-	-	18	13	-	-	-	19	-	-	-	-
Pond 2	B	27-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	6.7	8	-	8	-	-	-	-	-	18	13	-	-	-	29	-	-	-	-
Pond 2	B	11-Jul-17	Pond	Hills	-	-	-	-	-	-	-	-	6.1	8	-	8	-	-	-	-	-	14	12	-	-	-	22	-	-	-	-
Pond 2	B	27-Jul-17	discharge	Hills	-	-	-	-	-	-	-	-	5.9	8	-	8.1	-	-	-	-	-	13	11	-	-	-	9	-	-	-	-
Pond 2	B	15-Aug-17	discharge	Hills	-	-	-	-	-	-	-	-	6.8	7.78	-	8	-	-	-	-	-	23	11	-	-	-	20	-	-	-	-
Pond 2	H	30-Aug-17	Pond	Hills	*0.0001*	-	6.1	*0.0022*	-	0.0019	-	-	6.7	7.7	-	7.9	-	-	3.1	13.1	66	26	14	-	-	-	25	-	0.002	0.0093	-
Pond 2	B	14-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	6.2	8	-	8.2	-	-	-	-	-	10	15	-	-	-	6.8	-	-	-	-
Pond 2	B	28-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	6.7	7.9	-	8	-	-	-	-	-	20	18	-	-	-	-	-	-	-	-
Pond 2	B	11-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	6.8	7.96	-	7.9	-	-	-	-	-	9	18.5	-	-	-	5.8	-	-	-	-
Pond 2	B	26-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	9.78	8.37	-	8.1	-	-	-	-	-	5	18	-	-	-	5	-	-	-	-
Pond 2	B	9-Nov-17	Pond	Hills	-	-	-	-	-	-	-	-	8.1	8.9	-	9.3	-	-	-	-	-	6	18	-	-	-	7	-	-	-	-
Pond 2	C	23-Nov-17	Pond	Hills	*0.0001*	-	4.7	0.0024	-	0.0016	-	-	8.78	9.8	-	9.89	-	-	1.23	14.9	60	3	23.4	-	-	-	1.9	-	*0.001*	0.0013	-
Pond 2	B	6-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	8	9.8	-	9.9	-	-	-	-	-	7	24	-	-	-	10	-	-	-	-
Pond 2	B	21-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	9.4	9.89	-	9.7	-	-	-	-	-	3	24	-	-	-	1	-	-	-	-
Pond 2	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	7.75	7.67	-	7.6	-	-	-	-	-	4	28	-	-	-	1.8	-	-	-	-
Pond 2	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	7.46	7.6	-	7.6	-	-	-	-	-	34	25	-	-	-	19	-	-	-	-
Pond 2	H	8-Feb-18	Pond	Hills	*0.0001*	-	6	*0.005*	-	0.0022	-	-	8.22	7.9	-	7.8	-	-	7.7	17.2	75	11	23	-	-	-	7.5	-	0.003	0.0074	-
Pond 2	B	28-Feb-18	Pond	Hills	-	-	5.2	-	-	-	-	-	6.8	7.9	-	8.1	-	-	7	13.3	-	7	22	1.2	-	-	7	-	-	-	-
Pond 2	B	8-Mar-18	Pond	Hills	-	-	5.6	-	-	-	-	-	9.3	8.53	-	8.1	-	-	6.6	14.2	-	8	24	1.22	-	-	3.5	-	-	-	-
Pond 2	B	29-Mar-18	Pond	Hills	-	-	4.6	-	-	-	-	-	7.91	7.2	-	6.8	-	-	7.2	10.8	-	8	22.3	1.18	-	-	3.1	-	-	-	-
Pond 2	B	12-Apr-18	Pond	Hills	-	-	4.2	-	-	-	-	-	9.02	7.77	-	8.2	-	-	7	11.7	-	19	17	0.96	-	-	14.7	-	-	-	-
Pond 2	B	24-Apr-18	Pond	Hills	-	-	4.3	-	-	-	-	-	9.37	8.28	-	8.2	-	-	6.7	11.9	-	11	19	0.95	-	-	6.7	-	-	-	-
Pond 2	B	9-May-18	Pond	Hills	-	-	4.5	-	-	-	-	-	8.7	7.75	-	8.1	-	-	7.1	12.2	-	7	16.1	0.76	-	-	5.1	-	-	-	-
Pond 2	C	29-May-18	Pond	Hills	*0.0001*	-	6.3	0.001	-	0.0028	-	-	9.54	7.64	-	8	-	-	6.1	24	67	27	13.5	0.64	-	-	33	-	0.002	0.009	-
Pond 2	B	14-Jun-18	discharge	Hills	-	-	5.2	-	-	-	-	-	9.5	7.85	-	8.1	-	-	4.8	21	-	46	13.8	0.78	-	-	46.5	-	-	-	-
Pond 2	B	28-Jun-18	Pond	Hills	-	-	5	-	-	-	-	-	9.55	7.85	-	7.9	-	-	4.1	17.6	-	24	10.1	0.78	-	-	20.2	-	-	-	-
Pond 2	B	16-Jul-18	Pond	Hills	-	-	4.5	-	-	-	-	-	10	8.05	-	8.1	-	-	3	11.5	-	47	14.2	0.52	-	-	71	-	-	-	-
Pond 2	B	26-Jul-18	discharge	Hills	-	-	4.4	-	-	-	-	-	10	7.99	-	8.2	-	-	2.9	10.8	-	12	11.3	0.5	-	-	14	-	-	-	-
Pond 2	B	9-Aug-18	Pond	Hills	-	-	5.3	-	-	-	-	-	10.33	7.98	-	8.1	-	-	3.3	12.8	-	18	13	0.64	-	-	20	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	H	23-Aug-18	Pond	Hills	*0.0001*	-	5.8	0.005	-	0.0018	-	-	10.5	8.06	-	8.1	-	-	3.1	14.2	62	*8*	13.2	0.42	-	-	7.3	-	0.0011	0.0026	-
Pond 2	B	11-Sep-18	Pond	Hills	-	-	6	-	-	-	-	-	11	8	-	8.1	-	-	2.5	13.5	-	4	14.7	0.41	-	-	9	-	-	-	-
Pond 2	B	25-Sep-18	Pond	Hills	-	-	6	-	-	-	-	-	10.4	-	-	8.3	-	-	1.58	13.6	-	3	16.4	0.38	-	-	5	-	-	-	-
Pond 2	B	9-Oct-18	Pond	Hills	-	-	5.6	-	-	-	-	-	9.61	9.61	-	9.4	-	-	0.44	13.8	-	*3*	18.2	0.5	-	-	5	-	-	-	-
Pond 2	B	23-Oct-18	Pond	Hills	-	-	4.6	-	-	-	-	-	10.84	10.07	-	9.9	-	-	0.21	13.9	-	9	20.6	0.51	-	-	8	-	-	-	-
Pond 2	B	6-Nov-18	Pond	Hills	-	-	4.1	-	-	-	-	-	11.2	9.95	-	10	-	-	0.32	14.2	-	6	18.2	0.54	-	-	6	-	-	-	-
Pond 2	C	20-Nov-18	Pond	Hills	*0.0001*	-	4.3	0.0062	-	0.0011	-	-	11.84	9.9	-	9.9	-	-	0.37	15.5	49	6	21.2	0.67	-	-	6	-	*0.0010*	0.0014	-
Pond 2	B	6-Dec-18	Discharge	Hills	-	-	4.4	-	-	-	-	-	7.92	8.4	-	7.9	-	-	3.1	13.8	-	37	20.6	0.65	-	-	64	-	-	-	-
Pond 2	B	20-Dec-18	Pond	Hills	-	-	4.2	-	-	-	-	-	7.54	7.73	-	7.9	-	-	3.9	14.8	-	22	21.2	0.68	-	-	10	-	-	-	-
Pond 2	B	8-Jan-19	Discharge	Hills	-	-	4.8	-	-	-	-	-	6.1	7.76	-	7.9	-	-	6.2	11.4	-	47	25.6	0.99	-	-	35	-	-	-	-
Pond 2	B	22-Jan-19	Pond	Hills	-	-	5.4	-	-	-	-	-	9.15	8.11	-	8.2	-	-	7.5	13.4	-	33	24.4	1.08	-	-	21	-	-	-	-
Pond 2	H	7-Feb-19	Pond	Hills	0.00014	-	5.7	0.0011	-	0.0025	-	-	5.61	7.73	-	7.9	-	-	8.7	14.8	28	73	23.4	1.54	-	-	46.6	-	*0.0010*	0.0100	-
Pond 2	B	20-Feb-19	Pond	Hills	-	-	6.5	-	-	-	-	-	9.12	7.84	-	8.00	-	-	9.7	18.2	-	56	24.5	1.27	-	-	47	-	-	-	-
Pond 2	B	7-Mar-19	Pond	Hills	-	-	6.5	-	-	-	-	-	9.1	8.6	-	8.00	-	-	10	19.6	-	32	21.9	1.14	-	-	24	-	-	-	-
Pond 2	B	27-Mar-19	Pond	Hills	-	-	7.2	-	-	-	-	-	7.7	7.97	-	8.10	-	-	9.7	23	-	74	21	1.51	-	-	40	-	-	-	-
Pond 2	B	10-Apr-19	Pond	Hills	-	-	6.8	-	-	-	-	-	10.1	8.01	-	8.10	-	-	7.8	21	-	51	19.5	1.42	-	-	27	-	-	-	-
Pond 2	B	26-Apr-19	Pond	Hills	-	-	6.6	-	-	-	-	-	10.5	8.31	-	8.30	-	-	6.7	21	-	13	18.4	1.16	-	-	10	-	-	-	-
Pond 2	B	15-May-19	Pond	Hills	-	-	6.1	-	-	-	-	-	10.61	8.01	-	8.00	-	-	5.9	22	-	16	16.3	4.4	-	-	13	-	-	-	-
Pond 2	C	27-May-19	Pond	Hills	*0.00010*	-	6.7	0.0007	-	0.0020	-	-	10.91	7.91	-	8	-	-	5.9	23	59	16	17.1	0.86	-	-	12	-	*0.0010*	0.0028	-
Pond 2	B	11-Jun-19	Pond	Hills	-	-	6.5	-	-	-	-	-	10.19	7.73	-	8	-	-	5.7	22	-	8	15.4	0.72	-	-	13	-	-	-	-
Pond 2	B	25-Jun-19	Pond	Hills	-	-	8.3	-	-	-	-	-	13.17	7.77	-	8.1	-	-	5.2	24	-	4	13.3	0.52	-	-	5	-	-	-	-
Pond 2	B	9-Jul-19	Discharge	Hills	-	-	8.4	-	-	-	-	-	9.75	7.70	-	7.9	-	-	6.3	23	-	21	11.9	0.58	-	-	20	-	-	-	-
Pond 2	B	22-Jul-19	Discharge	Hills	-	-	9.4	-	-	-	-	-	10.5	7.82	-	8.1	-	-	5.9	22	-	8	13	0.51	-	-	8.2	-	-	-	-
Pond 2	B	6-Aug-19	Discharge	Hills	-	-	9.9	-	-	-	-	-	11.72	7.82	-	8.1	-	-	5.1	24	-	6	11	0.39	-	-	6	-	-	-	-
Pond 2	H	21-Aug-19	Pond	Hills	*0.00010*	-	9.3	0.0025	-	0.0023	-	-	13.44	7.91	-	8	-	-	4.4	23	134	*6*	12.8	0.44	-	-	3.8	-	0.0016	0.0043	-
Pond 2	B	3-Sep-19	Pond	Hills	-	-	8.8	-	-	-	-	-	13.5	7.85	-	8.3	-	-	3.8	21	-	*3*	14.6	0.42	-	-	5	-	-	-	-
Pond 2	B	18-Sep-19	Pond	Hills	-	-	6.5	-	-	-	-	-	12.75	7.9	-	8.2	-	-	2.8	15	-	4	16.4	0.3	-	-	12	-	-	-	-
Pond 2	B	1-Oct-19	Discharge	Hills	-	-	7.2	-	-	-	-	-	10.25	7.88	-	8.2	-	-	2.8	17.1	-	4	14.5	0.3	-	-	5	-	-	-	-
Pond 2	B	18-Oct-19	Pond	Hills	-	-	5.7	-	-	-	-	-	12.5	8.8	-	9.2	-	-	3	16.8	-	22	17	0.58	-	-	5	-	-	-	-
Pond 2	B	5-Nov-19	Pond	Hills	-	-	6.9	-	-	-	-	-	12.7	8.8	-	8.8	-	-	4.2	18.6	-	7	26	0.47	-	-	5	-	-	-	-
Pond 2	C	19-Nov-19	Pond	Hills	*0.00010*	-	6.3	*0.0005*	-	0.0017	-	-	10.56	8.21	-	8.1	-	-	4.5	18.1	56	4	21.5	0.46	-	-	2.3	-	*0.0010*	0.0012	-
Pond 2	B	2-Dec-19	Pond	Hills	-	-	6.3	-	-	-	-	-	10.5	8.1	-	8.3	-	-	5.3	19.4	-	5	26.2	0.46	-	-	5	-	-	-	-
Pond 2	B	17-Dec-19	Pond	Hills	-	-	5.8	-	-	-	-	-	8.15	7.9	-	8	-	-	5.5	20	-	6	23	0.54	-	-	5	-	-	-	-
Pond 2	B	7-Jan-20	Pond	Hills	-	-	5	-	-	-	-	-	10.5	8.97	-	9	-	-	5.4	23	-	*3*	19.2	0.63	-	-	4	-	-	-	-
Pond 2	B	22-Jan-20	Pond	Hills	-	-	4.9	-	-	-	-	-	9.22	9.06	-	9	-	-	6	25	-	4	25.5	0.66	-	-	6	-	-	-	-
Pond 2	H	5-Feb-20	Pond	Hills	*0.00010*	-	4.9	0.0034	-	0.0014	-	-	10	8.9	-	9	-	-	6.9	27	29	8	26	1.09	-	-	5	-	*0.0010*	0.0019	-
Pond 2	B	25-Feb-20	Pond	Hills	-	-	5.4	-	-	-	-	-	9.5	8.4	-	8.4	-	-	7	30	-	9	24	0.78	-	-	8	-	-	-	-
Pond 2	B	10-Mar-20	Pond	Hills	-	-	5.2	-	-	-	-	-	10	8.5	-	8.6	-	-	7.6	30	-	4	24	0.9	-	-	5	-	-	-	-
Pond 2	B	23-Mar-20	Pond	Hills	-	-	7	-	-	-	-	-	12.2	8.6	-	8.7	-	-	8.1	33	-	36	22	1.36	-	-	30	-	-	-	-
Pond 2	B	6-Apr-20	Pond	Hills	-	-	6.7	-	-	-	-	-	12.1	8.5	-	8	-	-	8.4	33	-	46	19.4	1.47	-	-	30	-	-	-	-
Pond 2	B	22-Apr-20	Pond	Hills	-	-	7.6	-	-	-	-	-	9.4	7.8	-	7.9	-	-	8.4	35	-	46	20	1.23	-	-	27	-	-	-	-
Pond 2	C	11-May-20	Pond	Hill	0.00012	-	7.3	0.0020	-	0.0022	-	-	16.36	8.61	-	8.5	-	-	8.2	30	51	13	17.6	0.89	-	-	14	-	*0.0010*	0.0023	-
Pond 2	B	26-May-20	Pond	Hills	-	-	6.5	-	-	-	-	-	12.56	8.5	-	8.6	-	-	6.9	28	-	13	18	0.98	-	-	11	-	-	-	-
Pond 2	B	9-Jun-20	Pond	Hills	-	-	7.2	-	-	-	-	-	14.43	8.1	-	8.3	-	-	6.2	27	-	5	13	0.68	-	-	5	-	-	-	-
Pond 2	B	23-Jun-20	Pond	Hills	-	-	7.8	-	-	-	-	-	14.5	8.56	-	8.6	-	-	5.8	27	-	3	13	0.58	-	-	4	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	B	8-Jul-20	Discharge	Hills	-	-	8	-	-	-	-	-	11.1	8.06	-	8	-	-	7.1	20	-	23	11.5	0.74	-	-	23	-	-	-	-
Pond 2	B	23-Jul-20	Pond	Hills	-	-	7.8	-	-	-	-	-	13.5	7.99	-	8	-	-	7	18.8	-	12	12.4	0.23	-	-	16	-	-	-	-
Pond 2	B	11-Aug-20	Discharge	Hills	-	-	8	-	-	-	-	-	9.8	7.7	-	7.8	-	-	6.4	22	-	13	11.5	0.74	-	-	16	-	-	-	-
Pond 2	H	25-Aug-20	Discharge	Hills	*0.00010*	-	7.7	0.0069	-	0.0033	-	-	11.62	8.2	-	8.2	-	-	5.5	19.6	109	15	15.7	0.41	-	-	7	-	0.0077	0.0132	-
Pond 2	B	7-Sep-20	Pond	Hills	-	-	8.4	-	-	-	-	-	>20	9.36	-	8.9	-	-	4.8	22	-	*3*	16.8	0.5	-	-	3.6	-	-	-	-
Pond 2	B	22-Sep-20	Pond	Hills	-	-	8.2	-	-	-	-	-	13.17	9	-	8.6	-	-	4.6	23	-	*3*	18.4	0.38	-	-	2	-	-	-	-
Pond 2	B	6-Oct-20	Pond	Hills	-	-	8.7	-	-	-	-	-	10.22	7.97	-	7.9	-	-	4.7	25	-	4	18.5	0.52	-	-	3	-	-	-	-
Pond 2	B	20-Oct-20	Pond	Hills	-	-	8.5	-	-	-	-	-	10.5	8.1	-	8.2	-	-	4.6	24	-	*3*	21.6	0.46	-	-	3	-	-	-	-
Pond 2	C	4-Nov-20	Pond	Hills	*0.00010*	-	8.5	0.0006	-	0.0021	-	-	10.8	8.1	-	8	-	-	4.6	24	102	4	22.3	0.58	-	-	3	-	*0.0010*	0.0027	-
Pond 2	B	18-Nov-20	Pond	Hill	-	-	8	-	-	-	-	-	10.9	7.9	-	8	-	-	5.3	23	-	*3*	22.2	0.56	-	-	3	-	-	-	-
Pond 2	B	2-Dec-20	Pond	Hill	-	-	7.9	-	-	-	-	-	11.34	8.35	-	8.3	-	-	5.1	25	-	*3*	21.7	0.61	-	-	3	-	-	-	-
Pond 2	B	17-Dec-20	Pond	Hill	-	-	8.9	-	-	-	-	-	11.4	8.67	-	8.8	-	-	4.8	27	-	4	24.4	0.56	-	-	3	-	-	-	-
Pond 2	B	11-Jan-21	Pond	Hill	-	-	8	-	-	-	-	-	11.5	8.3	-	8.3	-	-	5.2	26	-	*3*	26	0.49	-	-	4	-	-	-	-
Pond 2	B	25-Jan-21	Pond	Hill	-	-	8	-	-	-	-	-	10.18	8.2	-	8.2	-	-	5.5	28	-	*3*	23.2	0.47	-	-	4	-	-	-	-
Pond 2	H	10-Feb-21	Pond	Hill	*0.00020*	-	9.6	*0.0010*	-	0.0015	-	-	9.4	7.8	-	7.7	-	-	5.3	30	86	*8*	24	0.52	-	-	3	-	*0.0020*	*0.0021*	-
Pond 2	B	24-Feb-21	Pond	Hill	-	-	8.6	-	-	-	-	-	9.33	7.7	-	7.7	-	-	5.1	29	-	*3*	23.6	0.44	-	-	2.1	-	-	-	-
Pond 2	B	9-Mar-21	Pond	Hill	-	-	9	-	-	-	-	-	9.32	8.27	-	8.2	-	-	4.9	32	-	*3*	21.2	0.54	-	-	2	-	-	-	-
Pond 2	B	25-Mar-21	Pond	Hill	-	-	9.3	-	-	-	-	-	11.44	8.02	-	7.9	-	-	4.8	32	-	*3*	21.7	0.52	-	-	2	-	-	-	-
Pond 2	B	8-Apr-21	Pond	Hill	-	-	9.1	-	-	-	-	-	8.14	7.74	-	7.8	-	-	6.1	41	-	*3*	22.7	0.47	-	-	4	-	-	-	-
Pond 2	B	22-Apr-21	Pond	Hill	-	-	9.8	-	-	-	-	-	11.82	8.1	-	8.1	-	-	7	45	-	6	18.7	0.42	-	-	12	-	-	-	-
Pond 2	B	6-May-21	Pond	Hill	-	-	10	-	-	-	-	-	11.9	8.1	-	8.1	-	-	7.1	44	-	*3*	16	0.37	-	-	3	-	-	-	-
Pond 2	C	20-May-21	Pond	Hill	*0.00010*	-	10	*0.0005*	-	0.0022	-	-	9.4	7.73	-	7.9	-	-	8.2	42	138	*3*	15.5	0.51	-	-	4	-	0.0030	0.0079	-
Pond 2	B	3-Jun-21	Pond	Hill	-	-	9.3	-	-	-	-	-	10.5	8.02	-	8	-	-	7.8	44	-	*3*	14.2	0.42	-	-	4	-	-	-	-
Pond 2	B	17-Jun-21	Pond	Hill	-	-	10.1	-	-	-	-	-	9.7	7.82	-	7.6	-	-	9.1	42	-	*3*	15.1	0.51	-	-	3	-	-	-	-
Pond 2	B	1-Jul-21	Pond	Hill	-	-	8.6	-	-	-	-	-	13.4	8	-	8	-	-	9.4	32	-	4	11	0.53	-	-	4	-	-	-	-
Pond 2	B	16-Jul-21	Pond	Hill	-	-	9.9	-	-	-	-	-	13.5	8	-	8	-	-	8.6	32	-	*3*	11.7	0.46	-	-	4	-	-	-	-
Pond 2	H	2-Aug-21	Pond	Hill	*0.00010*	-	8	0.0011	-	0.0027	-	-	11	8.08	-	7.6	-	-	7.7	23	79	8	14	0.52	-	-	23	-	0.0040	0.0089	-
Pond 2	B	16-Aug-21	Pond	Hill	-	-	8.7	-	-	-	-	-	10.9	7.8	-	7.7	-	-	6.8	26	-	*3*	-	0.41	-	-	4	-	-	-	-
Pond 2	B	30-Aug-21	Pond	Hill	-	-	10	-	-	-	-	-	11	8.1	-	8.1	-	-	6.9	28	-	3	13	0.49	-	-	5	-	-	-	-
Pond 2	B	13-Sep-21	Pond	Hill	-	-	6	-	-	-	-	-	10.9	8.2	-	8.1	-	-	4.9	16.1	-	6	16.3	0.39	-	-	9	-	-	-	-
Pond 2	B	27-Sep-21	Pond	Hill	-	-	6.3	-	-	-	-	-	9.4	7.86	-	7.8	-	-	4.3	19	-	14	15.8	0.82	-	-	22	-	-	-	-
Pond 2	B	11-Oct-21	Pond	Hill	-	-	6.3	-	-	-	-	-	9.2	7.9	-	7.9	-	-	4.8	20	-	5	18.8	0.49	-	-	6	-	-	-	-
Pond 2	B	26-Oct-21	Pond	Hill	-	-	6.8	-	-	-	-	-	9.5	8	-	7.9	-	-	3.9	18.3	-	6	23	0.52	-	-	7	-	-	-	-
Pond 2	C	8-Nov-21	Pond	Hill	*0.00010*	-	8	0.0006	-	0.0027	-	-	10.13	8.1	-	8.1	-	-	4.4	26	76	*3*	22.2	0.43	-	-	4	-	0.0028	0.0038	-
Pond 2	B	23-Nov-21	Pond	Hill	-	-	8.2	-	-	-	-	-	10.4	7.9	-	8	-	-	4.5	23	-	*3*	24.2	0.15	-	-	4	-	-	-	-
Pond 2	B	7-Dec-21	Pond	Hill	-	-	7.1	-	-	-	-	-	10.5	8	-	8	-	-	3.4	26	-	*3*	25.2	0.51	-	-	3	-	-	-	-
Pond 2	B	20-Dec-21	Pond	Hill	-	-	8.3	-	-	-	-	-	10.6	8	-	8.1	-	-	5.2	24	-	*3*	26	0.60	-	-	3	-	-	-	-
Pond 2	B	6-Jan-22	Pond	Hill	-	-	7.7	-	-	-	-	-	10.2	7.8	-	7.7	-	-	5	25	-	*3*	25.6	0.68	-	-	3	-	-	-	-
Pond 2	B	20-Jan-22	Pond	Hill	-	-	8.3	-	-	-	-	-	10.3	7.72	-	8	-	-	5.5	30	-	*3*	25.8	0.74	-	-	1.01	-	-	-	-
Pond 2	B	3-Feb-22	Pond	Hill	-	-	9.5	-	-	-	-	-	9.8	7.57	-	7.8	-	-	5.7	34	-	4	25.1	0.77	-	-	1.03	-	-	-	-
Pond 2	H	17-Feb-22	Pond	Hill	*0.00010*	-	9.7	*0.0005*	-	0.0016	-	-	3.82	7.7	-	7.7	-	-	6.2	35	90	*6*	25.1	0.91	-	-	0.85	-	*0.0010*	0.0012	-
Pond 2	B	7-Mar-22	Pond	Hill	-	-	9.7	-	-	-	-	-	9.28	8.02	-	7.6	-	-	5.6	36	-	3	23.4	1.1	-	-	3.2	-	-	-	-
Pond 2	B	22-Mar-22	Pond	Hill	-	-	8.6	-	-	-	-	-	8.7	7.88	-	7.8	-	-	5	34	-	*3*	22.5	0.71	-	-	3	-	-	-	-
Pond 2	B	5-Apr-22	Pond	Hill	-	-	8.4	-	-	-	-	-	9.2	8.4	-	8.4	-	-	6.4	28	-	4	22.1	0.65	-	-	4	-	-	-	-
Pond 2	B	19-Apr-22	Pond	Hill	-	-	7.9	-	-	-	-	-	9.6	8.6	-	8.3	-	-	6.8	29	-	*3*	19.2	0.67	-	-	3	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	C	9-May-22	Pond	Hill	*0.00010*	-	9.0	0.0077	-	0.0016	-	-	9.5	8.03	-	8.3	-	-	7.7	31	99	4	17.4	0.63	-	-	3	-	*0.0010*	0.0014	-
Pond 2	B	23-May-22	Pond	Hill	-	-	9.6	-	-	-	-	-	9.4	7.9	-	7.9	-	-	8.1	33	-	*3*	15.6	0.67	-	-	3	-	-	-	-
Pond 2	B	8-Jun-22	Discharge	Hill	-	-	8.5	-	-	-	-	-	9.2	7.49	-	7.6	-	-	8.4	25	-	*3*	15.7	0.62	-	-	5	-	-	-	-
Pond 2	B	22-Jun-22	Pond	Hill	-	-	8.4	-	-	-	-	-	9.5	7.5	-	7.8	-	-	8.9	24	-	3	11.5	0.91	-	-	4	-	-	-	-
Pond 2	B	5-Jul-22	Pond	Hill	-	-	8.1	-	-	-	-	-	9.2	7.54	-	7.8	-	-	7.5	21	-	*3*	12.4	0.71	-	-	2	-	-	-	-
Pond 2	B	19-Jul-22	Pond	Hill	-	-	4.9	-	-	-	-	-	8.9	7.73	-	8.1	-	-	5.5	11.3	-	7	12	0.48	-	-	11	-	-	-	-
Pond 2	H	1-Aug-22	Pond	Hill	*0.00010*	-	4.9	0.0119	-	0.0016	-	-	6.88	7.89	-	7.8	-	-	5	11.5	26	*6*	13.1	1.1	-	-	9	-	0.0020	0.0040	-
Pond 2	B	15-Aug-22	Pond	Hill	-	-	4.4	-	-	-	-	-	9.16	8.17	-	8.1	-	-	4.4	10.5	-	8	13.2	0.35	-	-	11	-	-	-	-
Pond 2	B	29-Aug-22	Pond	Hill	-	-	5.8	-	-	-	-	-	7.94	8.03	-	7.9	-	-	5.3	17.2	-	5	16.5	0.46	-	-	7	-	-	-	-
Pond 2	B	12-Sep-22	Discharge	Hill 3075387.2	-	-	4.8	-	-	-	-	-	9.68	7.98	-	8	-	-	4.7	13.5	-	4	16.3	0.44	-	-	16	-	-	-	-
Pond 2	B	27-Sep-22	Pond	Hill 3085123.2	-	-	6.1	-	-	-	-	-	9.7	7.9	-	8	-	-	5	16	-	*3*	16.8	0.47	-	-	4	-	-	-	-
Pond 2	B	10-Oct-22	Pond	Hill 3095159.2	-	-	6.2	-	-	-	-	-	9.5	8.09	-	7.9	-	-	4.3	15.3	-	*3*	16.8	0.52	-	-	5	-	-	-	-
Pond 2	B	25-Oct-22	Pond	Hill 3104306.2	-	-	6.4	-	-	-	-	-	10.7	8.15	-	7.8	-	-	4.5	18.7	-	*3*	19.3	0.54	-	-	3	-	-	-	-
Pond 2	C	8-Nov-22	Pond	Hill 3113793.1	*0.00010*	-	5.1	0.0017	-	0.0019	-	-	10.8	7.51	-	7.5	-	-	6.4	14.1	37	*3*	19.6	0.64	-	-	3	-	*0.0010*	0.0032	-
Pond 2	B	22-Nov-22	Discharge	Hill 3122370.2	-	-	4	-	-	-	-	-	10.6	7.61	-	7.6	-	-	5.9	9.6	-	*3*	21.5	0.69	-	-	2	-	-	-	-
Pond 2	B	6-Dec-22	Pond	Hill 3132692.2	-	-	4.7	-	-	-	-	-	10.9	8.1	-	8.1	-	-	5	11.7	-	*3*	21	0.56	-	-	3	-	-	-	-
Pond 2	B	22-Dec-22	Pond	Hill 3143778.2	-	-	5.3	-	-	-	-	-	11	7.6	-	7.6	-	-	5.8	12.4	-	*3*	26	0.65	-	-	3	-	-	-	-
Pond 2	B	9-Jan-23	Discharge	Hill 3149230.2	-	-	5.8	-	-	-	-	-	12	8	-	8.1	-	-	5.1	13.9	-	*3*	25	0.72	-	-	2	-	-	-	-
Pond 2	B	23-Jan-23	Pond	Hill 3159105.2	-	-	5.5	-	-	-	-	-	7.31	8.21	-	8.1	-	-	4.4	13.6	-	8	27	0.68	-	-	3.5	-	-	-	-
Pond 2	H	7-Feb-23	Pond	Hill 3168184.2	0.00019	-	3.4	0.0006	-	0.0016	-	-	8.4	7.9	-	7.8	-	-	5.5	7.2	10.2	*8*	23	0.55	-	-	17	-	*0.0010*	0.0026	-
Pond 2	B	22-Feb-23	Pond	Hill 3182080.2	-	-	2.5	-	-	-	-	-	7.23	7.45	-	7.8	-	-	3.5	5.1	-	*3*	22.2	0.28	-	-	5	-	-	-	-
Pond 2	B	6-Mar-23	Pond	Hill 3196731.2	-	-	2.5	-	-	-	-	-	9.09	7.42	-	7.7	-	-	3.2	4.5	-	*3*	21.9	0.33	-	-	5	-	-	-	-
Pond 2	B	21-Mar-23	Pond	Hill 3212032.2	-	-	2.8	-	-	-	-	-	9.00	7.73	-	7.7	-	-	3.5	6.2	-	*3*	21	0.34	-	-	4	-	-	-	-
Pond 2	B	7-Apr-23	Pond	Hill 3233901.2	-	-	3.5	-	-	-	-	-	9.14	7.88	-	7.8	-	-	3.5	7.2	-	6	18.8	0.45	-	-	5	-	-	-	-
Pond 2	B	21-Apr-23	Pond	Hill 3252438.2	-	-	3.9	-	-	-	-	-	9.27	8.3	-	7.9	-	-	3.7	9.1	-	6	20.3	0.48	-	-	4	-	-	-	-
Pond 2	C	12-May-23	Pond	Hill 3275086.5	*0.00010*	-	2.8	0.0013	-	0.0013	-	-	9.11	8.29	-	7.9	-	-	4	6.3	11.1	26	15.6	0.53	-	-	49	-	0.0023	0.0086	-
Pond 2	B	30-May-23	Pond	Hill 3290923.2	-	-	4.4	-	-	-	-	-	6.94	7.81	-	7.9	-	-	4.2	9.7	-	5	15.6	0.58	-	-	3	-	-	-	-
Pond 2	B	15-Jun-23	Pond	Hill 3302102.2	-	-	5.1	-	-	-	-	-	9.5	7.83	-	8	-	-	4.1	12	-	*3*	12.5	0.44	-	-	1.77	-	-	-	-
Pond 2	B	22-Jun-23	Pond	Hill 3307617.2	-	-	5.4	-	-	-	-	-	9.44	7.83	-	7.8	-	-	4	12.1	-	*5*	12.1	0.55	-	-	2.19	-	-	-	-
Pond 2	B	12-Jul-23	Pond	Hill 3315701.2	-	-	4.5	-	-	-	-	-	9.55	8	-	8.1	-	-	2.9	9.2	-	16	12	0.41	-	-	27.1	-	-	-	-
Pond 2	B	20-Jul-23	Pond	Hill 3326110.2	-	-	5.5	-	-	-	-	-	9.6	7.69	-	8.3	-	-	3	11.5	-	*3*	15.4	0.36	-	-	3.8	-	-	-	-
Pond 2	B	10-Aug-23	Pond	Hill 3340739.2	-	-	4.8	-	-	-	-	-	9.8	8	-	8	-	-	3.1	11.4	-	4	12.4	0.41	-	-	5.8	-	-	-	-
Pond 2	B	18-Aug-23	Pond	Hill 3345212.2	-	-	5.6	-	-	-	-	-	9.9	8.07	-	8.1	-	-	3.1	12	-	4	12.1	0.43	-	-	11.2	-	-	-	-
Pond 2	B	7-Sep-23	Pond	Hill 3360107.2	-	-	4.9	-	-	-	-	-	9.8	8.02	-	8	-	-	2.9	10.8	-	*3*	14.1	0.44	-	-	5.47	-	-	-	-
Pond 2	B	12-Sep-23	Pond	Hill 336306.2	-	-	4.7	-	-	-	-	-	9.22	7.9	-	8.1	-	-	2.9	10.8	-	11	16.5	0.47	-	-	17.4	-	-	-	-
Pond 2	B	6-Oct-23	Pond	Hill 3381015.2	-	-	8	-	-	-	-	-	9.3	8.32	-	8.3	-	-	4.1	27	-	*3*	17.4	0.58	-	-	2.47	-	-	-	-
Pond 2	B	12-Oct-23	Pond	Hills 3383860.2	-	-	5.1	-	-	-	-	-	9.8	8.13	-	8.1	-	-	2.9	12.5	-	*3*	16.1	0.53	-	-	1.7	-	-	-	-
Pond 2	B	3-Nov-23	Pond	Hill 3399556.2	-	-	5.3	-	-	-	-	-	8.76	8.04	-	8.1	-	-	2.5	13.3	-	*3*	17.6	0.61	-	-	2.1	-	-	-	-
Pond 2	H	8-Nov-23	Pond	Hills 3403609.2	*0.0001*	-	5	*0.0005*	-	0.0012	-	-	8.53	7.83	-	7.9	-	-	2.5	12.4	45	*5*	19.3	0.57	-	-	1.36	-	0.0015	0.0038	-
Pond 2	B	24-Nov-23	Pond	Hills 3414745.2	-	-	5.3	-	-	-	-	-	8.07	8.09	-	8.2	-	-	2.2	13.6	-	*5*	23	0.71	-	-	0.77	-	-	-	-
Pond 2	C	22-Nov-23	Pond	Hills 3412758.2	*0.00010*	-	5.2	*0.0005*	-	0.0012	-	-	8.62	8.31	-	8.2	-	-	2.4	13.3	40	3	23.6	0.66	-	-	1.53	-	0.001	0.0026	-
Pond 2	B	8-Nov-23	Pond	Hills 3424896.2	-	-	5.8	-	-	-	-	-	8.47	7.78	-	7.8	-	-	2.9	14.3	-	*6*	22.8	0.78	-	-	3.61	-	-	-	-
Pond 2	B	4-Jan-24	Pond	Hills 3434878.2	-	-	6.2	-	-	-	-	-	8.14	7.9	-	7.9	-	-	3.3	16.3	-	8	23.3	0.82	-	-	4.5	-	-	-	-
Pond 2	B	8-Jan-24	Pond	Hills 3440416.2	-	-	5.1	-	-	-	-	-	7.95	8.17	-	8.1	-	-	5.8	14.4	-	5	23.6	0.98	-	-	5.08	-	-	-	-
Pond 2	B	18-Jan-24	Pond	Hills 3447519.2	-	-	5	-	-	-	-	-	7.6	8.06	-	8	-	-	6.2	14.8	-	7	21.63	1.03	-	-	6.46	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 2	H	5-Feb-24	Pond	Hills 3459798.2	*0.0001*	-	5.4	0.0006	-	0.0008	-	-	9.03	8.25	-	8.3	-	-	6	16.2	35	13	21	1.19	-	-	2.14	-	0.001	0.0096	-
Pond 2	B	15-Feb-24	Pond	Hills 3468936.2	-	-	5.6	-	-	-	-	-	8.96	8.02	-	8	-	-	6.2	17.9	-	4	24.4	0.83	-	-	2.51	-	-	-	-
Pond 2	B	29-Feb-24	Pond	Hills 3482686.1	-	-	6.3	-	-	-	-	-	8.22	7.75	-	7.8	-	-	6	19	-	4	22.2	0.73	-	-	2.14	-	-	-	-
Pond 2	B	13-Mar-24	Pond	Hills 3499045.2	-	-	6.3	-	-	-	-	-	8.51	7.91	-	7.9	-	-	6.2	22	-	4	21	0.92	-	-	2.3	-	-	-	-
Pond 2	B	27-Mar-24	Pond	Hills 3522038.2	-	-	11.5	-	-	-	-	-	7.86	8.17	-	8.2	-	-	4.3	47	-	*3*	20.4	0.64	-	-	3.6	-	-	-	-
Pond 2	B	12-Apr-24	Pond	Hills 3541327.2	-	-	6.8	-	-	-	-	-	8.7	7.36	-	7.6	-	-	6	24	-	15	18.92	3.2	-	-	1.51	-	-	-	-
Pond 2	B	24-Apr-24	Pond	Hills 3559570.2	-	-	6.3	-	-	-	-	-	9.2	7.76	-	7.9	-	-	6	20	-	*3*	16.8	0.79	-	-	2.91	-	-	-	-
Pond 2	B	9-May-24	Pond	Hills 3577819.2	-	-	6.1	-	-	-	-	-	8.6	7.9	-	7.7	-	-	5.6	21	-	*3*	12.9	0.78	-	-	1.51	-	-	-	-
Pond 2	C	27-May-24	Pond	Hills 3593002.2	*0.00010*	-	6.2	0.0071	-	0.0014	-	-	8.41	7.82	-	7.8	-	-	6.6	19.9	58	4	14.2	0.73	-	-	1.57	-	0.0020	0.0043	-
Pond 2	B	11-Jun-24	Pond	Hills 3604225.2	-	-	6.5	-	-	-	-	-	8.68	8.07	-	8.1	-	-	7.9	20	-	5	14.2	0.99	-	-	1.2	-	-	-	-
Pond 2	B	24-Jun-24	Pond	Hills 3614230.2	-	-	4.3	-	-	-	-	-	8.7	7.88	-	7.8	-	-	7	12.2	-	7	13.6	0.83	-	-	9.5	-	-	-	-
Pond 2	B	18-Jul-24	Pond	Hills 3632050.2	-	-	5.3	-	-	-	-	-	8.52	8.04	-	7.8	-	-	6.5	14.6	-	7	12.7	0.62	.	-	8.48	-	-	-	-
Pond 2	H	2-Aug-24	Pond	Hills 3641802.2	*0.00010*	-	5	0.0033	-	0.0020	-	-	8.87	7.41	-	7.8	-	-	5.4	12.5	32	6	12.4	0.68	-	-	6.1	-	0.0035	0.0066	-
Pond 2	B	16-Aug-24	Pond	Hills 3651692.2	-	-	5.4	-	-	-	-	-	9.36	7.8	-	7.9	-	-	5.5	15.3	-	*3*	13.7	0.55	-	-	1.24	-	-	-	-
Pond 2	B	29-Aug-24	Pond	Hills 3660407.2	-	-	6.3	-	-	-	-	-	9.01	7.81	-	8	-	-	5.5	16.6	-	3	15.4	0.53	-	-	1.72	-	-	-	-
Pond 2	B	12-Sep-24	Pond	Hills 3671006.2	-	-	6.2	-	-	-	-	-	8.36	7.73	-	8	-	-	4.7	15.5	-	3	13.6	0.48	-	-	0.94	-	-	-	-
Pond 2	B	26-Sep-24	Pond	Hills 3681023.2	-	-	5.1	-	-	-	-	-	8.28	7.55	-	7.7	-	-	4.5	13.7	-	3	14.8	0.58	-	-	2.28	-	-	-	-
Pond 2	B	10-Oct-24	Pond	Hills 3691499.2	-	-	5.8	-	-	-	-	-	8.45	7.96	-	8.2	-	-	4.4	15.1	-	3	19.7	0.76	-	-	1.54	-	-	-	-
Pond 3	B	12-Jan-05	discharge	Hills	-	-	-	-	-	-	-	-	10.82	9.54	-	9.4	-	-	-	-	-	<3	23.8	-	-	-	2	-	-	-	-
Pond 3	B	26-Jan-05	pond	Hills	-	-	-	-	-	-	-	-	12.98	9.54	-	9.4	-	-	-	-	-	<3	26.5	-	-	-	3.5	-	-	-	-
Pond 3	C	9-Feb-05	pond	Hills	<0.0001	-	7.54	<0.0005	-	0.0018	<0.05	-	6.81	7.89	-	7.5	-	0.05	2.55	37.7	101	<3	25.9	-	-	-	3	-	<.0.001	<.0.001	-
Pond 3	B	23-Feb-05	pond	Hills	-	-	-	-	-	-	-	-	7.58	7.74	-	8.1	-	-	-	-	-	<3	23.4	-	-	-	2	-	-	-	-
Pond 3	B	9-Mar-05	pond	Hills	-	-	-	-	-	-	-	-	9.07	8.31	-	8.3	-	-	-	-	-	9	23	-	-	-	4	-	-	-	-
Pond 3	B	23-Mar-05	pond	Hills	-	-	-	-	-	-	-	-	8.26	7.63	-	8.1	-	-	-	-	-	6	22.6	-	-	-	5	-	-	-	-
Pond 3	B	6-Apr-05	pond	Hills	-	-	-	-	-	-	-	-	6.62	7.56	-	8.2	-	-	-	-	-	30	20.7	-	-	-	14	-	-	-	-
Pond 3	C	20-Apr-05	pond	Hills	<0.0001	-	10.1	0.0005	-	0.0022	<0.05	-	7.26	7.56	-	7.7	-	0.068	5.4	49.6	119	11	19.8	-	-	-	12	-	<0.001	0.006	-
Pond 3	B	4-May-05	pond	Hills	-	-	-	-	-	-	-	-	9.2	7.34	-	8.4	-	-	-	-	-	15	16	-	-	-	10	-	-	-	-
Pond 3	B	18-May-05	pond	Hills	-	-	-	-	-	-	-	-	9.56	8.2	-	8.3	-	-	-	-	-	14	16.4	-	-	-	10	-	-	-	-
Pond 3	B	1-Jun-05	pond	Hills	-	-	-	-	-	-	-	-	9.49	8.06	-	8.3	-	-	-	-	-	9	13.5	-	-	-	10	-	-	-	-
Pond 3	C	15-Jun-05	pond	Hills	<0.0001	-	10.1	0.0198	-	0.0022	0.05	-	9.76	7.54	-	8.2	-	0.024	5.06	48.9	156	5	11.3	-	-	-	5	-	0.001	0.002	-
Pond 3	B	30-Jun-05	discharge	Hills	-	-	-	-	-	-	-	-	9.82	7.51	-	8.1	-	-	-	-	-	<3	11.2	-	-	-	3	-	-	-	-
Pond 3	B	13-Jul-05	pond	Hills	-	-	-	-	-	-	-	-	9.25	7.54	-	8	-	-	-	-	-	5	11.9	-	-	-	3	-	-	-	-
Pond 3	B	14-Jul-05	Ph 17 Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-	-	14	12.6	-	-	-	30	-	0.018	-	-
Pond 3	B	14-Jul-05	SP3(S) inlet	Hills	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-	-	27	13.7	-	-	-	33	-	0.015	-	-
Pond 3	B	27-Jul-05	pond	Hills	-	-	-	-	-	-	-	-	10.45	7.53	-	8.1	-	-	-	-	-	<3	12.9	-	-	-	3	-	-	-	-
Pond 3	B	10-Aug-05	pond	Hills	-	-	-	-	-	-	-	-	10.68	7.68	-	8.1	-	-	-	-	-	<3	12.1	-	-	-	3	-	-	-	-
Pond 3	C	24-Aug-05	pond	Hills	<0.0001	-	23.8	0.0243	-	0.004	<0.02	-	11.43	7.35	-	8.1	-	0.01	5.27	60.1	347	<3	14.5	-	-	-	3	-	0.002	0.002	-
Pond 3	B	7-Sep-05	pond	Hills	-	-	-	-	-	-	-	-	13.55	8.03	-	8.2	-	-	-	-	-	<3	16.8	-	-	-	2	-	-	-	-
Pond 3	B	21-Sep-05	pond	Hills	-	-	-	-	-	-	-	-	10.45	8.25	-	8.3	-	-	-	-	-	<3	14.3	-	-	-	2	-	-	-	-
Pond 3	B	5-Oct-05	discharge	Hills	-	-	-	-	-	-	-	-	10.6	8.6	-	8.8	-	-	-	-	-	<3	16.5	-	-	-	2	-	-	-	-
Pond 3	C	19-Oct-05	pond	Hills	0.0002	-	18.6	0.0006	-	0.0025	<0.05	-	12.54	8.71	-	8.9	-	0.013	3.23	51.2	279	<3	19.3	-	-	-	1	-	<0.001	0.001	-
Pond 3	B	2-Nov-05	discharge	Hills	-	-	-	-	-	-	-	-	10.15	8.84	-	9.1	-	-	-	-	-	<3	19.1	-	-	-	1	-	-	-	-
Pond 3	B	16-Nov-05	pond	Hills	-	-	-	-	-	-	-	-	11.53	9.17	-	9.5	-	-	-	-	-	<3	19.8	-	-	-	8	-	-	-	-
Pond 3	B	30-Nov-05	discharge	Hills	-	-	-	-	-	-	-	-	8.92	7.83	-	8.2	-	-	-	-	-	<3	19.2	-	-	-	2	-	-	-	-
Pond 3	C	7-Dec-05	pond	Hills	<0.0001	-	17.9	0.0006	-	0.0028	<0.05	-	8.38	7.53	-	8	-	0.035	3.89	50.1	247	6	23.2	-	-	-	8	-	0.001	0.003	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	21-Dec-05	pond	Hills	-	-	-	-	-	-	-	-	6.01	7.15	-	7.6	-	-	-	-	-	3	22.3	-	-	-	5	-	-	-	-
Pond 3	B	11-Jan-06	pond	Hills	-	-	-	-	-	-	-	-	8.24	7.85	-	8	-	-	-	-	-	10	24.5	-	-	-	9	-	-	-	-
Pond 3	B	25-Jan-06	pond	Hills	-	-	-	-	-	-	-	-	6.1	7.45	-	7.7	-	-	-	-	-	14	21.7	-	-	-	13	-	-	-	-
Pond 3	C	8-Feb-06	pond	Hills	<0.0001	-	19.4	0.0007	-	0.0037	<0.05	-	8.4	7.85	-	8.1	-	0.067	5.92	57.2	241	10	24.7	-	-	-	8	-	<0.001	0.002	-
Pond 3	B	22-Feb-06	pond	Hills	-	-	-	-	-	-	-	-	6.74	7.83	-	7.9	-	-	-	-	-	8	24.1	-	-	-	6	-	-	-	-
Pond 3	B	8-Mar-06	pond	Hills	-	-	-	-	-	-	-	-	7.06	7.66	-	8	-	-	-	-	-	11	19.7	-	-	-	12	-	-	-	-
Pond 3	B	22-Mar-06	pond	Hills	-	-	-	-	-	-	-	-	8.76	7.83	-	8.1	-	-	-	-	-	7	22.9	-	-	-	13	-	-	-	-
Pond 3	B	5-Apr-06	pond	Hills	-	-	-	-	-	-	-	-	8.85	7.89	-	8.3	-	-	-	-	-	13	22.2	-	-	-	19	-	-	-	-
Pond 3	C	19-Apr-06	pond	Hills	<0.0001	-	21.6	0.0025	-	0.0016	0.06	-	7.7	8.06	-	8.2	-	0.041	6.98	67.8	292	9	19	-	-	-	10	-	<0.001	0.002	-
Pond 3	B	3-May-06	pond	Hills	-	-	-	-	-	-	-	-	5.82	7.1	-	7.7	-	-	-	-	-	8	17.6	0.9	-	-	10	-	-	-	-
Pond 3	B	17-May-06	pond	Hills	-	-	-	-	-	-	-	-	8.56	7.51	-	7.9	-	-	-	-	-	3	13.3	-	-	-	6	-	-	-	-
Pond 3	B	31-May-06	discharge	Hills	-	-	-	-	-	-	-	-	10.9	7.45	-	7.9	-	-	-	-	-	<3	15	-	-	-	3	-	-	-	-
Pond 3	C	14-Jun-06	discharge	Hills	<0.0001	-	18.7	0.0088	-	0.004	<0.05	-	11.17	7.88	-	8.3	-	0.018	5.57	44.1	255	<3	11.3	-	-	-	2	-	0.002	0.004	-
Pond 3	B	28-Jun-06	pond	Hills	-	-	-	-	-	-	-	-	13.09	7.78	-	8.3	-	-	-	-	-	<3	8.2	-	-	-	2	-	-	-	-
Pond 3	B	12-Jul-06	pond	Hills	-	-	-	-	-	-	-	-	12.45	7.66	-	8.3	-	-	-	-	-	<3	11.4	-	-	-	1	-	-	-	-
Pond 3	B	26-Jul-06	pond	Hills	-	-	-	-	-	-	-	-	12.15	7.64	-	8.2	-	-	-	-	-	<3	12.4	-	-	-	2	-	-	-	-
Pond 3	B	9-Aug-06	discharge	Hills	-	-	-	-	-	-	-	-	11.2	7.41	-	8.1	-	-	-	-	-	<3	12.1	-	-	-	5	-	-	-	-
Pond 3	C	23-Aug-06	pond	Hills	< 0.0001	-	13.7	0.0006	-	0.0021	< 0.05	-	11.82	7.44	-	7.9	-	0.013	3.91	35.7	200	< 3	11.6	-	-	-	3	-	< 0.001	0.001	-
Pond 3	B	5-Sep-06	discharge	Hills	-	-	-	-	-	-	-	-	11.35	7.76	-	8.2	-	-	-	-	-	<3	14.2	-	-	-	1	-	-	-	-
Pond 3	B	19-Sep-06	discharge	Hills	-	-	-	-	-	-	-	-	9.98	7.5	-	8	-	-	-	-	-	<3	14.7	-	-	-	2	-	-	-	-
Pond 3	B	4-Oct-06	discharge	Hills	-	-	-	-	-	-	-	-	9.41	7.33	-	8	-	-	-	-	-	<3	16.9	-	-	-	3	-	-	-	-
Pond 3	C	18-Oct-06	discharge	Hills	< 0.0001	-	16	< 0.0005	-	0.0019	< 0.05	-	9.41	7.45	-	8	-	0.024	3.7	45.1	217	< 3	16.1	-	-	-	2	-	< 0.001	0.003	-
Pond 3	B	1-Nov-06	discharge	Hills	-	-	-	-	-	-	<0.05	-	9.32	7.53	-	8	-	-	-	-	-	<3	17.6	-	-	-	2	-	-	-	-
Pond 3	B	14-Nov-06	pond	Hills	-	-	-	-	-	-	-	-	8.55	7.7	-	8.4	-	-	-	-	-	6	20.3	-	-	-	11	-	-	-	-
Pond 3	B	29-Nov-06	pond	Hills	-	-	-	-	-	-	-	-	7.55	7.36	-	8.1	-	-	-	-	-	< 3	20.4	-	-	-	4	-	-	-	-
Pond 3	C	6-Dec-06	discharge	Hills	< 0.0001	-	15.4	< 0.0005	-	0.0018	< 0.05	-	6.98	7.32	-	8	-	0.038	5.15	45.5	211	5	19.7	-	-	-	5	-	< 0.001	0.002	-
Pond 3	B	20-Dec-06	pond	Hills	-	-	-	-	-	-	-	-	5.05	7	-	7.7	-	-	-	-	-	7	20.4	-	-	-	8	-	-	-	-
Pond 3	B	10-Jan-07	pond	Hills	-	-	-	-	-	-	-	-	6.98	7.3	-	7.8	-	-	-	-	-	12	21.8	-	-	-	9	-	-	-	-
Pond 3	B	24-Jan-07	pond	Hills	-	-	-	-	-	-	-	-	10.7	8.14	-	8.1	-	-	-	-	-	25	26.4	-	-	-	19	-	-	-	-
Pond 3	C	7-Feb-07	pond	Hills	< 0.0001	-	16	0.0027	-	0.0019	< 0.05	-	6.42	7.05	-	7.9	-	0.147	5.43	52.6	226	84	22.3	-	-	-	39	-	< 0.001	0.005	-
Pond 3	B	21-Feb-07	pond	Hills	-	-	-	-	-	-	-	-	5.33	7.15	-	7.8	-	-	-	-	-	36	22.1	-	-	-	32	-	-	-	-
Pond 3	B	7-Mar-07	pond	Hills	-	-	-	-	-	-	-	-	4.69	7.46	-	8	-	-	-	-	-	77	22.2	-	-	-	76	-	-	-	-
Pond 3	B	21-Mar-07	pond	Hills	-	-	-	-	-	-	-	-	8.6	7.92	-	8.1	-	-	-	-	-	57	20.9	-	-	-	43	-	-	-	-
Pond 3	B	4-Apr-07	pond	Hills	-	-	-	-	-	-	-	-	7.92	7.7	-	7.9	-	-	-	-	-	23	20.7	-	-	-	26	-	-	-	-
Pond 3	C	18-Apr-07	pond	Hills	< 0.0001	-	12.2	0.0011	-	0.0022	< 0.05	-	7.05	7.32	-	8	-	0.136	5.61	48.1	210	31	16.7	-	-	-	26	-	< 0.001	0.004	-
Pond 3	B	2-May-07	pond	Hills	-	-	-	-	-	-	-	-	10.3	7.8	-	8.1	-	-	-	-	-	9	18.6	-	-	-	9	-	-	-	-
Pond 3	B	16-May-07	pond	Hills	-	-	-	-	-	-	-	-	8.91	7.67	-	8.1	-	-	-	-	-	14	16.8	-	-	-	13	-	-	-	-
Pond 3	C	13-Jun-07	pond	Hills	< 0.0001	-	13	0.197	-	0.0026	< 0.05	-	7.83	7.5	-	7.9	-	0.038	5.56	43.4	199	6	13.3	-	-	-	7	-	< 0.001	0.002	-
Pond 3	B	27-Jun-07	pond	Hills	-	-	-	-	-	-	-	-	9.21	7.75	-	7.9	-	-	-	-	-	7	10.1	-	-	-	6	-	-	-	-
Pond 3	B	11-Jul-07	discharge	Hills	-	-	-	-	-	-	-	-	9.72	7.59	-	7.9	-	-	-	-	-	5	11.1	-	-	-	11	-	-	-	-
Pond 3	B	24-Jul-07	discharge	Hills	-	-	-	-	-	-	-	-	10.09	7.5	-	7.9	-	-	-	-	-	3	11.2	-	-	-	9	-	-	-	-
Pond 3	B	8-Aug-07	discharge	Hills	-	-	-	-	-	-	-	-	9.71	7.52	-	8	-	-	-	-	-	<3	12.2	-	-	-	7	-	-	-	-
Pond 3	C	22-Aug-07	discharge	Hills	< 0.0001	-	8.54	0.0216	-	0.0018	0.07	-	10.07	7.68	-	8.1	-	0.018	4.02	25.4	93	< 3	13.4	-	-	-	6	-	0.001	0.002	-
Pond 3	B	5-Sep-07	discharge	Hills	-	-	-	-	-	-	-	-	10.8	7.7	-	8	-	-	-	-	-	<3	14.4	-	-	-	5	-	-	-	-
Pond 3	B	19-Sep-07	discharge	Hills	-	-	-	-	-	-	-	-	9.22	7.75	-	8.2	-	-	-	-	-	<3	16.1	-	-	-	3	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	3-Oct-07	discharge	Hills	-	-	-	-	-	-	-	-	9.66	7.85	-	8	-	-	-	-	-	4	15.6	-	-	-	5	-	-	-	-
Pond 3	C	17-Oct-07	pond	Hills	< 0.0001	-	15.6	0.001	-	0.0022	< 0.05	-	10.25	8.19	-	8.4	-	0.023	4.38	46.3	207	4	20	-	-	-	2	-	0.002	0.003	-
Pond 3	B	31-Oct-07	pond	Hills	-	-	-	-	-	-	-	-	12.19	7.87	-	8.4	-	-	-	-	-	3.7	18.5	-	-	-	3	-	-	-	-
Pond 3	B	13-Nov-07	pond	Hills	-	-	-	-	-	-	-	-	12.84	8.55	-	8.7	-	-	-	-	-	6.5	20.9	-	-	-	2	-	-	-	-
Pond 3	B	28-Nov-07	pond	Hills	-	-	-	-	-	-	-	-	11.11	8.77	-	9.6	-	-	-	-	-	<3	20.5	-	-	-	4	-	-	-	-
Pond 3	C	5-Dec-07	discharge	Hills	< 0.00010	-	14	0.0011	-	0.0013	< 0.0020	-	12.75	8.28	-	9.3	-	0.026	3	48	220	4.1	22.2	-	-	-	4	-	< 0.0010	0.0015	-
Pond 3	B	19-Dec-07	discharge	Hills	-	-	-	-	-	-	-	-	10.78	9.41	-	9.8	-	-	-	-	-	10	23.1	-	-	-	17	-	-	-	-
Pond 3	B	9-Jan-08	discharge	Hills	-	-	-	-	-	-	-	-	7.81	7.1	-	7.7	-	-	-	-	-	13	22.6	-	-	-	10	-	-	-	-
Pond 3	B	23-Jan-08	pond	Hills	-	-	-	-	-	-	-	-	4.55	7.42	-	7.6	-	-	-	-	-	8.4	23.8	-	-	-	6	-	-	-	-
Pond 3	C	5-Feb-08	discharge	Hills	< 0.00010	-	17	0.00077	-	0.00086	< 0.010	-	5.31	7.29	-	7.5	-	0.092	5.9	59	220	23	26.6	-	-	-	10	-	0.0015	0.004	-
Pond 3	B	20-Feb-08	discharge	Hills	-	-	-	-	-	-	-	-	10.28	8.48	-	8.3	-	-	-	-	-	29	21.5	-	-	-	35	-	-	-	-
Pond 3	B	5-Mar-08	pond	Hills	-	-	-	-	-	-	-	-	4.12	7.55	-	7.5	-	-	-	-	-	12	20.9	-	-	-	12	-	-	-	-
Pond 3	B	19-Mar-08	pond	Hills	-	-	-	-	-	-	-	-	9.08	7.84	-	8.2	-	-	-	-	-	19	23.6	-	-	-	13	-	-	-	-
Pond 3	B	2-Apr-08	pond	Hills	-	-	-	-	-	-	-	-	4.02	7.51	-	7.6	-	-	-	-	-	4.9	20.5	-	-	-	5	-	-	-	-
Pond 3	C	15-Apr-08	discharge	Hills	< 0.00010	-	18	0.0048	-	0.0015	< 0.050	-	6.74	7.82	-	7.9	-	0.076	6.4	62	260	< 3.0	17.7	-	-	-	4	-	0.007	0.019	-
Pond 3	B	30-Apr-08	discharge	Hills	-	-	-	-	-	-	-	-	6.38	-	-	7.6	-	-	-	-	-	< 3.0	18.9	-	-	-	3	-	-	-	-
Pond 3	Special	30-Apr-08	Ph 17 pond	Hills	0.00056	-	20	-	-	0.0079	-	0.55	8.88	-	-	-	<0.004	-	7.1	74	-	-	18.8	0.58	-	-	48	-	-	0.007	-
Pond 3	Special	5-May-08	discharge	Hills	-	-	-	-	-	-	-	0.7	7.42	7.78	-	-	-	-	-	-	-	-	15.3	1.1	-	-	6	-	-	-	-
Pond 3	B	14-May-08	pond	Hills	-	-	-	-	-	-	-	0.57	9.03	7.42	-	7.7	-	-	-	-	-	3.7	14.2	0.76	-	-	7	-	-	-	-
Pond 3	B	28-May-08	discharge	Hills	-	-	-	-	-	-	-	0.5	9.22	7.89	-	7.8	-	-	-	-	-	< 3.0	12.7	0.66	-	-	3	-	-	-	-
Pond 3	C	11-Jun-08	discharge	Hills	< 0.00010	-	17	0.045	-	0.0029	0.18	-	9.47	8.01	-	8	-	0.02	6.6	62	320	< 3.0	12.6	-	-	-	3	-	0.0053	0.0065	-
Pond 3	B	25-Jun-08	discharge	Hills	-	-	-	-	-	-	-	-	9.88	8	-	8.1	-	-	-	-	-	< 3.0	12.2	-	-	-	7	-	-	-	-
Pond 3	B	9-Jul-08	discharge	Hills	-	-	-	-	-	-	-	-	10.75	-	-	8	-	-	-	-	-	6.7	9.5	-	-	-	11	-	-	-	-
Pond 3	B	23-Jul-08	discharge	Hills	-	-	-	-	-	-	-	-	10.12	-	-	7.8	-	-	-	-	-	7.1	12.2	-	-	-	10	-	-	-	-
Pond 3	B	6-Aug-08	discharge	Hills	-	-	-	-	-	-	-	-	9.83	7.75	-	7.8	-	-	-	-	-	39	12.2	-	-	-	51	-	-	-	-
Pond 3	C	20-Aug-08	discharge	Hills	< 0.00010	-	9.1	0.00082	-	0.0029	0.15	-	10.38	8.3	-	8	-	0.036	3.4	31	120	32	11.1	-	-	-	38	-	< 0.0010	0.008	-
Pond 3	B	3-Sep-08	discharge	Hills	-	-	-	-	-	-	-	-	10.27	8.49	-	8.3	-	-	-	-	-	17	14.5	-	-	-	20	-	-	-	-
Pond 3	B	16-Sep-08	discharge	Hills	-	-	-	-	-	-	-	-	9.69	8.51	-	8.2	-	-	-	-	-	4.7	15.9	-	-	-	6	-	-	-	-
Pond 3	B	1-Oct-08	discharge	Hills	-	-	-	-	-	-	-	-	8.36	8.11	-	8.1	-	-	3.7	-	-	6.7	14.4	-	-	-	6	-	-	-	-
Pond 3	C	15-Oct-08	pond	Hills	< 0.00010	-	11	0.024	-	0.0022	< 0.050	-	9.37	8.3	-	8.3	-	0.032	3.6	36	140	9.8	20.5	-	-	-	8	-	< 0.0010	0.0063	-
Pond 3	B	29-Oct-08	pond	Hills	-	-	-	-	-	-	-	-	8.81	8.3	-	8.2	-	-	-	-	-	9.1	18.6	-	-	-	8	-	-	-	-
Pond 3	B	11-Nov-08	pond	Hills	-	-	-	-	-	-	-	-	7.43	8.19	-	8.2	-	-	-	-	-	56	20.8	-	-	-	37	-	-	-	-
Pond 3	B	26-Nov-08	pond	Hills	-	-	-	-	-	-	-	-	7.49	8.11	-	8.1	-	-	-	-	-	15	23.8	-	-	-	16	-	-	-	-
Pond 3	C	3-Dec-08	pond	Hills	< 0.00010	-	12	0.013	-	0.0022	< 0.050	-	5.85	8.06	-	8	-	0.042	4.7	45	210	10	21.9	-	-	-	12	-	< 0.0010	0.0019	-
Pond 3	B	17-Dec-08	pond	Hills	-	-	-	-	-	-	-	-	5.85	7.98	-	7.9	-	-	-	-	-	11	22.1	-	-	-	12	-	-	-	-
Pond 3	B	7-Jan-09	pond	Hills	-	-	-	-	-	-	-	-	6.15	8.09	-	8	-	-	-	-	-	9.2	24.4	-	-	-	11	-	-	-	-
Pond 3	B	21-Jan-09	pond	Hills	-	-	-	-	-	-	-	-	7.17	8.29	-	8.1	-	-	-	-	-	40	22.9	-	-	-	30	-	-	-	-
Pond 3	C	4-Feb-09	pond	Hills	< 0.00010	-	15	0.00095	-	0.0024	< 0.050	-	7.07	8.04	-	8.2	-	0.12	6.2	61	290	64	25	-	-	-	43	-	< 0.0010	0.0064	-
Pond 3	B	18-Feb-09	pond	Hills	-	-	-	-	-	-	-	-	6.21	8.08	-	8	-	-	-	-	-	33	24	-	-	-	30	-	-	-	-
Pond 3	B	4-Mar-09	pond	Hills	-	-	-	-	-	-	-	-	7.43	8.19	-	8.3	-	-	-	-	-	24	22.5	-	-	-	22	-	-	-	-
Pond 3	B	18-Mar-09	pond	Hills	-	-	-	-	-	-	-	-	10.34	8.03	-	8.1	-	-	-	-	-	10	22.8	-	-	-	10	-	-	-	-
Pond 3	C	1-Apr-09	pond	Hills	< 0.00010	-	15	0.0022	-	0.0025	0.05	-	6.86	7.86	-	8	-	0.054	7.4	66	310	9.7	19.8	-	-	-	7	-	< 0.0010	0.0039	-
Pond 3	B	15-Apr-09	pond	Hills	-	-	-	-	-	-	-	-	8.76	7.89	-	8.2	-	-	-	-	-	21	18.9	-	-	-	12	-	-	-	-
Pond 3	B	29-Apr-09	pond	Hills	-	-	-	-	-	-	-	-	9.79	8.28	-	8.3	-	-	-	-	-	12	19.3	-	-	-	10	-	-	-	-
Pond 3	B	12-May-09	pond	Hills	-	-	-	-	-	-	-	-	8.51	7.97	-	8	-	-	-	-	-	9.5	12.7	-	-	-	14	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	27-May-09	pond	Hills	-	-	-	-	-	-	-	-	9.89	8.08	-	8.2	-	-	-	-	-	14	12.6	-	-	-	14	-	-	-	-
Pond 3	C	10-Jun-09	pond	Hills	< 0.00010	-	12	0.0017	-	0.0023	0.06	-	9.95	8.05	-	7.9	-	0.038	5.1	44	220	7.6	14.1	-	-	-	10	-	0.0015	0.0034	-
Pond 3	B	24-Jun-09	pond	Hills	-	-	-	-	-	-	-	-	9.32	8.1	-	8.1	-	-	-	-	-	4.7	9.3	-	-	-	7	-	-	-	-
Pond 3	B	8-Jul-09	pond	Hills	-	-	-	-	-	-	-	-	9.7	7.98	-	8.1	-	-	-	-	-	7.2	11.8	-	-	-	9	-	-	-	-
Pond 3	B	22-Jul-09	discharge	Hills	-	-	-	-	-	-	-	-	10.41	8.1	-	8.1	-	-	-	-	-	42	12.6	-	-	-	43	-	-	-	-
Pond 3	C	5-Aug-09	discharge	Hills	< 0.00010	-	13	< 0.00050	-	0.0041	0.27	-	10.52	7.91	-	8.2	-	0.02	4.3	40	190	9.3	12.6	-	-	-	15	-	0.002	0.0055	-
Pond 3	B	18-Aug-09	discharge	Hills	-	-	-	-	-	-	-	-	10.19	8.31	-	8.2	-	-	-	-	-	8.6	14.3	-	-	-	7	-	-	-	-
Pond 3	B	2-Sep-09	discharge	Hills	-	-	-	-	-	-	-	-	9.7	8.29	-	8.2	-	-	-	-	-	6.9	15.1	-	-	-	9	-	-	-	-
Pond 3	B	15-Sep-09	pond	Hills	-	-	-	-	-	-	-	-	10.44	8.19	-	8.2	-	-	-	-	-	3.5	17.5	-	-	-	7	-	-	-	-
Pond 3	C	30-Sep-09	discharge	Hills	< 0.00010	-	12	0.0018	-	0.0031	< 0.050	-	9.61	8.23	-	8.1	-	0.016	4.2	39	190	7.2	17.2	-	-	-	9	-	< 0.0010	0.0052	-
Pond 3	B	14-Oct-09	pond	Hills	-	-	-	-	-	-	-	-	13.35	8.18	-	8.5	-	-	-	-	-	13	17.1	-	-	-	10	-	-	-	-
Pond 3	B	28-Oct-09	pond	Hills	-	-	-	-	-	-	-	-	11.69	8.65	-	8.4	-	-	-	-	-	6	18.4	-	-	-	6	-	-	-	-
Pond 3	B	10-Nov-09	pond	Hills	-	-	-	-	-	-	-	-	11.1	8.49	-	8.6	-	-	-	-	-	< 3.0	18.6	-	-	-	3	-	-	-	-
Pond 3	B	25-Nov-09	pond	Hills	-	-	-	-	-	-	-	-	9.09	8.27	-	8	-	-	-	-	-	3.1	19.4	-	-	-	3	-	-	-	-
Pond 3	C	2-Dec-09	pond	Hills	< 0.00010	-	13	< 0.00050	-	0.0026	< 0.050	-	10.37	8.81	-	8.4	-	< 0.0040	3.5	45	200	4.1	22.3	-	-	-	4	-	< 0.0010	0.0023	-
Pond 3	B	16-Dec-09	pond	Hills	-	-	-	-	-	-	-	-	10.28	8.97	-	8.5	-	-	-	-	-	4.9	21.5	-	-	-	4	-	-	-	-
Pond 3	B	8-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	-	9.53	-	9.2	-	-	-	-	-	3	23.2	-	-	-	3	-	-	-	-
Pond 3	B	20-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	7.33	9.04	-	8.2	-	-	-	-	-	11	25.1	-	-	-	6	-	-	-	-
Pond 3	C	3-Feb-10	pond	Hills	< 0.00010	-	10	< 0.00050	-	0.0016	< 0.050	-	7.95	7.6	-	7.5	-	0.095	5.3	43	150	23	25.1	-	-	-	13	-	< 0.0010	0.0025	-
Pond 3	B	17-Feb-10	pond	Hills	-	-	-	-	-	-	-	-	5.26	8.19	-	7.9	-	-	-	-	-	35	24.7	-	-	-	32	-	-	-	-
Pond 3	B	3-Mar-10	pond	Hills	-	-	-	-	-	-	-	-	7.61	8.76	-	8	-	-	-	-	-	34	23.3	-	-	-	23	-	-	-	-
Pond 3	B	26-May-10	pond	Hills	-	-	-	-	-	-	-	-	9.87	8.53	-	8.1	-	-	-	-	-	10	13.7	-	-	-	12	-	-	-	-
Pond 3	C	9-Jun-10	pond	Hills	< 0.00010	-	9.6	0.061	-	0.0024	0.06	-	8.32	7.96	-	7.8	-	-	4.7	33	148	5	13.9	-	-	-	6	-	0.0016	0.0038	-
Pond 3	B	23-Jun-10	pond	Hills	-	-	-	-	-	-	-	-	8.08	8.12	-	7.8	-	-	-	-	-	3	14	-	-	-	5	-	-	-	-
Pond 3	B	7-Jul-10	discharge	Hills	-	-	-	-	-	-	-	-	10.14	8.07	-	7.9	-	-	-	-	-	50	12.2	-	-	-	9	-	-	-	-
Pond 3	B	21-Jul-10	pond	Hills	-	-	-	-	-	-	-	-	10.74	7.89	-	8	-	-	-	-	-	4	11.8	-	-	-	7	-	-	-	-
Pond 3	C	4-Aug-10	discharge	Hills	< 0.00010	-	8.7	0.199	-	0.0022	-	-	8.65	7.64	-	7.8	-	-	4.5	26	116	5	13.1	-	-	-	9	-	0.0036	0.0068	-
Pond 3	B	18-Aug-10	discharge	Hills	-	-	-	-	-	-	-	-	9.79	7.97	-	8.1	-	-	-	-	-	4	13.7	-	-	-	23	-	-	-	-
Pond 3	B	1-Sep-10	pond	Hills	-	-	-	-	-	-	-	-	10.35	8.06	-	8.2	-	-	-	-	-	< 3	15	-	-	-	5	-	-	-	-
Pond 3	B	14-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	8.6	7.9	-	8	-	-	-	-	-	6	15.6	-	-	-	6	-	-	-	-
Pond 3	C	27-Sep-10	pond	Hills	< 0.00010	-	8.1	0.0185	-	0.002	-	-	10.44	8.42	-	8.4	-	-	3.4	22	97	< 3	17	-	-	-	3	-	0.0014	0.0016	-
Pond 3	B	13-Oct-10	pond	Hills	-	-	-	-	-	-	-	-	10.03	8.35	-	8.2	-	-	-	-	-	4	15.3	-	-	-	6	-	-	-	-
Pond 3	B	27-Oct-10	discharge	Hills	-	-	-	-	-	-	-	-	11.48	8.23	-	8.4	-	-	-	-	-	15	22	-	-	-	11	-	-	-	-
Pond 3	B	10-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	10.99	8.41	-	8.3	-	-	-	-	-	10	22	-	-	-	10	-	-	-	-
Pond 3	B	24-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	10.52	8.73	-	8.6	-	-	-	-	-	10	21.3	-	-	-	11	-	-	-	-
Pond 3	C	1-Dec-10	pond	Hills	< 0.00010	-	7.7	0.0012	-	0.0018	-	-	12.41	9.3	-	9.3	-	-	2.6	26	92	6	23.7	-	-	-	7	-	0.0013	0.0018	-
Pond 3	B	15-Dec-10	pond	Hills	-	-	-	-	-	-	-	-	10.52	9.91	-	9.7	-	-	-	-	-	13	25.4	-	-	-	12	-	-	-	-
Pond 3	B	5-Jan-11	pond	Hills	-	-	-	-	-	-	-	-	11.9	9.14	-	9.9	-	-	-	-	-	12	26.3	-	-	-	16	-	-	-	-
Pond 3	B	19-Jan-11	pond	Hills	-	-	-	-	-	-	-	-	6.38	9.38	-	9.1	-	-	-	-	-	19	24.6	-	-	-	21	-	-	-	-
Pond 3	C	2-Feb-11	pond	Hills	< 0.00010	-	6.2	0.0118	-	0.0013	-	-	12.7	9.11	-	9	-	-	3.9	24	70	31	25.1	-	-	-	55	-	0.0012	0.0026	-
Pond 3	B	16-Feb-11	pond	Hills	-	-	-	-	-	-	-	-	5.04	7.65	-	7.5	-	-	-	-	-	11	24.7	-	-	-	9	-	-	-	-
Pond 3	B	2-Mar-11	pond	Hills	-	-	-	-	-	-	-	-	6.99	8.38	-	8.2	-	-	-	-	-	19	23.2	-	-	-	14	-	-	-	-
Pond 3	B	16-Mar-11	pond	Hills	-	-	-	-	-	-	-	-	4.68	7.58	-	7.7	-	-	-	-	-	4	22.5	-	-	-	7	-	-	-	-
Pond 3	C	30-Mar-11	pond	Hills	< 0.00010	-	5.8	0.2	-	0.0014	-	-	5.74	7.77	-	7.8	-	-	4.6	22	58	5	20.1	-	-	-	7	-	0.0012	0.0032	-
Pond 3	B	13-Apr-11	pond	Hills	-	-	-	-	-	-	-	-	9.24	7.97	-	7.9	-	-	-	-	-	14	20	-	-	-	10	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	28-Apr-11	pond	Hills	-	-	-	-	-	-	-	-	-	8.09	-	8	-	-	-	-	-	7	17.8	-	-	-	13	-	-	-	-
Pond 3	B	11-May-11	pond	Hills	-	-	-	-	-	-	-	-	8.2	7.49	-	7.8	-	-	-	-	-	4	17.3	-	-	-	7	-	-	-	-
Pond 3	B	25-May-11	pond	Hills	-	-	-	-	-	-	-	-	10.58	8.15	-	8	-	-	-	-	-	3	15.4	-	-	-	5	-	-	-	-
Pond 3	C	8-Jun-11	discharge	Hills	< 0.00010	-	6.6	0.0021	-	0.0021	-	-	9.51	7.56	-	8.2	-	-	4.6	19.6	49	3	14.7	-	-	-	5	-	0.0026	0.0042	-
Pond 3	B	22-Jun-11	discharge	Hills	-	-	-	-	-	-	-	-	9.25	7.8	-	8	-	-	-	-	-	8	14.4	-	-	-	14	-	-	-	-
Pond 3	B	6-Jul-11	pond	Hills	-	-	-	-	-	-	-	-	11.44	8.3	-	7.8	-	-	-	-	-	5	11.8	-	-	-	8	-	-	-	-
Pond 3	B	20-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	10.95	7.94	-	8	-	-	-	-	-	8	11.8	-	-	-	10	-	-	-	-
Pond 3	C	3-Aug-11	pond	Hills	< 0.00010	-	6.9	0.011	-	0.0024	-	-	10.79	8.16	-	8	-	-	3.9	22	63	4	12.3	-	-	-	7	-	0.004	0.0066	-
Pond 3	B	17-Aug-11	pond	Hills	-	-	-	-	-	-	-	-	11.33	8.3	-	8.1	-	-	-	-	-	< 3	10.9	-	-	-	4	-	-	-	-
Pond 3	B	31-Aug-11	pond	Hills	-	-	-	-	-	-	-	-	12.63	8.45	-	8.3	-	-	-	-	-	< 3	16.2	-	-	-	-	-	-	-	-
Pond 3	B	14-Sep-11	pond	Hills	-	-	-	-	-	-	-	-	10.86	8.6	-	8.2	-	-	-	-	-	4	14.6	-	-	-	6	-	-	-	-
Pond 3	C	28-Sep-11	pond	Hills	< 0.00010	-	6.9	0.0006	-	0.0019	-	-	15.5	9.06	-	9.1	-	-	3.3	28	69	< 3	18.1	-	-	-	2	-	< 0.0010	0.004	-
Pond 3	B	12-Oct-11	pond	Hills	-	-	-	-	-	-	-	-	10.66	9.5	-	9.1	-	-	-	-	-	5	18.5	-	-	-	5	-	-	-	-
Pond 3	B	26-Oct-11	pond	Hills	-	-	-	-	-	-	-	-	11.98	9.86	-	9.4	-	-	-	-	-	< 3	20.5	-	-	-	3	-	-	-	-
Pond 3	B	9-Nov-11	pond	Hills	-	-	-	-	-	-	-	-	11.15	9.64	-	9.6	-	-	-	-	-	5	20.2	-	-	-	5	-	-	-	-
Pond 3	B	22-Nov-11	pond	Hills	-	-	-	-	-	-	-	-	10.34	9.5	-	9.3	-	-	-	-	-	9	21.4	-	-	-	10	-	-	-	-
Pond 3	C	30-Sep-11	pond	Hills	< 0.00010	-	7.9	0.0055	-	0.0013	-	-	8.52	9.2	-	8.9	-	-	3.8	30	75	15	21.6	-	-	-	14	-	< 0.0010	0.0029	-
Pond 3	B	14-Dec-11	pond	Hills	-	-	-	-	-	-	-	-	4	7.35	-	7.6	-	-	-	-	-	23	20.4	-	-	-	22	-	-	-	-
Pond 3	B	9-Jan-12	pond	Hills	-	-	-	-	-	-	-	-	9.38	8.38	-	8	-	-	-	-	-	9	23.4	-	-	-	4	-	-	-	-
Pond 3	B	18-Jan-12	pond	Hills	-	-	-	-	-	-	-	-	5.87	7.5	-	7.6	-	-	-	-	-	10	23.5	-	-	-	2	-	-	-	-
Pond 3	C	1-Feb-12	pond	Hills	< 0.00010	-	7.5	0.078	-	0.0012	-	-	13.31	8.76	-	8.4	-	-	5.7	28	86	< 3	24.6	-	-	-	8	-	0.001	0.0024	-
Pond 3	B	15-Feb-12	pond	Hills	-	-	-	-	-	-	-	-	7.38	8.01	-	8.1	-	-	-	-	-	< 3	22.4	-	-	-	3	-	-	-	-
Pond 3	B	29-Feb-12	pond	Hills	-	-	-	-	-	-	-	-	7.63	8.18	-	7.8	-	-	-	-	-	8	22.3	-	-	-	3	-	-	-	-
Pond 3	B	14-Mar-12	pond	Hills	-	-	-	-	-	-	-	-	8.84	8.25	-	7.8	-	-	-	-	-	8	21.5	-	-	-	5	-	-	-	-
Pond 3	C	28-Mar-12	pond	Hills	< 0.00010	-	6.1	< 0.0005	-	0.0012	-	-	9.3	8.41	-	8	-	-	5.4	25	64	11	20.4	-	-	-	5	-	< 0.0010	0.0021	-
Pond 3	B	11-Apr-12	pond	Hills	-	-	-	-	-	-	-	-	9.55	8.72	-	8.3	-	-	-	-	-	23	20.6	-	-	-	6	-	-	-	-
Pond 3	B	23-Apr-12	pond	Hills	-	-	-	-	-	-	-	-	8.71	8.25	-	8	-	-	-	-	-	15	20.3	-	-	-	8	-	-	-	-
Pond 3	B	9-May-12	pond	Hills	-	-	-	-	-	-	-	-	7.08	7.66	-	7.9	-	-	-	-	-	< 3	17.8	-	-	-	3	-	-	-	-
Pond 3	B	23-May-12	pond	Hills	-	-	-	-	-	-	-	-	9.14	7.87	-	7.8	-	-	-	-	-	5	14.7	-	-	-	3	-	-	-	-
Pond 3	C	6-Jun-12	pond	Hills	< 0.00010	-	7.2	0.057	-	0.0006	-	-	11.01	77.74	-	7.9	-	-	5.4	25	70	21	14.1	-	-	-	5	-	0.001	0.0034	-
Pond 3	B	20-Jun-12	pond	Hills	-	-	-	-	-	-	-	-	9.84	8.05	-	8	-	-	-	-	-	< 3	10.8	-	-	-	2	-	-	-	-
Pond 3	B	4-Jul-12	pond	Hills	-	-	-	-	-	-	-	-	11.15	8.18	-	8.1	-	-	-	-	-	4	11.3	-	-	-	5	-	-	-	-
Pond 3	B	18-Jul-12	pond	Hills	-	-	-	-	-	-	-	-	10.4	8.06	-	8.1	-	-	-	-	-	< 3	12.5	-	-	-	3	-	-	-	-
Pond 3	C	1-Aug-12	discharge	Hills	< 0.00010	-	5.7	0.028	-	0.0013	-	-	9.93	7.93	-	8	-	-	5.1	19.4	61	9	12.1	-	-	-	11	-	0.0015	0.0032	-
Pond 3	B	15-Aug-12	pond	Hills	-	-	-	-	-	-	-	-	11.33	8.45	-	8.1	-	-	-	-	-	5	16	-	-	-	7	-	-	-	-
Pond 3	B	29-Aug-12	pond	Hills	-	-	-	-	-	-	-	-	13.95	8.46	-	8.2	-	-	-	-	-	< 3	14.6	-	-	-	3	-	-	-	-
Pond 3	B	12-Sep-12	pond	Hills	-	-	-	-	-	-	-	-	11.3	8.75	-	8.5	-	-	-	-	-	3	15.5	-	-	-	3	-	-	-	-
Pond 3	C	26-Sep-12	pond	Hills	< 0.00010	-	4.7	0.0007	-	0.0013	-	-	12.25	8.89	-	8.4	-	-	3.5	14.6	35	< 3	16.6	-	-	-	2	-	< 0.0010	0.0013	-
Pond 3	B	10-Oct-12	pond	Hills	-	-	-	-	-	-	-	-	12.2	9	-	8.5	-	-	-	-	-	3	18	-	-	-	2	-	-	-	-
Pond 3	B	24-Oct-12	pond	Hills	-	-	-	-	-	-	-	-	12.81	9.3	-	8.9	-	-	-	-	-	8	18.3	-	-	-	3	-	-	-	-
Pond 3	B	7-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	11.2	9.54	-	9.1	-	-	-	-	-	6	19.2	-	-	-	5	-	-	-	-
Pond 3	B	21-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	13.75	10.5	-	9.7	-	-	-	-	-	19	20	-	-	-	19	-	-	-	-
Pond 3	C	5-Dec-12	pond	Hills	0.0002	-	3.5	0.0197	-	0.001	-	-	12.43	10.45	-	9.8	-	-	4.1	19.2	28	122	21.5	-	-	-	125	-	0.001	0.0046	-
Pond 3	B	19-Dec-12	pond	Hills	-	-	-	-	-	-	-	-	8.88	9.63	-	8.5	-	-	-	-	-	39	23.7	-	-	-	58	-	-	-	-
Pond 3	B	9-Jan-13	pond	Hills	-	-	-	-	-	-	-	-	12.38	9.65	-	8.9	-	-	-	-	-	29	23.5	-	-	-	31	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	C	23-Jan-13	pond	Hills	0.0001	-	5.4	0.001	-	0.0011	-	-	11.58	10.03	-	9.6	-	-	5.7	22	35	52	26.2	-	-	-	70	-	0.001	0.0028	-
Pond 3	B	5-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	6.45	9.23	-	8.7	-	-	-	-	-	88	22.3	-	-	-	75	-	-	-	-
Pond 3	B	20-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	10.55	9.27	-	8.7	-	-	-	-	-	50	26.5	-	-	-	48	-	-	-	-
Pond 3	B	6-Mar-13	pond	Hills	-	-	-	-	-	-	-	-	8.21	8.89	-	8.2	-	-	-	-	-	51	23.6	-	-	-	80	-	-	-	-
Pond 3	C	20-Mar-13	pond	Hills	0.0001	-	6.9	0.0005	-	0.002	-	-	7.45	8.61	-	8.4	-	-	7.1	31	36	143	20.6	-	-	-	104	-	0.001	0.0101	-
Pond 3	B	3-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	6.52	8.79	-	8.4	-	-	-	-	-	90	19.9	-	-	-	76	-	-	-	-
Pond 3	B	17-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	8.21	8.89	-	8.2	-	-	-	-	-	51	23.6	-	-	-	80	-	-	-	-
Pond 3	B	1-May-13	pond	Hills	-	-	-	-	-	-	-	-	8.23	8.86	-	8.2	-	-	-	-	-	70	18.1	-	-	-	49	-	-	-	-
Pond 3	B	15-May-13	pond	Hills	-	-	-	-	-	-	-	-	12.25	9.03	-	8.5	-	-	-	-	-	19	14.7	-	-	-	25	-	-	-	-
Pond 3	C	29-May-13	pond	Hills	*0.0001*	-	7.8	0.0107	-	0.0017	-	-	8.4	8.12	-	8	-	-	6	33	108	14	13.6	-	-	-	16	-	0.002	0.0068	-
Pond 3	B	12-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	8.82	7.78	-	7.7	-	-	-	-	-	4	13.1	-	-	-	6	-	-	-	-
Pond 3	B	26-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	10.51	8.08	-	7.9	-	-	-	-	-	*3*	11.5	-	-	-	4	-	-	-	-
Pond 3	B	10-Jul-13	pond	Hills	-	-	-	-	-	-	-	-	9.92	8.05	-	7.9	-	-	-	-	-	*3*	12	-	-	-	4	-	-	-	-
Pond 3	Special	17-Jul-13	pond	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	24-Jul-13	pond	Hills	*0.0001*	-	8.9	0.023	-	0.0019	-	-	12.46	8.31	-	8.1	-	-	5.3	30	111	*3*	11.9	-	-	-	3	-	0.002	0.0043	-
Pond 3	B	6-Aug-13		Hills	-	-	-	-	-	-	-	-	15.3	8.32	-	8.3	-	-	-	-	-	4	11.9	-	-	-	5	-	-	-	-
Pond 3	B	20-Aug-13		Hills	-	-	-	-	-	-	-	-	10.05	8.16	-	8.1	-	-	-	-	-	*3*	14.1	-	-	-	4	-	-	-	-
Pond 3	B	3-Sep-13	discharge	Hills	-	-	-	-	-	-	-	-	10.24	8.11	-	7.9	-	-	-	-	-	*3*	16.3	-	-	-	2	-	-	-	-
Pond 3	C	18-Sep-13	discharge	Hills	*0.0001*	-	8	0.042	-	0.0017	-	-	9.69	9	-	8.2	-	-	4.3	27	90	*3*	15	-	-	-	4	-	0.002	0.0023	-
Pond 3	B	2-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	17.89	8.85	-	8.5	-	-	-	-	-	6	19.4	-	-	-	5	-	-	-	-
Pond 3	B	16-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	13.1	9.33	-	8.6	-	-	-	-	-	5	20	-	-	-	4	-	-	-	-
Pond 3	B	30-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	15.4	9.75	-	9.4	-	-	-	-	-	18	21.9	-	-	-	15	-	-	-	-
Pond 3	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	15.4	9.75	-	-	-	-	-	-	-	-	21.9	-	-	-	15	-	-	-	-
Pond 3	B	12-Nov-13	pond	Hills	-	-	-	-	-	-	-	-	13.1	10.68	-	10.1	-	-	-	-	-	41	21.5	-	-	-	39	-	-	-	-
Pond 3	C	26-Nov-13	pond	Hills	*0.0001*	-	5.2	0.0014	-	0.001	-	-	11.04	10.6	-	10.1	-	-	2.2	24	57	23	24.4	-	-	-	26	-	*0.001*	0.0024	-
Pond 3	B	18-Dec-13	pond	Hills	-	-	-	-	-	-	-	-	7.53	9.36	-	9.2	-	-	-	-	-	30	23	-	-	-	27	-	-	-	-
Pond 3	B	3-Jan-14	pond	Hills	-	-	-	-	-	-	-	-	7.49	8.44	-	8.1	-	-	-	-	-	19	27.7	-	-	-	18	-	-	-	-
Pond 3	C	14-Jan-14	discharge	Hills	*0.0001*	-	8.1	0.072	-	0.0012	-	-	6.48	7.61	-	7.8	-	-	6.6	29	53	36	22	-	-	-	38	-	0.001	0.004	-
Pond 3	B	30-Jan-14	pond	Hills	-	-	-	-	-	-	-	-	8.58	9.38	-	9.1	-	-	-	-	-	24	22.1	-	-	-	17	-	-	-	-
Pond 3	B	13-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	8.57	8.88	-	8.6	-	-	-	-	-	37	23.2	-	-	-	24	-	-	-	-
Pond 3	B	27-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	8.15	8.58	-	8.2	-	-	-	-	-	61	22.2	-	-	-	44	-	-	-	-
Pond 3	C	11-Mar-14	pond	Hills	*0.0001*	-	8.1	0.011	-	0.002	-	-	10.83	8.8	-	8.6	-	-	7.7	38	36	86	19.8	-	-	-	72	-	*0.001*	0.0076	-
Pond 3	B	25-Mar-14	pond	Hills	-	-	-	-	-	-	-	-	7.48	7.99	-	8.01	-	-	-	-	-	110	20	-	-	-	96	-	-	-	-
Pond 3	B	9-Apr-14	ponds	Hills	-	-	-	-	-	-	-	-	6.3	7.6	-	7.8	-	-	-	-	-	106	21.3	-	-	-	115	-	-	-	-
Pond 3	B	28-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	8.66	7.8	-	7.9	-	-	-	-	-	52	18.1	-	-	-	38	-	-	-	-
Pond 3	B	6-May-14	pond	Hills	-	-	-	-	-	-	-	-	7.46	7.58	-	7.8	-	-	-	-	-	29	17.7	-	-	-	34	-	-	-	-
Pond 3	C	21-May-14	pond	Hills	*0.0001*	-	10.7	0.0008	-	0.0021	-	-	7.67	7.63	-	7.9	-	-	7.3	39	137	32	15.3	-	-	-	29	-	*0.001*	0.0041	-
Pond 3	B	5-Jun-14	pond	Hills	-	-	-	-	-	-	-	-	10.88	8.26	-	8	-	-	-	-	-	20	15.3	-	-	-	17	-	-	-	-
Pond 3	B	18-Jun-14	pond	Hills	-	-	-	-	-	-	-	-	7.61	8.03	-	7.8	-	-	-	-	-	17	14.9	-	-	-	23	-	-	-	-
Pond 3	B	2-Jul-14	pond	Hills	-	-	-	-	-	-	-	-	5.36	7.67	-	7.7	-	-	-	-	-	4	13.6	-	-	-	9	-	-	-	-
Pond 3	C	15-Jul-14	discharge	Hills	*0.0001*	-	7.9	0.05	-	0.0025	-	-	8.93	7.9	-	8	-	-	5.6	27	104	9	13.5	-	-	-	14	-	0.016	0.034	-
Pond 3	B	30-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	8.22	7.71	-	7.7	-	-	-	-	-	11	12	-	-	-	12	-	-	-	-
Pond 3	B	14-Aug-14	pond	Hills	-	-	-	-	-	-	-	-	10.04	7.61	-	7.8	-	-	-	-	-	4	11.9	-	-	-	6	-	-	-	-
Pond 3	B	14-Aug-14	pond	Hills	-	-	-	-	-	-	-	-	11.32	7.86	-	7.9	-	-	-	-	-	4	15.5	-	-	-	5	-	-	-	-
Pond 3	B	11-Sep-14	discharge	Hills	-	-	-	-	-	-	-	-	5.52	7.84	-	7.8	-	-	-	-	-	6	15.7	-	-	-	9	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	C	23-Sep-14	discharge	Hills	*0.0001*	-	7.7	0.032	-	0.0028	-	-	8.82	8.05	-	8.1	-	-	4.5	26	87	6	14	-	-	-	7	-	0.004	0.0071	-
Pond 3	B	7-Oct-14	pond	Hills	-	-	-	-	-	-	-	-	12.35	8.16	-	8.3	-	-	-	-	-	*3*	17.5	-	-	-	3	-	-	-	-
Pond 3	B	16-Oct-14	pond	Hills	-	-	-	-	-	-	-	-	11.23	8.1	-	8.3	-	-	-	-	-	8	22.1	-	-	-	5	-	-	-	-
Pond 3	B	4-Nov-14	pond	Hills	-	-	-	-	-	-	-	-	8.78	8.11	-	8	-	-	-	-	-	*3*	21	-	-	-	3	-	-	-	-
Pond 3	C	19-Nov-14	pond	Hills	*0.0001*	-	8.3	0.0005	-	0.0024	-	-	8.66	8.1	-	8.23	-	-	4.5	29	84	*3*	21.1	-	-	-	4	-	0.001	0.0027	-
Pond 3	B	1-Dec-14	pond	Hills	-	-	-	-	-	-	-	-	9.91	8.46	-	8.2	-	-	-	-	-	14	22.5	-	-	-	7	-	-	-	-
Pond 3	B	18-Dec-14	pond	Hills	-	-	-	-	-	-	-	-	11.24	8.14	-	8.1	-	-	-	-	-	*3*	22	-	-	-	5	-	-	-	-
Pond 3	B	5-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	9.3	8.78	-	8.8	-	-	-	-	-	10	27.8	-	-	-	6	-	-	-	-
Pond 3	C	19-Jan-15	pond	Hills	*0.0001*	-	7.8	0.0015	-	0.0014	-	-	13.33	10.02	-	9.5	-	-	3.8	32	83	46	29.8	-	-	-	34	-	0.001	0.0103	-
Pond 3	B	29-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	11.08	10.18	-	9.6	-	-	-	-	-	25	26.4	-	-	-	27	-	-	-	-
Pond 3	B	10-Feb-15	pond	Hills	-	-	-	-	-	-	-	-	5.83	7.48	-	7.8	-	-	-	-	-	35	22.3	-	-	-	27	-	-	-	-
Pond 3	B	24-Feb-15	pond	Hills	-	-	-	-	-	-	-	-	5.41	7.21	-	7.6	-	-	-	-	-	94	22.4	-	-	-	85	-	-	-	-
Pond 3	C	12-Mar-15	pond	Hills	*0.0001*	-	10.5	0.0005	-	0.0027	-	-	10.08	8.57	-	8.4	-	-	9.5	55	91	39	23.5	-	-	-	32	-	0.001	0.0066	-
Pond 3	B	26-Mar-15	pond	Hills	-	-	-	-	-	-	-	-	7.08	8.15	-	7.9	-	-	-	-	-	60	21.8	-	-	-	33	-	-	-	-
Pond 3	B	9-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	2.6	7.36	-	7.6	-	-	-	-	-	16	22.7	-	-	-	21	-	-	-	-
Pond 3	B	21-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	4.5	7.9	-	7.7	-	-	-	-	-	35	20.8	-	-	-	24	-	-	-	-
Pond 3	B	6-May-15	pond	Hills	-	-	-	-	-	-	-	-	4.01	7.56	-	7.5	-	-	-	-	-	38	17.2	-	-	-	27	-	-	-	-
Pond 3	C	19-May-15	pond	Hills	*0.0001*	-	12.9	0.21	-	0.0022	-	-	7.19	7.55	-	7.8	-	-	8.1	51	161	121	15.2	-	-	-	83	-	0.001	0.016	-
Pond 3	B	3-Jun-15	pond	Hills	-	-	-	-	-	-	-	-	8.16	7.65	-	7.8	-	-	-	-	-	11	14.5	-	-	-	12	-	-	-	-
Pond 3	B	16-Jun-15	pond	Hills	-	-	-	-	-	-	-	-	9.68	7.67	-	7.9	-	-	-	-	-	5	13.4	-	-	-	5	-	-	-	-
Pond 3	B	29-Jun-15	pond	Hills	-	-	-	-	-	-	-	-	11.6	7.8	-	8.1	-	-	-	-	-	7	12.9	-	-	-	8	-	-	-	-
Pond 3	C	14-Jul-15	pond	Hills	*0.0001*	-	12.6	0.048	-	0.0034	-	-	12.4	7.72	-	8	-	-	7.7	54	190	4	10.3	-	-	-	6	-	0.025	0.031	-
Pond 3	B	30-Jul-15	pond	Hills	-	-	-	-	-	-	-	-	11.6	7.7	-	8	-	-	-	-	-	5	14.1	-	-	-	7	-	-	-	-
Pond 3	B	12-Aug-15	pond	Hills	-	-	-	-	-	-	-	-	10.32	7.28	-	7.8	-	-	-	-	-	3	11.5	-	-	-	8	-	-	-	-
Pond 3	B	24-Aug-15	pond	Hills	-	-	-	-	-	-	-	-	9.53	7.76	-	7.8	-	-	-	-	-	3	14.4	-	-	-	5	-	-	-	-
Pond 3	B	8-Sep-15	discharge	Hills	-	-	-	-	-	-	-	-	8.33	7.71	-	7.8	-	-	-	-	-	13	14.4	-	-	-	17	-	-	-	-
Pond 3	C	22-Sep-15	pond	Hills	0.00014	-	10.2	0.069	-	0.0046	-	-	6.7	7.82	-	7.9	-	-	6	38	120	5	15.3	-	-	-	4	-	0.052	0.069	-
Pond 3	B	8-Oct-15	pond	Hills	-	-	-	-	-	-	-	-	7.51	7.86	-	8	-	-	-	-	-	5	19.1	-	-	-	8	-	-	-	-
Pond 3	B	21-Oct-15	pond	Hills	-	-	-	-	-	-	-	-	7.51	7.86	-	8.1	-	-	-	-	-	9	18.7	-	-	-	8	-	-	-	-
Pond 3	B	4-Nov-15	pond	Hills	-	-	-	-	-	-	-	-	8.32	7.99	-	8	-	-	-	-	-	16	19.7	-	-	-	9	-	-	-	-
Pond 3	C	17-Nov-15	pond	Hills	*0.0001*	-	11.4	0.04	-	0.0037	-	-	8.16	7.94	-	7.9	-	-	6.3	47	121	16	20.6	-	-	-	20	-	0.005	0.02	-
Pond 3	B	30-Nov-15	pond	Hills	-	-	-	-	-	-	-	-	7.06	8.21	-	8.2	-	-	-	-	-	16	24.2	-	-	-	17	-	-	-	-
Pond 3	B	15-Dec-15	pond	Hills	-	-	-	-	-	-	-	-	4.33	8.67	-	8.4	-	-	-	-	-	165	22.7	-	-	-	131	-	-	-	-
Pond 3	B	5-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	6.65	8.15	-	8	-	-	-	-	-	44	23.8	-	-	-	46	-	-	-	-
Pond 3	C	12-Jan-16	pond	Hills	*0.0001*	-	10.2	0.114	-	0.0037	-	-	6.41	7.97	-	7.9	-	-	7.6	56	136	35	24.7	-	-	-	35	-	0.003	0.021	-
Pond 3	B	27-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	5.18	8.46	-	8.3	-	-	-	-	-	78	26.6	-	-	-	46	-	-	-	-
Pond 3	B	9-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	5.38	8.26	-	8.2	-	-	-	-	-	84	25.2	-	-	-	49	-	-	-	-
Pond 3	B	24-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	7	8.6	-	8	-	-	-	-	-	179	28.2	-	-	-	105	-	-	-	-
Pond 3	C	9-Mar-16	pond	Hills	*0.0001*	-	11.8	0.0012	-	0.0028	-	-	7.85	8.47	-	8.3	-	-	8.5	59	176	26	25.3	-	-	-	20	-	0.001	0.0091	-
Pond 3	B	23-Mar-16	pond	Hills	-	-	-	-	-	-	-	-	5.4	7.9	-	8.1	-	-	-	-	-	53	22.3	-	-	-	41	-	-	-	-
Pond 3	B	6-Apr-16	pond	Hills	-	-	-	-	-	-	-	-	6.11	7.78	-	8	-	-	-	-	-	19	21.4	-	-	-	27	-	-	-	-
Pond 3	B	3-May-16	pond	Hills	-	-	-	-	-	-	-	-	9.8	7.84	-	8.4	-	-	-	-	-	178	18	-	-	-	127	-	-	-	-
Pond 3	C	18-May-16	pond	Hills	*0.0001*	-	11	0.0025	-	0.0024	-	-	5.6	8.5	-	8.3	-	-	7.3	54	-	76	17	-	-	-	43	-	0.001	0.0176	-
Pond 3	B	3-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	5.9	7.8	-	7.6	-	-	-	-	-	11	12	-	-	-	12	-	-	-	-
Pond 3	B	18-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	5.8	7.5	-	7.8	-	-	-	-	-	6	14.5	-	-	-	5	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	29-Jun-16	pond	Hill	-	-	-	-	-	-	-	-	5.3	7.6	-	7.9	-	-	-	-	-	7	13	-	-	-	18	-	-	-	-
Pond 3	B	13-Jul-16	pond	Hills	-	-	-	-	-	-	-	-	4.8	7.3	-	7.9	-	-	-	-	-	43	11	-	-	-	63	-	-	-	-
Pond 3	B	27-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.5	-	8.1	-	-	-	-	-	23	13	-	-	-	21	-	-	-	-
Pond 3	H	12-Aug-16	discharge	Hills	*0.0001*	-	5.6	0.0037	-	0.0016	-	-	6.2	7.8	-	8	-	-	2.9	21	56	40	10	-	-	-	45	-	*0.001*	0.0066	-
Pond 3	B	25-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	5.3	7.7	-	7.9	-	-	-	-	-	3	14	-	-	-	33	-	-	-	-
Pond 3	B	7-Sep-16	pond	Hills	-	-	-	-	-	-	-	-	6.8	7.4	-	7.9	-	-	-	-	-	4	14	-	-	-	40	-	-	-	-
Pond 3	B	22-Sep-16	pond	Hills	-	-	-	-	-	-	-	-	6.1	7.8	-	7.9	-	-	-	-	-	5	17	-	-	-	7	-	-	-	-
Pond 3	B	4-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.6	-	7.9	-	-	-	-	-	11	17	-	-	-	20	-	-	-	-
Pond 3	B	20-Oct-16	pond	Hills	-	-	-	-	-	-	-	-	5.6	7.9	-	8.3	-	-	-	-	-	13	17	-	-	-	17	-	-	-	-
Pond 3	B	3-Nov-16	pond	Hills	-	-	-	-	-	-	-	-	5.1	7.8	-	7.9	-	-	-	-	-	27	20	-	-	-	10	-	-	-	-
Pond 3	C	22-Nov-16	pond	Hills	*0.0001*	-	5.4	0.0011	-	0.0016	-	-	8.1	8.1	-	8.2	-	-	4.1	39	156	37.2	20	-	-	-	10.2	-	*0.001*	0.0039	-
Pond 3	B	30-Nov-16	pond	Hills	-	-	-	-	-	-	-	-	7.5	7.9	-	8	-	-	-	-	-	37	22	-	-	-	14	-	-	-	-
Pond 3	O&G	12-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Dec-16	pond	Hills	-	-	-	-	-	-	-	-	7.5	7.9	-	8.2	-	-	-	-	-	9	22	-	-	-	9	-	-	-	-
Pond 3	B	5-Jan-17	pond	Hills	-	-	-	-	-	-	-	-	7.6	8	-	8.2	-	-	-	-	-	32	22	-	-	-	6	-	-	-	-
Pond 3	C	12-Jan-17	pond	Hills	*0.0001*	-	6.1	0.0007	-	0.0018	-	-	7.5	7.5	-	8	-	-	3.8	22	51	46	19	-	-	-	33	-	*0.001*	0.0101	-
Pond 3	B	31-Jan-17	pond	Hills	-	-	-	-	-	-	-	-	7.9	7.7	-	8	-	-	-	-	-	83	22	-	-	-	28	-	-	-	-
Pond 3	H	9-Feb-17	pond	Hills	*0.0001*	-	7.2	0.0005	-	0.0023	-	-	6.8	7.5	-	7.9	-	-	5.2	28	58	210	22	-	-	-	4.2	-	*0.001*	-	-
Pond 3	B	22-Feb-17	pond	Hills	-	-	-	-	-	-	-	-	7.1	8.2	-	8.6	-	-	-	-	-	40	24	-	-	-	18	-	-	-	-
Pond 3	B	9-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	6.7	7.5	-	7.8	-	-	-	-	-	131	20	-	-	-	34	-	-	-	-
Pond 3	B	22-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	6.2	7.2	-	7.8	-	-	-	-	-	11	22	-	-	-	9	-	-	-	-
Pond 3	B	3-Apr-17	pond	Hills	-	-	-	-	-	-	-	-	5.8	7.2	-	7.7	-	-	-	-	-	3	21	-	-	-	7	-	-	-	-
Pond 3	B	20-Apr-17	dicharge	Hills	-	-	-	-	-	-	-	-	5.2	7.8	-	7.9	-	-	-	-	-	23	19	-	-	-	29	-	-	-	-
Pond 3	B	5-May-17	pond	Hills	-	-	-	-	-	-	-	-	6.2	7.9	-	8	-	-	-	-	-	6	15	-	-	-	10	-	-	-	-
Pond 3	C	31-May-17	pond	Hills	*0.0001*	-	9.4	0.023	-	0.0028	-	-	6.8	7.7	-	7.8	-	-	-	-	-	3	14	-	-	-	7.6	-	*0.003*	0.0043	-
Pond 3	B	13-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	6.1	7.7	-	7.9	-	-	-	-	-	3	13	-	-	-	8	-	-	-	-
Pond 3	B	22-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	6.2	7.9	-	8	-	-	-	-	-	5	13	-	-	-	8.2	-	-	-	-
Pond 3	)il and Greas	4-Jul-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Jul-17	pond	Hills	-	-	-	-	-	-	-	-	6.1	7.7	-	7.8	-	-	-	-	-	18	13	-	-	-	23	-	-	-	-
Pond 3	B	27-Jul-17	dicharge	Hills	-	-	-	-	-	-	-	-	6.2	8	-	8.1	-	-	-	-	-	29	11	-	-	-	16	-	-	-	-
Pond 3	B	15-Aug-17	dicharge	Hills	-	-	-	-	-	-	-	-	6.9	7.75	-	8.1	-	-	-	-	-	12	15	-	-	-	14	-	-	-	-
Pond 3	H	30-Aug-17	Pond	Hills	*0.0001*	-	8.6	0.0005	-	0.003	-	-	6.7	8	-	8.2	-	-	3.4	28	119	*5*	14	-	-	-	6.4	-	*0.001*	-	-
Pond 3	B	14-Sep-17	Discharge	Hills	-	-	-	-	-	-	-	-	6.6	8	-	8.2	-	-	-	-	-	6	16	-	-	-	7.1	-	-	-	-
Pond 3	B	28-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	7.9	8.1	-	8.4	-	-	-	-	-	7	18.9	-	-	-	5.7	-	-	-	-
Pond 3	B	11-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	7.1	8.23	-	8.1	-	-	-	-	-	19	18.6	-	-	-	9.4	-	-	-	-
Pond 3	B	26-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	9.55	8.34	-	8.1	-	-	-	-	-	3	18.5	-	-	-	3.1	-	-	-	-
Pond 3	B	9-Nov-17	Pond	Hills	-	-	-	-	-	-	-	-	8.1	8	-	8.1	-	-	-	-	-	43	18	-	-	-	27	-	-	-	-
Pond 3	C	23-Nov-17	pond	Hills	*0.0001*	-	7.2	0.0014	-	0.0022	-	-	10.5	8.8	-	8.8	-	-	-	-	-	49	24	-	-	-	56	-	0.001	0.0072	-
Pond 3	B	6-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	9.1	9.8	-	9.9	-	-	-	-	-	3	24	-	-	-	9	-	-	-	-
Pond 3	B	21-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	9.58	9.95	-	9.8	-	-	-	-	-	6	26	-	-	-	6	-	-	-	-
Pond 3	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	8.42	8.27	-	7.8	-	-	-	-	-	5	28.3	-	-	-	2	-	-	-	-
Pond 3	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	8.74	8.06	-	8	-	-	-	-	-	10	27.7	-	-	-	3.4	-	-	-	-
Pond 3	H	8-Feb-18	Pond	Hills	*0.0001*	-	8.5	0.0008	-	0.0023	-	-	8.54	8.46	-	8.1	-	-	6.3	36	166	19	24	-	-	-	9	-	*0.001*	-	-
Pond 3	B	28-Feb-18	Pond	Hills	-	-	8.5	-	-	-	-	-	6.4	7.8	-	7.9	-	-	6.2	31	-	40	-	1.51	-	-	8	-	-	-	-
Pond 3	B	8-Mar-18	Pond	Hills	-	-	9.2	-	-	-	-	-	8.48	8.35	-	7.9	-	-	6.3	33	-	48	24.6	1.8	-	-	15.9	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	29-Mar-18	Pond	Hills	-	-	7.8	-	-	-	-	-	8.27	8.32	-	7.7	-	-	6.1	26	-	5	24	1.23	-	-	3.4	-	-	-	-
Pond 3	B	12-Apr-18	Pond	Hills	-	-	7.6	-	-	-	-	-	9.51	7.87	-	8.1	-	-	6.3	29	-	7	17.7	0.8	-	-	6.5	-	-	-	-
Pond 3	B	24-Apr-18	Pond	Hills	-	-	6.8	-	-	-	-	-	9.69	8.18	-	7.9	-	-	5.8	26	-	9	19.7	0.72	-	-	6	-	-	-	-
Pond 3	B	9-May-18	Pond	Hills	-	-	6.8	-	-	-	-	-	8.33	7.68	-	8	-	-	6.1	27	-	*3*	16.5	0.66	-	-	3.1	-	-	-	-
Pond 3	C	29-May-18	Pond	Hills	*0.0001*	-	7.1	0.0153	-	0.0026	-	-	10.06	8.08	-	8.2	-	-	5.6	28	100	13	14.3	0.56	-	-	19.4	-	0.003	0.0087	-
Pond 3	B	14-Jun-18	Pond	Hills	-	-	5.6	-	-	-	-	-	9.5	7.82	-	8	-	-	4.5	22	-	32	13.8	0.71	-	-	40.4	-	-	-	-
Pond 3	B	28-Jun-18	Pond	Hills	-	-	6.4	-	-	-	-	-	9.42	7.85	-	8	-	-	3.9	24	-	45	10.7	0.59	-	-	50	-	-	-	-
Pond 3	B	16-Jul-18	Pond	Hills	-	-	6.3	-	-	-	-	-	12.35	8.26	-	8.2	-	-	3.6	24	-	19	15.3	0.8	-	-	34	-	-	-	-
Pond 3	B	26-Jul-18	Pond	Hills	-	-	5.4	-	-	-	-	-	11.5	7.88	-	8.2	-	-	3.6	21	-	8	12.5	0.95	-	-	30	-	-	-	-
Pond 3	B	9-Aug-18	Pond	Hills	-	-	5.6	-	-	-	-	-	11.29	8.38	-	8.2	-	-	3.9	22	-	5	13.8	0.65	-	-	10	-	-	-	-
Pond 3	H	23-Aug-18	Pond	Hills	*0.0001*	-	7	0.0121	-	0.0031	-	-	11.39	8.31	-	8.2	-	-	4.1	30	83	*8*	11.8	0.41	-	-	8.1	-	0.042	0.061	-
Pond 3	B	11-Sep-18	Pond	Hills	-	-	6.3	-	-	-	-	-	11.52	8.38	-	8.7	-	-	3.1	25	-	9	15.2	0.48	-	-	10	-	-	-	-
Pond 3	B	25-Sep-18	Pond	Hills	-	-	6.4	-	-	-	-	-	11.4	8.72	-	9.1	-	-	2.9	22	-	7	16.78	1.16	-	-	8	-	-	-	-
Pond 3	B	9-Oct-18	discharge	Hills	-	-	8.1	-	-	-	-	-	10.67	8.35	-	8.3	-	-	3.9	34	-	12	13.2	0.52	-	-	7	-	-	-	-
Pond 3	B	23-Oct-18	Pond	Hills	-	-	6.4	-	-	-	-	-	11.32	9.94	-	9.8	-	-	1.95	25	-	6	20	0.5	-	-	4	-	-	-	-
Pond 3	B	6-Nov-18	Pond	Hills	-	-	5.8	-	-	-	-	-	12.65	9.6	-	9.7	-	-	2.1	24	-	6	19.7	0.73	-	-	6	-	-	-	-
Pond 3	C	20-Nov-18	Pond	Hills	*0.0001*	-	6.2	0.0042	-	0.0016	-	-	12.5	10	-	10	-	-	2.2	27	84	9	20.5	0.93	-	-	2.6	-	*0.0010*	0.0021	-
Pond 3	B	6-Dec-18	Discharge	Hills	-	-	5.9	-	-	-	-	-	9.15	9.23	-	8.4	-	-	3.3	25	-	15	22.6	0.57	-	-	17	-	-	-	-
Pond 3	B	20-Dec-18	Pond	Hills	-	-	5.5	-	-	-	-	-	7.88	8	-	8	-	-	4.2	24	-	8	24.1	0.51	-	-	5	-	-	-	-
Pond 3	B	8-Jan-19	Pond	Hills	-	-	5.5	-	-	-	-	-	7.89	8.02	-	8.1	-	-	5.4	19.9	-	23	27.1	0.83	-	-	19	-	-	-	-
Pond 3	B	22-Jan-19	Pond	Hills	-	-	5.7	-	-	-	-	-	6.65	7.8	-	8	-	-	5.9	21	-	46	25.6	0.98	-	-	13	-	-	-	-
Pond 3	H	7-Feb-19	Pond	Hills	*0.0001*	-	5.6	*0.0005*	-	0.0025	-	-	6.65	8.02	-	8.1	-	-	6.4	21	53	50	24.4	1.38	-	-	30	-	*0.0010*	0.0103	-
Pond 3	B	20-Feb-19	Pond	Hills	-	-	6.6	-	-	-	-	-	6.3	8	-	8	-	-	7.2	23	-	45	25.1	1.82	-	-	30	-	-	-	-
Pond 3	B	7-Mar-19	Pond	Hills	-	-	6.8	-	-	-	-	-	6.5	8.83	-	8.2	-	-	7.7	25	-	27	22	1.47	-	-	50	-	-	-	-
Pond 3	B	27-Mar-19	Pond	Hills	-	-	8.1	-	-	-	-	-	7	8.17	-	8.2	-	-	7.7	28	-	19	21.6	1.25	-	-	27	-	-	-	-
Pond 3	B	10-Apr-19	Pond	Hills	-	-	7.6	-	-	-	-	-	9.15	8.11	-	8.1	-	-	7.4	28	-	46	21.8	1.77	-	-	33	-	-	-	-
Pond 3	B	26-Apr-19	Pond	Hills	-	-	7.8	-	-	-	-	-	9.62	8.33	-	8.4	-	-	6.7	28	-	24	18.6	1.33	-	-	15	-	-	-	-
Pond 3	B	15-May-19	Pond	Hills	-	-	7.5	-	-	-	-	-	11.15	8.14	-	8.3	-	-	6.5	28	-	51	17.1	5.6	-	-	32	-	-	-	-
Pond 3	C	27-May-19	Pond	Hills	*0.00010*	-	8.3	0.0006	-	0.0024	-	-	11.83	8.14	-	8.2	-	-	6.6	31	76	48	16.5	1.05	-	-	30	-	*0.0010*	0.0041	-
Pond 3	B	11-Jun-19	Pond	Hills	-	-	9.3	-	-	-	-	-	11.56	8.06	-	8.2	-	-	7.1	35	-	32	14.3	1.01	-	-	31	-	-	-	-
Pond 3	B	25-Jun-19	Pond	Hills	-	-	11.5	-	-	-	-	-	11.3	7.95	-	8.3	-	-	7.3	40	-	12	13.2	0.8	-	-	6	-	-	-	-
Pond 3	B	9-Jul-19	Pond	Hills	-	-	11.4	-	-	-	-	-	9.26	7.72	-	7.8	-	-	6.9	40	-	22	13.4	0.67	-	-	18	-	-	-	-
Pond 3	B	22-Jul-19	Discharge	Hills	-	-	12.9	-	-	-	-	-	9.5	7.89	-	8.1	-	-	6.3	41	-	8	13.8	0.46	-	-	9	-	-	-	-
Pond 3	B	6-Aug-19	Discharge	Hills	-	-	12.9	-	-	-	-	-	10.75	7.93	-	8.2	-	-	6	43	-	6	12	0.39	-	-	4	-	-	-	-
Pond 3	H	21-Aug-19	Pond	Hills	*0.00010*	-	13.3	0.0011	-	0.0035	-	-	11.65	8.04	-	8.2	-	-	5.1	43	-	9	13.6	0.51	-	-	6	-	0.0023	0.0054	-
Pond 3	B	3-Sep-19	Pond	Hills	-	-	12.7	-	-	-	-	-	14.84	7.9	-	8.3	-	-	4.5	43	-	*3*	15.1	0.35	-	-	5	-	-	-	-
Pond 3	B	18-Sep-19	Pond	Hills	-	-	10.5	-	-	-	-	-	14.11	7.97	-	8.4	-	-	3.4	35	-	4	18	0.29	-	-	7	-	-	-	-
Pond 3	B	1-Oct-19	Pond	Hills	-	-	10.6	-	-	-	-	-	11.75	8.5	-	8.8	-	-	3.4	37	-	*3*	18	0.33	-	-	3	-	-	-	-
Pond 3	B	18-Oct-19	Pond	Hills	-	-	9.7	-	-	-	-	-	12	7.8	-	8.1	-	-	3.7	36	-	14	18	0.47	-	-	13	-	-	-	-
Pond 3	B	5-Nov-19	Pond	Hills	-	-	10.5	-	-	-	-	-	12.4	9.3	-	9.6	-	-	3.7	37	-	4	27	0.33	-	-	5	-	-	-	-
Pond 3	C	19-Nov-19	Pond	Hills	*0.0001*	-	9.3	0.0014	-	0.0018	-	-	11.24	8.73	-	8.6	-	-	3.7	35	130	5	22	0.35	-	-	2.2	-	*0.001*	0.0016	-
Pond 3	B	2-Dec-19	Pond	Hills	-	-	10.2	-	-	-	-	-	11.5	7.56	-	7.7	-	-	5.4	37	-	15	26	0.49	-	-	10	-	-	-	-
Pond 3	B	17-Dec-19	Pond	Hills	-	-	10	-	-	-	-	-	5.6	7.6	-	7.8	-	-	7.9	40	-	44	23	0.6	-	-	5	-	-	-	-
Pond 3	B	7-Jan-20	Pond	Hills	-	-	10.1	-	-	-	-	-	6	7.93	-	8.1	-	-	8.2	46	-	39	20	0.95	-	-	40	-	-	-	-
Pond 3	B	22-Jan-20	Pond	Hills	-	-	10.5	-	-	-	-	-	9.54	8.37	-	8.4	-	-	6.6	48	-	16	26.2	1.02	-	-	11	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	H	5-Feb-20	Pond	Hills	*0.0001*	-	10.2	0.0007	-	0.002	-	-	9.4	8.1	-	8.2	-	-	7.1	49	137	33	26	1.15	-	-	23	-	*0.001*	0.0042	-
Pond 3	B	25-Feb-20	Pond	Hills	-	-	10.4	-	-	-	-	-	9.5	8.23	-	8.4	-	-	7.2	55	-	22	25	0.88	-	-	12	-	-	-	-
Pond 3	B	10-Mar-20	Pond	Hills	-	-	9.9	-	-	-	-	-	8.5	7.97	-	8.1	-	-	7.5	56	-	55	24	0.97	-	-	60	-	-	-	-
Pond 3	B	23-Mar-20	Pond	Hills	-	-	12	-	-	-	-	-	9.65	7.8	-	8	-	-	8.3	65	-	64	23	1.2	-	-	55	-	-	-	-
Pond 3	B	6-Apr-20	Pond	Hills	-	-	11.6	-	-	-	-	-	8.8	8.2	-	7.9	-	-	10.1	68	-	38	19	1.4	-	-	39	-	-	-	-
Pond 3	B	22-Apr-20	Pond	Hills	-	-	12.8	-	-	-	-	-	9.6	8.3	-	8.5	-	-	10.1	68	-	38	21	1.53	-	-	28	-	-	-	-
Pond 3	C	11-May-20	Pond	Hill	*0.0001*	-	10.8	0.21	-	0.0034	-	-	7.7	7.6	-	7.9	-	-	8.6	58	142	49	17.2	1.17	-	-	42	-	*0.001*	0.0074	-
Pond 3	B	26-May-20	Pond	Hills	-	-	10.3	-	-	-	-	-	7.5	8	-	8.3	-	-	7.7	54	-	71	18	1.92	-	-	34	-	-	-	-
Pond 3	B	9-Jun-20	Pond	Hills	-	-	9.9	-	-	-	-	-	11.04	8	-	8.2	-	-	6.7	49	-	28	13	1	-	-	19	-	-	-	-
Pond 3	B	23-Jun-20	Pond	Hills	-	-	12.2	-	-	-	-	-	10.2	7.9	-	7.6	-	-	6.6	48	-	27	13	0.97	-	-	23	-	-	-	-
Pond 3	B	8-Jul-20	Discharge	Hills	-	-	9.8	-	-	-	-	-	7.6	7.8	-	7.9	-	-	7.1	35	-	13	11.9	0.63	-	-	14	-	-	-	-
Pond 3	B	23-Jul-20	Pond	Hills	-	-	12	-	-	-	-	-	9.8	7.6	-	7.5	-	-	8.1	40	-	13	14.6	0.93	-	-	17	-	-	-	-
Pond 3	B	11-Aug-20	Discharge	Hills	-	-	12.6	-	-	-	-	-	9.4	7.7	-	7.8	-	-	8.4	44	-	5	12	1.06	-	-	6	-	-	-	-
Pond 3	H	25-Aug-20	Discharge	Hills	0.00011	-	11.4	0.035	-	0.0052	-	-	4.5	7.85	-	7.8	-	-	7.5	39	178	*15*	16.3	0.83	-	-	8	-	0.0065	0.0097	-
Pond 3	B	7-Sep-20	Pond	Hills	-	-	11.7	-	-	-	-	-	10.5	8.41	-	8.1	-	-	7.6	43	-	4	17.1	1.22	-	-	5	-	-	-	-
Pond 3	B	22-Sep-20	Pond	Hills	-	-	12.2	-	-	-	-	-	7.6	8.5	-	8.2	-	-	7.6	44	157	*6*	18.5	1.38	-	-	5	-	-	-	-
Pond 3	B	6-Oct-20	Pond	Hills	-	-	13	-	-	-	-	-	10.85	8.07	-	8.2	-	-	8.1	47	-	6	18.8	1.04	-	-	7	-	-	-	-
Pond 3	B	20-Oct-20	Pond	Hills	-	-	12.6	-	-	-	-	-	10.5	8.3	-	8.4	-	-	7.6	52	-	13	21.8	1.04	-	-	6	-	-	-	-
Pond 3	C	4-Nov-20	Pond	Hills	*0.0001*	-	13.3	*0.0005*	-	0.0041	-	-	10.6	8.53	-	8.3	-	-	8.1	65	210	11	22.1	0.92	-	-	7	-	0.0013	0.0037	-
Pond 3	B	18-Nov-20	Pond	Hill	-	-	11.3	-	-	-	-	-	10.5	8	-	8	-	-	7.2	69	-	6	23	0.66	-	-	5	-	-	-	-
Pond 3	B	2-Dec-20	Pond	Hill	-	-	12.1	-	-	-	-	-	10.86	8.1	-	8.1	-	-	6.9	69	-	7	22.3	0.85	-	-	7	-	-	-	-
Pond 3	B	17-Dec-20	Pond	Hill	-	-	12.7	-	-	-	-	-	10.8	8.28	-	8.4	-	-	6.3	75	-	4	25	0.84	-	-	7	-	-	-	-
Pond 3	B	11-Jan-21	Pond	Hill	-	-	11	-	-	-	-	-	11	8.9	-	8.8	-	-	5.8	70	-	30	27.2	0.61	-	-	6	-	-	-	-
Pond 3	B	25-Jan-21	Pond	Hill	-	-	10.7	-	-	-	-	-	12.23	9	-	9	-	-	5.4	70	-	6	24.4	0.5	-	-	6	-	-	-	-
Pond 3	H	10-Feb-21	Pond	Hill	*0.0002*	-	12.5	0.0026	-	0.0023	-	-	12.3	8.8	-	8.8	-	-	6	86	210	13	24	0.73	-	-	9	-	*0.0020*	0.0031	-
Pond 3	B	24-Feb-21	Pond	Hill	-	-	12.2	-	-	-	-	-	7.64	7.9	-	7.8	-	-	6.7	75	-	7	23.5	0.56	-	-	5	-	-	-	-
Pond 3	B	9-Mar-21	Pond	Hill	-	-	13.4	-	-	-	-	-	10.69	8.79	-	8.6	-	-	6.6	80	-	5	22.1	0.71	-	-	6.8	-	-	-	-
Pond 3	B	25-Mar-21	Pond	Hill	-	-	14.8	-	-	-	-	-	9.16	7.73	-	7.4	-	-	8.1	115	-	4	22.2	0.72	-	-	4	-	-	-	-
Pond 3	B	8-Apr-21	Pond	Hill	-	-	13.5	-	-	-	-	-	8.6	7.79	-	7.8	-	-	8.6	125	-	4	23.2	0.65	-	-	3	-	-	-	-
Pond 3	B	22-Apr-21	Pond	Hill	-	-	13.8	-	-	-	-	-	8.42	7.9	-	7.9	-	-	9.6	130	-	*3*	19.8	0.55	-	-	4	-	-	-	-
Pond 3	B	6-May-21	Pond	Hill	-	-	13.1	-	-	-	-	-	9.12	8.1	-	8.1	-	-	9.4	122	-	*3*	17.4	0.53	-	-	4	-	-	-	-
Pond 3	C	20-May-21	Pond	Hill	*0.0001*	-	12.9	*0.0005*	-	0.0026	-	-	9.2	7.97	-	7.9	-	-	8.8	113	310	*3*	16.7	0.72	-	-	5	-	*0.0010*	*0.0011*	-
Pond 3	B	3-Jun-21	Pond	Hill	-	-	11.6	-	-	-	-	-	10.4	8.33	-	8.5	-	-	8.5	111	-	*3*	14	0.52	-	-	3	-	-	-	-
Pond 3	B	17-Jun-21	Pond	Hill	-	-	11.7	-	-	-	-	-	8.8	7.8	-	7.7	-	-	8.8	88	-	*3*	14.6	0.6	-	-	3	-	-	-	-
Pond 3	B	1-Jul-21	Pond	Hill	-	-	9.9	-	-	-	-	-	12.15	8.2	-	8.2	-	-	8.6	59	-	18	12.2	0.98	-	-	8	-	-	-	-
Pond 3	B	16-Jul-21	Pond	Hill	-	-	10.9	-	-	-	-	-	9.5	7.6	-	7.6	-	-	8.6	55	-	9	11.9	0.67	-	-	6	-	-	-	-
Pond 3	H	2-Aug-21	Pond	Hill	*0.00010*	-	9	0.0005	-	0.0028	-	-	10.88	8.49	-	7.6	-	-	7.3	39	126	8	15	0.75	-	-	13	-	0.0017	0.0080	-
Pond 3	B	16-Aug-21	Pond	Hill	-	-	9	-	-	-	-	-	9.5	7.7	-	7.6	-	-	6.5	37	-	15	14	0.64	-	-	14	-	-	-	-
Pond 3	B	30-Aug-21	Pond	Hill	-	-	9.7	-	-	-	-	-	9	8	-	7.9	-	-	6.6	38	-	4	16	0.52	-	-	5	-	-	-	-
Pond 3	B	13-Sep-21	Pond	Hill	-	-	6.1	-	-	-	-	-	9.1	8.2	-	8.2	-	-	4.6	22	-	7	17.4	0.49	-	-	9	-	-	-	-
Pond 3	B	27-Sep-21	Pond	Hill	-	-	5.5	-	-	-	-	-	8.8	7.95	-	7.9	-	-	3.9	18.5	-	8	16	0.36	-	-	13	-	-	-	-
Pond 3	B	11-Oct-21	Pond	Hill	-	-	5.3	-	-	-	-	-	9.2	8.14	-	8.1	-	-	4	18.2	-	*3*	19.7	0.32	-	-	5	-	-	-	-
Pond 3	B	26-Oct-21	Pond	Hill	-	-	5.8	-	-	-	-	-	9.7	8.3	-	8.3	-	-	3.6	18.7	-	*3*	21.7	0.41	-	-	5	-	-	-	-
Pond 3	C	8-Nov-21	Pond	Hill	*0.0001*	-	6.2	*0.0005*	-	0.0016	-	-	15.42	8.4	-	8.3	-	-	3.5	20	52	*3*	22.4	0.34	-	-	5	-	*0.0010*	0.0028	-
Pond 3	B	23-Nov-21	Pond	Hill	-	-	7.1	-	-	-	-	-	13.5	8.4	-	8.3	-	-	3.4	23	-	*3*	24.8	0.4	-	-	4	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	7-Dec-21	Pond	Hill	-	-	6.4	-	-	-	-	-	13.3	8.1	-	8.1	-	-	3	24	-	18	25.2	0.51	-	-	3	-	-	-	-
Pond 3	B	20-Dec-21	Pond	Hill	-	-	7.6	-	-	-	-	-	13.5	8.3	-	8.4	-	-	3.2	25	-	6	28	0.49	-	-	3	-	-	-	-
Pond 3	B	6-Jan-22	Pond	Hill	-	-	7.4	-	-	-	-	-	13.6	8.2	-	8.2	-	-	3.3	28	-	*3*	26	0.52	-	-	3	-	-	-	-
Pond 3	B	20-Jan-22	Pond	Hill	-	-	7.6	-	-	-	-	-	11.7	7.95	-	8.1	-	-	3.8	30	-	24	26.5	0.73	-	-	10.4	-	-	-	-
Pond 3	B	3-Feb-22	Pond	Hill	-	-	8.8	-	-	-	-	-	11.3	7.65	-	7.9	-	-	4.6	34	-	*15*	25	0.81	-	-	3.09	-	-	-	-
Pond 3	H	17-Feb-22	Pond	Hill	*0.0001*	-	8.7	0.0005	-	0.0015	-	-	7.65	7.92	-	7.9	-	-	5.3	34	75	*7*	25.3	0.76	-	-	2.8	-	*0.0010*	0.0016	-
Pond 3	B	7-Mar-22	Pond	Hill	-	-	9.2	-	-	-	-	-	9.02	8.11	-	7.7	-	-	6.5	37	-	33	24	0.92	-	-	30	-	-	-	-
Pond 3	B	22-Mar-22	Pond	Hill	-	-	8	-	-	-	-	-	8.2	7.68	-	7.5	-	-	8	34	-	43	23	1.97	-	-	56	-	-	-	-
Pond 3	B	5-Apr-22	Pond	Hill	-	-	9.4	-	-	-	-	-	9.1	8.23	-	8.2	-	-	8.2	38	-	59	22.8	1.77	-	-	65	-	-	-	-
Pond 3	B	19-Apr-22	Pond	Hill	-	-	8.9	-	-	-	-	-	8.6	7.81	-	7.8	-	-	8.2	38	-	36	19	0.95	-	-	32	-	-	-	-
Pond 3	C	9-May-22	Pond	Hill	*0.0001*	-	8.7	0.28	-	0.0025	-	-	8.5	7.7	-	7.9	-	-	7.7	39	123	5	17.4	1.69	-	-	6	-	0.0014	0.0023	-
Pond 3	B	23-May-22	Pond	Hill	-	-	9.9	-	-	-	-	-	8.6	7.99	-	8	-	-	7.6	39	-	7	16	1.04	-	-	6	-	-	-	-
Pond 3	B	8-Jun-22	Pond	Hill	-	-	9.3	-	-	-	-	-	8.7	8	-	7.9	-	-	7.9	37	-	6	15.7	0.71	-	-	8.7	-	-	-	-
Pond 3	B	22-Jun-22	Pond	Hill	-	-	10.2	-	-	-	-	-	8.7	7.6	-	7.9	-	-	9.1	35	-	*3*	13	0.7	-	-	4	-	-	-	-
Pond 3	B	5-Jul-22	Pond	Hill	-	-	10.4	-	-	-	-	-	8.7	7.58	-	7.9	-	-	8	33	-	5	12.6	1.16	-	-	4	-	-	-	-
Pond 3	B	19-Jul-22	Pond	Hill	-	-	7.2	-	-	-	-	-	8.6	7.76	-	7.8	-	-	5.4	22	-	11	12.8	0.65	-	-	29	-	-	-	-
Pond 3	H	1-Aug-22	Pond	Hill	*0.0001*	-	6.9	0.0010	-	0.0019	-	-	10.4	8.2	-	7.9	-	-	4.9	22	68	14	14	0.86	-	-	23	-	0.0013	0.0045	-
Pond 3	B	15-Aug-22	Discharge	Hill	-	-	5.9	-	-	-	-	-	10.37	8.4	-	8.1	-	-	4.3	18	-	16	13.2	0.55	-	-	17	-	-	-	-
Pond 3	B	29-Aug-22	Discharge	Hill	-	-	5.9	-	-	-	-	-	9.55	8.18	-	7.9	-	-	4.4	21	-	14	16.5	1.85	-	-	5	-	-	-	-
Pond 3	B	12-Sep-22	Discharge	Hill 3075387.3	-	-	6.4	-	-	-	-	-	11.28	8	-	8.1	-	-	4.6	25	-	5	17.5	0.82	-	-	9	-	-	-	-
Pond 3	B	12-Sep-22	Discharge	Hill 3085123.3	-	-	7.2	-	-	-	-	-	11.3	7.96	-	7.9	-	-	4.8	28	-	5	17.1	0.88	-	-	3	-	-	-	-
Pond 3	B	10-Oct-22	Discharge	Hill 3095159.3	-	-	6.8	-	-	-	-	-	11.3	7.96	-	7.8	-	-	4.4	26	-	*3*	17.4	0.44	-	-	5	-	-	-	-
Pond 3	B	25-Oct-22	Pond	Hill 3104306.3	-	-	7.2	-	-	-	-	-	11.24	8.24	-	7.9	-	-	4.1	28	-	*3*	20	0.56	-	-	3	-	-	-	-
Pond 3	C	8-Nov-22	Pond	Hill 3113136.2	*0.00010*	-	7.1	*0.0005*	-	0.0017	-	-	11.4	8.42	-	8.3	-	-	3.7	26	65	*3*	22	0.52	-	-	3	-	*0.0010*	0.0021	-
Pond 3	B	22-Nov-22	Discharge	Hill 3122370.3	-	-	6	-	-	-	-	-	11.3	8.3	-	8.4	-	-	5.6	19.2	-	3	21.8	0.49	-	-	3	-	-	-	-
Pond 3	B	6-Dec-22	Pond	Hill 3132692.3	-	-	6.1	-	-	-	-	-	11.6	8.2	-	8.3	-	-	5.8	19	-	7	23	0.52	-	-	8	-	-	-	-
Pond 3	B	22-Dec-22	Discharge	Hill 3143778.3	-	-	6.5	-	-	-	-	-	11.5	8.3	-	8.3	-	-	5.7	21	-	6	26	0.7	-	-	10	-	-	-	-
Pond 3	B	9-Jan-23	Discharge	Hill 3149230.3	-	-	6.9	-	-	-	-	-	10.6	7.88	-	8	-	-	5.3	21	-	5	24.5	0.63	-	-	5	-	-	-	-
Pond 3	B	23-Jan-23	Pond	Hill 3159105.3	-	-	7.5	-	-	-	-	-	6.71	8.03	-	8	-	-	5.3	24	-	5	27.6	0.92	-	-	4	-	-	-	-
Pond 3	H	7-Feb-23	Discharge	Hill 3168184.3	*0.00010*	-	3.8	0.0021	-	0.0020	-	-	9.72	8.31	-	8.3	-	-	5.1	11.5	26	8	23	0.46	-	-	13	-	0.0012	0.0041	-
Pond 3	B	22-Feb-23	Pond	Hill 3182080.3	-	-	3.8	-	-	-	-	-	8.01	7.759	-	8	-	-	4.3	11.4	-	11	21.7	0.33	-	-	11	-	-	-	-
Pond 3	B	6-Mar-23	Pond	Hill 3196731.3	-	-	3	-	-	-	-	-	9.16	7.81	-	8	-	-	3.4	8.1	-	16	22	0.39	-	-	33	-	-	-	-
Pond 3	B	21-Mar-23	Pond	Hill 3212032.3	-	-	3.3	-	-	-	-	-	9.6	8	-	7.9	-	-	3.8	9.4	-	*3*	21.4	0.44	-	-	4	-	-	-	-
Pond 3	B	7-Apr-23	Pond	Hill 3233901.3	-	-	3.5	-	-	-	-	-	9.5	7.8	-	7.9	-	-	3.5	9.2	-	23	19.5	0.46	-	-	23	-	-	-	-
Pond 3	B	21-Apr-23	Pond	Hill 3252438.3	-	-	4	-	-	-	-	-	9.9	8.28	-	7.8	-	-	4	11.4	-	34	20.4	0.56	-	-	29	-	-	-	-
Pond 3	C	12-May-23	Pond	Hill 3275086.6	*0.00010*	-	4.4	0.0220	-	0.0016	-	-	9.45	8.15	-	7.8	-	-	5.2	13.1	34	21	15.5	0.69	-	-	33	-	0.0053	0.0132	-
Pond 3	B	30-May-23	Pond	Hill 3290923.3	-	-	5.5	-	-	-	-	-	14.7	8.38	-	8.2	-	-	5.1	16.4	-	7	17	1.1	-	-	5	-	-	-	-
Pond 3	B	15-Jun-23	Pond	Hill 3302102.3	-	-	6.2	-	-	-	-	-	9.41	7.87	-	8	-	-	5.2	19.7	-	*3*	13	0.49	-	-	1.72	-	-	-	-
Pond 3	B	16-Jun-23	Pond	Hill 3307617.3	-	-	6.3	-	-	-	-	-	9.64	7.9	-	7.9	-	-	4.9	19	-	*3*	12.2	0.64	-	-	2.69	-	-	-	-
Pond 3	B	4-Jul-23	Pond	Hill 3315701.3	-	-	6.4	-	-	-	-	-	9.33	7.78	-	7.8	-	-	4.2	18.5	-	9	12.3	0.59	-	-	13.2	-	-	-	-
Pond 3	B	20-Jul-23	Pond	Hill 3326110.3	-	-	7.2	-	-	-	-	-	9.47	8.16	-	8.3	-	-	4.1	21	-	*3*	13.3	0.5	-	-	4.35	-	-	-	-
Pond 3	B	10-Aug-23	Pond	Hill 3340739.3	-	-	5.3	-	-	-	-	-	9.52	8	-	8	-	-	3.6	16.1	-	4	12	0.47	-	-	8.5	-	-	-	-
Pond 3	B	18-Aug-23	Pond	Hill 3345212.3	-	-	7.2	-	-	-	-	-	10.1	8.28	-	8.1	-	-	3.9	20	-	5	11.9	0.45	-	-	10.1	-	-	-	-
Pond 3	B	7-Sep-23	Pond	Hill 3360107.3	-	-	7.6	-	-	-	-	-	10.4	8.22	-	8.1	-	-	4.2	21	-	*3*	16.1	0.6	-	-	6.05	-	-	-	-
Pond 3	B	13-Sep-23	Pond	Hill 3363106.3	-	-	7.7	-	-	-	-	-	9.1	7.9	-	8.1	-	-	4.2	25	-	*3*	16.6	0.66	-	-	4.6	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 3	B	6-Oct-23	Pond	Hill 3381015.4	-	-	5.5	-	-	-	-	-	9.2	8.21	-	8.2	-	-	2.9	12.5	-	*3*	17.5	0.51	-	-	2.41	-	-	-	-
Pond 3	B	12-Oct-23	Pond	Hills 3383860.3	-	-	7.3	-	-	-	-	-	9.7	8.06	-	8.2	-	-	4	25	-	*3*	17.3	0.58	-	-	1.71	-	-	-	-
Pond 3	B	3-Nov-23	Pond	Hills 3399556.3	-	-	8.5	-	-	-	-	-	8.96	7.93	-	8.1	-	-	4.5	31	-	5	18.7	0.76	-	-	5.21	-	-	-	-
Pond 3	H	8-Nov-23	Pond	Hills 3403609.3	*0.0001*	-	7.7	0.0008	-	0.0023	-	-	8.73	8.2	-	8.1	-	-	4	27	70	*3*	19.4	0.62	-	-	2.22	-	0.0014	0.0042	-
Pond 3	B	24-Nov-23	Pond	Hills 3414745.3	-	-	8	-	-	-	-	-	8.5	8.24	-	8.2	-	-	4.1	27	-	*3*	23.1	0.59	-	-	0.65	-	-	-	-
Pond 3	C	22-Nov-23	Pond	Hills 3412758.3	*0.00010*	-	7.8	0.0006	-	0.002	-	-	8.73	8.1	-	8.2	-	-	4	26	-	*3*	23.4	0.59	-	-	1.43	-	0.005	0.0086	-
Pond 3	B	8-Dec-23	Pond	Hills 3424896.3	-	-	8.4	-	-	-	-	-	8.8	8.23	-	8.1	-	-	4.4	27	-	*3*	22.5	0.55	-	-	1.75	-	-	-	-
Pond 3	B	20-Dec-23	Pond	Hills 3434878.3	-	-	8.6	-	-	-	-	-	8..98	8.17	-	8.2	-	-	4.6	30	-	*3*	23.2	0.74	-	-	2.34	-	-	-	-
Pond 3	B	8-Jan-24	Pond	Hills 3440416.3	-	-	7.6	-	-	-	-	-	8	8.05	-	8.2	-	-	5.1	26	-	*3*	23.8	0.71	-	-	1.55	-	-	-	-
Pond 3	B	30-Jan-24	Pond	Hills 3447519.3	-	-	7.3	-	-	-	-	-	7.55	7.85	-	7.9	-	-	5.9	26	-	14	26.8	0.83	-	-	4.43	-	-	-	-
Pond 3	H	5-Feb-24	Pond	Hills 3459798.3	*0.0001*	-	7.3	0.0019	-	0.0011	-	-	9.56	7.86	-	7.9	-	-	6.5	27	60	8	22.2	0.99	-	-	1.45	-	*0.001*	0.022	-
Pond 3	B	15-Feb-24	Pond	Hills 3468936.3	-	-	7.7	-	-	-	-	-	8.84	7.9	-	7.9	-	-	7	28	-	8	25.5	1.17	-	-	2.13	-	-	-	-
Pond 3	B	29-Feb-24	Pond	Hills 3482686.3	-	-	8.5	-	-	-	-	-	7.42	8	-	7.9	-	-	7.2	29	-	11	22.4	1.58	-	-	7.74	-	-	-	-
Pond 3	B	13-Mar-24	Pond	Hills 3499045.3	-	-	8.3	-	-	-	-	-	8.27	8	-	7.9	-	-	7.7	33	-	16	21.7	3.2	-	-	6.16	-	-	-	-
Pond 3	B	27-Mar-24	Pond	Hills 3522038.3	-	-	8.4	-	-	-	-	-	8.15	7.53	-	7.6	-	-	7.5	32	-	95	19.8	3.3	-	-	7.2	-	-	-	-
Pond 3	B	12-Apr-24	Pond	Hills 3541327.3	-	-	9.3	-	-	-	-	-	9.17	7.91	-	7.6	-	-	7	36	-	9	19.72	2.3	-	-	13.1	-	-	-	-
Pond 3	B	24-Apr-24	Pond	Hills 3559570.3	-	-	9.3	-	-	-	-	-	9.07	7.83	-	8.1	-	-	6.6	33	-	20	18.3	1.36	-	-	9.07	-	-	-	-
Pond 3	B	9-May-24	Pond	Hills 3577819.3	-	-	10.3	-	-	-	-	-	9.3	8.86	-	8	-	-	5.9	37	-	7	13.7	0.72	-	-	3.19	-	-	-	-
Pond 3	**C**	27-May-24	Pond	Hills 3593002.3	*0.00010*	-	10.8	0.0008	-	0.0025	-	-	8.87	7.93	-	8	-	-	6.6	36	149	9	14.5	0.74	-	-	9.2	-	0.0039	0.0091	-
Pond 3	**B**	11-Jun-24	Pond	Hills 3604225.3	-	-	10.4	-	-	-	-	-	9.1	8	-	7.49	-	-	7.7	35	-	9	15.3	0.98	-	-	5.29	-	-	-	-
Pond 3	**B**	24-Jun-24	Pond	Hills 3614230.3	-	-	8.5	-	-	-	-	-	9.34	7.93	-	7.8	-	-	7.8	26	-	8	18.2	0.71	-	-	11	-	-	-	-
Pond 3	**B**	18-Jul-24	Pond	Hills 3632050.3	-	-	9.2	-	-	-	-	-	9.46	7.63	-	7.6	-	-	7.5	34	-	*3*	12.2	0.81	-	-	5.29	-	-	-	-
Pond 3	**H**	2-Aug-24	Pond	Hills 3641802.3	*0.00010*	-	8.1	0.089	-	0.0029	-	-	9.68	7.39	-	7.7	-	-	6.6	27	93	3	13	0.58	-	-	7.8	-	0.007	0.0175	-
Pond 3	**B**	16-Aug-24	Pond	Hills 3651692.3	-	-	8.4	-	-	-	-	-	9.48	7.83	-	8.1	-	-	6.3	28	-	6	14.1	0.51	-	-	3.45	-	-	-	-
Pond 3	**B**	29-Aug-24	Pond	Hills 3660407.3	-	-	10	-	-	-	-	-	9.23	7.92	-	8.1	-	-	6.3	32	-	3	15.8	0.51	-	-	4.62	-	-	-	-
Pond 3	**B**	12-Sep-24	Pond	Hills 3671006.3	-	-	9.5	-	-	-	-	-	9.04	7.79	-	8.2	-	-	5.3	31	-	3	14.1	0.49	-	-	2.58	-	-	-	-
Pond 3	**B**	26-Sep-24	Pond	Hills 3681023.3	-	-	8.7	-	-	-	-	-	9.61	8.02	-	8.1	-	-	5.2	29	-	4	15.6	0.53	-	-	1.72	-	-	-	-
Pond 3	**B**	10-Oct-24	Pond	Hills 3691499.3	-	-	9.4	-	-	-	-	-	9.72	8.31	-	8.3	-	-	4.9	31	-	3	19.9	0.73	-	-	2.95	-	-	-	-
Pond 4	B	24-Jun-09	discharge	Hills	-	-	-	-	-	-	-	-	11.44	8.06	-	8	-	-	-	-	-	17	7.9	-	-	-	26	-	-	-	-
Pond 4	B	8-Jul-09	discharge	Hills	-	-	-	-	-	-	-	-	10.5	7.78	-	8	-	-	-	-	-	40	11.3	-	-	-	45	-	-	-	-
Pond 4	B	22-Jul-09	discharge	Hills	-	-	-	-	-	-	-	-	10.86	8.04	-	8.1	-	-	-	-	-	34	12.6	-	-	-	53	-	-	-	-
Pond 4	C	5-Aug-09	discharge	Hills	< 0.00010	-	11	< 0.00050	-	0.0074	0.05	-	10.83	7.99	-	8.3	-	0.018	3.6	27	160	13	11.6	-	-	-	19	-	0.0017	0.0039	-
Pond 4	B	18-Aug-09	discharge	Hills	-	-	-	-	-	-	-	-	9.94	7.96	-	8	-	-	-	-	-	21	13.8	-	-	-	35	-	-	-	-
Pond 4	B	2-Sep-09	discharge	Hills	-	-	-	-	-	-	-	-	9.57	7.63	-	7.8	-	-	-	-	-	15	13.6	-	-	-	17	-	-	-	-
Pond 4	B	15-Sep-09	pond	Hills	-	-	-	-	-	-	-	-	18.2	8.9	-	8.6	-	-	-	-	-	6.1	17.4	-	-	-	13	-	-	-	-
Pond 4	C	30-Sep-09	pond	Hills	< 0.00010	-	7.9	0.0028	-	0.0045	< 0.050	-	8.52	7.68	-	7.9	-	0.08	3.8	17	110	170	14.3	-	-	-	185	-	0.0021	0.029	-
Pond 4	B	14-Oct-09	discharge	Hills	-	-	-	-	-	-	-	-	12.56	8.34	-	8.2	-	-	-	-	-	3.1	16.1	-	-	-	5	-	-	-	-
Pond 4	B	28-Oct-09	discharge	Hills	-	-	-	-	-	-	-	-	11.66	8.7	-	8.4	-	-	-	-	-	< 3.0	15.7	-	-	-	5	-	-	-	-
Pond 4	B	10-Nov-09	weir	Hills	-	-	-	-	-	-	-	-	4.02	7.46	-	7.6	-	-	-	-	-	84	15.6	-	-	-	85	-	-	-	-
Pond 4	B	25-Nov-09	pond	Hills	-	-	-	-	-	-	-	-	5.3	7.59	-	7.6	-	-	-	-	-	77	17.6	-	-	-	100	-	-	-	-
Pond 4	C	2-Dec-09	pond	Hills	< 0.00010	-	16	0.32	-	0.013	< 0.050	-	2.04	7.19	-	7.4	-	0.0078	18	54	87	45	21.5	-	-	-	57	-	< 0.0010	0.0063	-
Pond 4	B	16-Dec-09	pond	Hills	-	-	-	-	-	-	-	-	5.6	7.73	-	7.8	-	-	-	-	-	35	18.3	-	-	-	87	-	-	-	-
Pond 4	B	8-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	-	8.25	-	7.9	-	-	-	-	-	110	23.3	-	-	-	159	-	-	-	-
Pond 4	B	20-Jan-10	pond	Hills	-	-	-	-	-	-	-	-	8.04	7.94	-	7.9	-	-	-	-	-	57	24.2	-	-	-	49	-	-	-	-
Pond 4	C	3-Feb-10	pond	Hills	< 0.00010	-	9.6	0.00096	-	0.0041	0.11	-	12.24	8.36	-	8.2	-	0.045	7.9	33	170	34	24	-	-	-	59	-	< 0.0010	0.0049	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	B	17-Feb-10	pond	Hills	-	-	-	-	-	-	-	-	7.8	8.59	-	8.4	-	-	-	-	-	17	23.6	-	-	-	25	-	-	-	-
Pond 4	B	3-Mar-10	pond	Hills	-	-	-	-	-	-	-	-	8.52	8.46	-	8.3	-	-	-	-	-	21	22.8	-	-	-	21	-	-	-	-
Pond 4	B	26-May-10	pond	Hills	-	-	-	-	-	-	-	-	8.8	7.59	-	7.7	-	-	-	-	-	57	14.5	-	-	-	60	-	-	-	-
Pond 4	C	9-Jun-10	discharge	Hills	< 0.00010	-	12	0.0098	-	0.0057	0.11	-	9.55	7.83	-	7.8	-	-	5.2	30	199	26	13.4	-	-	-	31	-	0.0051	0.0097	-
Pond 4	B	23-Jun-10	discharge	Hills	-	-	-	-	-	-	-	-	10.04	8	-	7.8	-	-	-	-	-	7	12.7	-	-	-	12	-	-	-	-
Pond 4	B	7-Jul-10	discharge	Hills	-	-	-	-	-	-	-	-	9.62	8.11	-	8	-	-	-	-	-	5	11.8	-	-	-	60	-	-	-	-
Pond 4	B	21-Jul-10	discharge	Hills	-	-	-	-	-	-	-	-	11.65	8.06	-	8.1	-	-	-	-	-	14	11	-	-	-	19	-	-	-	-
Pond 4	C	4-Aug-10	discharge	Hills	< 0.00010	-	10.7	0.0015	-	0.0056	-	-	9.8	7.66	-	8	-	-	4	27	153	43	13.8	-	-	-	52	-	0.0049	0.0143	-
Pond 4	B	18-Aug-10	discharge	Hills	-	-	-	-	-	-	-	-	9.72	8.05	-	8	-	-	-	-	-	18	14	-	-	-	25	-	-	-	-
Pond 4	B	1-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	9.9	8.47	-	8	-	-	-	-	-	17	13.5	-	-	-	25	-	-	-	-
Pond 4	B	14-Sep-10	discharge	Hills	-	-	-	-	-	-	-	-	9.98	8.08	-	8	-	-	-	-	-	8	15	-	-	-	15	-	-	-	-
Pond 4	C	27-Sep-10	discharge	Hills	< 0.00010	-	11.3	< 0.0005	-	0.0064	-	-	10.22	8.36	-	8.4	-	-	3.5	25	166	12	17.5	-	-	-	13	-	0.0026	0.0044	-
Pond 4	B	13-Oct-10	discharge	Hills	-	-	-	-	-	-	-	-	10.56	8.68	-	8.5	-	-	-	-	-	10	13.4	-	-	-	13	-	-	-	-
Pond 4	B	27-Oct-10	pond	Hills	-	-	-	-	-	-	-	-	11.54	9.68	-	9.5	-	-	-	-	-	8	21.9	-	-	-	11	-	-	-	-
Pond 4	B	10-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	11.45	9.33	-	9.1	-	-	-	-	-	17	21.5	-	-	-	20	-	-	-	-
Pond 4	B	24-Nov-10	pond	Hills	-	-	-	-	-	-	-	-	10.31	8.82	-	8.7	-	-	-	-	-	4	20.6	-	-	-	4	-	-	-	-
Pond 4	C	1-Dec-10	pond	Hills	< 0.00010	-	11.1	< 0.0005	-	0.0033	-	-	10.19	9.16	-	9.1	-	-	3.3	36	200	< 3	24.2	-	-	-	2	-	< 0.0010	0.0015	-
Pond 4	B	15-Dec-10	pond	Hills	-	-	-	-	-	-	-	-	9.72	9.58	-	9.3	-	-	-	-	-	< 3	25.8	-	-	-	2	-	-	-	-
Pond 4	B	5-Jan-11	discharge	Hills	-	-	-	-	-	-	-	-	7.46	7.75	-	7.9	-	-	-	-	-	< 5	22.8	-	-	-	1	-	-	-	-
Pond 4	B	19-Jan-11	pond	Hills	-	-	-	-	-	-	-	-	8.78	7.58	-	7.9	-	-	-	-	-	< 3	25.2	-	-	-	2	-	-	-	-
Pond 4	C	2-Feb-11	discharge	Hills	< 0.00010	-	11.3	0.0078	-	0.0095	-	-	10.18	7.77	-	8	-	-	5.5	26	182	5	23.8	-	-	-	8	-	0.006	0.0089	-
Pond 4	B	16-Feb-11	discharge	Hills	-	-	-	-	-	-	-	-	6.5	7.68	-	7.8	-	-	-	-	-	< 3	24.9	-	-	-	2	-	-	-	-
Pond 4	B	2-Mar-11	de-silting	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	30-Mar-11	discharge	Hills	< 0.00010	-	6.9	< 0.0005	-	0.0033	-	-	8.02	7.9	-	7.9	-	-	4.6	22	162	5	20	-	-	-	8	-	0.0018	0.0038	-
Pond 4	B	13-Apr-11	discharge	Hills	-	-	-	-	-	-	-	-	9.95	8.22	-	8.1	-	-	-	-	-	7	18.8	-	-	-	7	-	-	-	-
Pond 4	B	28-Apr-11	discharge	Hills	-	-	-	-	-	-	-	-	-	7.65	-	8	-	-	-	-	-	11	17.3	-	-	-	11	-	-	-	-
Pond 4	B	11-May-11	discharge	Hills	-	-	-	-	-	-	-	-	9.56	7.85	-	8	-	-	-	-	-	7	16.6	-	-	-	9	-	-	-	-
Pond 4	B	25-May-11	discharge	Hills	-	-	-	-	-	-	-	-	10.82	8.14	-	8.1	-	-	-	-	-	< 3	14.4	-	-	-	3	-	-	-	-
Pond 4	C	8-Jun-11	discharge	Hills	< 0.00010	-	17	0.0097	-	0.0081	-	-	9.96	7.94	-	8.3	-	-	5.9	33	220	9	14.4	-	-	-	10	-	0.0027	0.0105	-
Pond 4	B	22-Jun-11	discharge	Hills	-	-	-	-	-	-	-	-	9.54	7.84	-	8	-	-	-	-	-	14	14.3	-	-	-	17	-	-	-	-
Pond 4	B	6-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	11.06	8.29	-	8	-	-	-	-	-	6	11.2	-	-	-	12	-	-	-	-
Pond 4	B	20-Jul-11	discharge	Hills	-	-	-	-	-	-	-	-	11.5	8.23	-	8.2	-	-	-	-	-	18	11.2	-	-	-	18	-	-	-	-
Pond 4	C	3-Aug-11	discharge	Hills	< 0.00010	-	9.8	0.0035	-	0.0069	-	-	10.96	8.35	-	8.2	-	-	3.8	22	119	13	11.4	-	-	-	16	-	0.0032	0.0066	-
Pond 4	B	17-Aug-11	discharge	Hills	-	-	-	-	-	-	-	-	11.15	8.32	-	8.2	-	-	-	-	-	11	11.6	-	-	-	15	-	-	-	-
Pond 4	B	31-Aug-11	discharge	Hills	-	-	-	-	-	-	-	-	11.7	8.68	-	8.4	-	-	-	-	-	< 3	15.9	-	-	-	-	-	-	-	-
Pond 4	B	14-Sep-11	discharge	Hills	-	-	-	-	-	-	-	-	10.07	8.5	-	8.2	-	-	-	-	-	24	13.6	-	-	-	12	-	-	-	-
Pond 4	C	28-Sep-11	discharge	Hills	0.00026	-	13.2	0.0011	-	0.0053	-	-	10.84	8.51	-	8.4	-	-	4.2	34	183	< 3	16	-	-	-	5	-	0.0054	0.0031	-
Pond 4	B	12-Oct-11	discharge	Hills	-	-	-	-	-	-	-	-	9.15	8.31	-	8.1	-	-	-	-	-	4	18	-	-	-	4	-	-	-	-
Pond 4	B	26-Oct-11	discharge	Hills	-	-	-	-	-	-	-	-	9.22	8.42	-	8.2	-	-	-	-	-	< 3	20	-	-	-	4	-	-	-	-
Pond 4	B	9-Nov-11	discharge	Hills	-	-	-	-	-	-	-	-	8.59	8.25	-	8.2	-	-	-	-	-	4	19.9	-	-	-	3	-	-	-	-
Pond 4	B	22-Nov-11	discharge	Hills	-	-	-	-	-	-	-	-	8.96	8.34	-	8.3	-	-	-	-	-	< 3	20.4	-	-	-	3	-	-	-	-
Pond 4	C	30-Nov-11	discharge	Hills	< 0.00010	-	14.4	< 0.0005	-	0.0036	-	-	8.88	8.51	-	8.3	-	-	4.4	34	220	4	20.6	-	-	-	3	-	0.0053	0.0064	-
Pond 4	B	14-Dec-11	discharge	Hills	-	-	-	-	-	-	-	-	8.82	8.68	-	8.5	-	-	-	-	-	< 3	20.1	-	-	-	3	-	-	-	-
Pond 4	B	9-Jan-12	discharge	Hills	-	-	-	-	-	-	-	-	8.91	8.33	-	8.1	-	-	-	-	-	4	22.2	-	-	-	2	-	-	-	-
Pond 4	B	18-Jan-12	discharge	Hills	-	-	-	-	-	-	-	-	8.88	8.18	-	8.1	-	-	-	-	-	< 3	23.1	-	-	-	1	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	C	1-Feb-12	discharge	Hills	< 0.00010	-	15.8	< 0.0005	-	0.0035	-	-	13.23	8.46	-	8.6	-	-	5.7	37	290	< 3	24.2	-	-	-	2	-	0.0019	0.0019	-
Pond 4	B	15-Feb-12	discharge	Hills	-	-	-	-	-	-	-	-	7.8	7.99	-	7.9	-	-	-	-	-	51	22.2	-	-	-	42	-	-	-	-
Pond 4	B	29-Feb-12	discharge	Hills	-	-	-	-	-	-	-	-	7.24	7.92	-	7.6	-	-	-	-	-	< 3	21.9	-	-	-	2	-	-	-	-
Pond 4	B	14-Mar-12	discharge	Hills	-	-	-	-	-	-	-	-	8.27	8.01	-	7.4	-	-	-	-	-	< 3	21.4	-	-	-	4	-	-	-	-
Pond 4	C	28-Mar-12	discharge	Hills	< 0.00010	-	9.5	< 0.0005	-	0.0043	-	-	7.74	7.88	-	8	-	-	5.3	28	146	7	19.3	-	-	-	8	-	0.001	0.0029	-
Pond 4	B	11-Apr-12	discharge	Hills	-	-	-	-	-	-	-	-	6.96	8.02	-	8.1	-	-	-	-	-	< 3	18.8	-	-	-	2	-	-	-	-
Pond 4	B	23-Apr-12	discharge	Hills	-	-	-	-	-	-	-	-	9.8	8.08	-	8	-	-	-	-	-	3	17.8	-	-	-	3	-	-	-	-
Pond 4	B	9-May-12	discharge	Hills	-	-	-	-	-	-	-	-	9.84	8.1	-	8.1	-	-	-	-	-	3	17.8	-	-	-	5	-	-	-	-
Pond 4	B	23-May-12	discharge	Hills	-	-	-	-	-	-	-	-	10.6	8.1	-	8.1	-	-	-	-	-	< 3	12.6	-	-	-	3	-	-	-	-
Pond 4	C	6-Jun-12	discharge	Hills	< 0.00010	-	11.3	0.0005	-	0.0023	-	-	10.4	8.24	-	8.4	-	-	4.3	28	183	< 3	13.5	-	-	-	1	-	0.0027	0.0031	-
Pond 4	B	20-Jun-12	discharge	Hills	-	-	-	-	-	-	-	-	12.35	8.51	-	8.3	-	-	-	-	-	< 3	9.9	-	-	-	2	-	-	-	-
Pond 4	B	4-Jul-12	discharge	Hills	-	-	-	-	-	-	-	-	10.73	7.97	-	8	-	-	-	-	-	47	11.3	-	-	-	53	-	-	-	-
Pond 4	B	18-Jul-12	discharge	Hills	-	-	-	-	-	-	-	-	10.49	8.21	-	8	-	-	-	-	-	21	11.2	-	-	-	17	-	-	-	-
Pond 4	C	1-Aug-12	discharge	Hills	< 0.00010	-	7.5	0.0051	-	0.0043	-	-	8.55	7.88	-	7.9	-	-	4.1	19.1	99	171	11.3	-	-	-	148	-	0.0084	0.031	-
Pond 4	B	15-Aug-12	discharge	Hills	-	-	-	-	-	-	-	-	9.78	8.1	-	8	-	-	-	-	-	38	13	-	-	-	40	-	-	-	-
Pond 4	B	29-Aug-12	discharge	Hills	-	-	-	-	-	-	-	-	10.72	8.34	-	8.2	-	-	-	-	-	5	13.1	-	-	-	6	-	-	-	-
Pond 4	B	12-Sep-12	discharge	Hills	-	-	-	-	-	-	-	-	10.4	8.28	-	8.2	-	-	-	-	-	13	14.1	-	-	-	14	-	-	-	-
Pond 4	C	26-Sep-12	discharge	Hills	0.0001	-	7.4	< 0.0005	-	0.0042	-	-	11.25	8.69	-	8.3	-	-	3.3	19.6	111	6	15.7	-	-	-	6	-	< 0.0010	0.0022	-
Pond 4	B	10-Oct-12	discharge	Hills	-	-	-	-	-	-	-	-	9.98	8.42	-	8.1	-	-	-	-	-	3	16.7	-	-	-	4	-	-	-	-
Pond 4	B	24-Oct-12	discharge	Hills	-	-	-	-	-	-	-	-	10.01	8.6	-	8.2	-	-	-	-	-	3	14.7	-	-	-	2	-	-	-	-
Pond 4	B	7-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	11.25	8.85	-	8.8	-	-	-	-	-	5	19	-	-	-	4	-	-	-	-
Pond 4	B	21-Nov-12	pond	Hills	-	-	-	-	-	-	-	-	11.35	9.65	-	9.1	-	-	-	-	-	4	20	-	-	-	4	-	-	-	-
Pond 4	C	5-Dec-12	pond	Hills	0.0001	-	5.9	0.0005	-	0.0022	-	-	10.74	9.88	-	9.2	-	-	2.6	25	127	3	21.5	-	-	-	4	-	0.001	0.0021	-
Pond 4	B	19-Dec-12	discharge	Hills	-	-	-	-	-	-	-	-	9.15	8.89	-	8.2	-	-	-	-	-	3	23	-	-	-	3	-	-	-	-
Pond 4	B	9-Jan-13	discharge	Hills	-	-	-	-	-	-	-	-	8.15	9.43	-	8.9	-	-	-	-	-	3	20	-	-	-	3	-	-	-	-
Pond 4	C	23-Jan-13	discharge	Hills	0.0001	-	7.1	0.0007	-	0.0026	-	-	7.35	9.34	-	8.9	-	-	3.3	25	150	3	20.5	-	-	-	1	-	0.005	0.0183	-
Pond 4	B	5-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	8.35	9.44	-	8.9	-	-	-	-	-	3	23.8	-	-	-	5	-	-	-	-
Pond 4	B	20-Feb-13	pond	Hills	-	-	-	-	-	-	-	-	9.02	9.52	-	9	-	-	-	-	-	3	25	-	-	-	3	-	-	-	-
Pond 4	B	6-Mar-13	pond	Hills	-	-	-	-	-	-	-	-	9.49	9.67	-	9	-	-	-	-	-	3	23.5	-	-	-	1	-	-	-	-
Pond 4	C	20-Mar-13	discharge	Hills	0.0001	-	11.9	0.035	-	0.0051	-	-	5.62	7.98	-	7.8	-	-	5.9	38	173	52	20.2	-	-	-	40	-	0.001	0.006	-
Pond 4	B	3-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	2.01	7.63	-	7.7	-	-	-	-	-	45	19.8	-	-	-	42	-	-	-	-
Pond 4	B	17-Apr-13	pond	Hills	-	-	-	-	-	-	-	-	8.85	8.44	-	8.1	-	-	-	-	-	106	19	-	-	-	87	-	-	-	-
Pond 4	B	1-May-13	pond	Hills	-	-	-	-	-	-	-	-	9.2	8.26	-	8	-	-	-	-	-	10	19.1	-	-	-	8	-	-	-	-
Pond 4	B	15-May-13	discharge	Hills	-	-	-	-	-	-	-	-	9.84	8.14	-	7.8	-	-	-	-	-	15	13.5	-	-	-	13	-	-	-	-
Pond 4	C	29-May-13	discharge	Hills	0.0001	-	14.4	0.02	-	0.0093	-	-	10.02	8.07	-	7.9	-	-	7.3	46	240	8	11.7	-	-	-	9	-	0.004	0.0052	-
Pond 4	B	12-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	9.9	8.05	-	7.9	-	-	-	-	-	27	13.3	-	-	-	29	-	-	-	-
Pond 4	B	26-Jun-13	discharge	Hills	-	-	-	-	-	-	-	-	10.35	7.98	-	7.9	-	-	-	-	-	49	10.5	-	-	-	54	-	-	-	-
Pond 4	B	10-Jul-13	discharge	Hills	-	-	-	-	-	-	-	-	10.74	8.02	-	8	-	-	-	-	-	28	10.2	-	-	-	21	-	-	-	-
Pond 4	C	24-Jul-13	discharge	Hills	*0.0001*	-	14.3	0.0057	-	0.0058	-	-	11.25	8.2	-	8.2	-	-	5.3	38	220	6	11.2	-	-	-	5	-	0.003	0.007	-
Pond 4	B	6-Aug-13		Hills	-	-	-	-	-	-	-	-	6.06	7.67	-	7.9	-	-	-	-	-	*3*	13.4	-	-	-	3	-	-	-	-
Pond 4	B	20-Aug-13	discharge	Hills	-	-	-	-	-	-	-	-	9.83	8.05	-	8	-	-	-	-	-	63	14.2	-	-	-	56	-	-	-	-
Pond 4	B	3-Sep-13	discharge	Hills	-	-	-	-	-	-	-	-	10.03	8.18	-	8	-	-	-	-	-	7	14.7	-	-	-	-	-	-	-	-
Pond 4	C	18-Sep-13	discharge	Hills	*0.0001*	-	10.1	0.0187	-	0.0059	-	-	9.09	8.01	-	8	-	-	4.1	29	145	27	14.4	-	-	-	30	-	0.015	0.031	-
Pond 4	B	2-Oct-13	discharge	Hills	-	-	-	-	-	-	-	-	14.24	8.15	-	8.1	-	-	-	-	-	14	17.5	-	-	-	-	-	-	-	-
Pond 4	B	16-Oct-13	discharge	Hills	-	-	-	-	-	-	-	-	9.46	8.28	-	8.2	-	-	-	-	-	9	16.1	-	-	-	-	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	B	30-Oct-13	pond	Hills	-	-	-	-	-	-	-	-	11.18	9.92	-	8.2	-	-	-	-	-	19	19.3	-	-	-	12	-	-	-	-
Pond 4	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	11.18	9.92	-	-	-	-	-	-	-	-	19.3	-	-	-	12	-	-	-	-
Pond 4	B	12-Nov-13	pond	Hills	-	-	-	-	-	-	-	-	10.08	9.12	-	8.2	-	-	-	-	-	13	20.3	-	-	-	13	-	-	-	-
Pond 4	C	26-Nov-13	pond	Hills	*0.0001*	-	10.4	*0.0005*	-	0.0039	-	-	10.84	7.9	-	8.4	-	-	3.1	31	181	10	25.5	-	-	-	9	-	*0.001*	0.0068	-
Pond 4	B	18-Dec-13	pond	Hills	-	-	-	-	-	-	-	-	9.75	8.3	-	7.01	-	-	-	-	-	10	23.8	-	-	-	10	-	-	-	-
Pond 4	B	3-Jan-14	discharge	Hills	-	-	-	-	-	-	-	-	7.39	8.94	-	8.1	-	-	-	-	-	28	22.3	-	-	-	29	-	-	-	-
Pond 4	C	14-Jan-14	discharge	Hills	*0.0001*	-	9.9	*0.0005*	-	0.0036	-	-	8.32	7.88	-	8.2	-	-	2.9	35	147	6	21.8	-	-	-	5	-	*0.001*	0.0026	-
Pond 4	B	30-Jan-14	pond	Hills	-	-	-	-	-	-	-	-	6.91	8.31	-	8.2	-	-	-	-	-	7	23.4	-	-	-	6	-	-	-	-
Pond 4	B	13-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	7.64	8.2	-	8.2	-	-	-	-	-	13	23.1	-	-	-	10	-	-	-	-
Pond 4	B	27-Feb-14	pond	Hills	-	-	-	-	-	-	-	-	9.2	8.41	-	8.1	-	-	-	-	-	8	22.1	-	-	-	7	-	-	-	-
Pond 4	C	12-Mar-14	pond	Hills	*0.0001*	-	10.4	*0.0005*	-	0.0032	-	-	10.12	9.08	-	8.3	-	-	4.3	38	154	3	22.2	-	-	-	3	-	*0.001*	*0.0011*	-
Pond 4	B	25-Mar-14	pond	Hills	-	-	-	-	-	-	-	-	8.78	8.33	-	8.2	-	-	-	-	-	4	21.5	-	-	-	6	-	-	-	-
Pond 4	B	9-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	11.02	8.24	-	8.4	-	-	-	-	-	3	21.3	-	-	-	5	-	-	-	-
Pond 4	B	28-Apr-14	pond	Hills	-	-	-	-	-	-	-	-	11.08	7.78	-	8.3	-	-	-	-	-	5	17	-	-	-	4	-	-	-	-
Pond 4	B	6-May-14	discharge	Hills	-	-	-	-	-	-	-	-	10.36	8.02	-	8.1	-	-	-	-	-	*3*	16.5	-	-	-	3	-	-	-	-
Pond 4	C	21-May-14	pond	Hills	*0.0001*	-	10.5	*0.0005*	-	0.0028	-	-	11.68	8.1	-	8.2	-	-	4.4	40	164	*3*	15.4	-	-	-	3	-	*0.001*	*0.0011*	-
Pond 4	B	5-Jun-14	pond	Hills	-	-	-	-	-	-	-	-	12.76	8.66	-	8.3	-	-	-	-	-	*3*	14.4	-	-	-	2	-	-	-	-
Pond 4	B	18-Jun-14	discharge	Hills	-	-	-	-	-	-	-	-	9.83	8.15	-	7.8	-	-	-	-	-	42	14.2	-	-	-	48	-	-	-	-
Pond 4	B	2-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	9.61	7.95	-	8	-	-	-	-	-	22	12.8	-	-	-	28	-	-	-	-
Pond 4	C	15-Jul-14	discharge	Hills	*0.0001*	-	8.1	0.0045	-	0.0047	-	-	8.72	8.02	-	8	-	-	4.6	29	117	46	12.7	-	-	-	48	-	0.002	0.0068	-
Pond 4	B	30-Jul-14	discharge	Hills	-	-	-	-	-	-	-	-	12.63	7.8	-	8.1	-	-	-	-	-	13	12.7	-	-	-	15	-	-	-	-
Pond 4	B	14-Aug-14	discharge	Hills	-	-	-	-	-	-	-	-	11.64	8	-	8.2	-	-	-	-	-	5	11.4	-	-	-	6	-	-	-	-
Pond 4	B	25-Aug-14	discharge	Hills	-	-	-	-	-	-	-	-	11.87	8.05	-	8	-	-	-	-	-	21	14.5	-	-	-	26	-	-	-	-
Pond 4	B	11-Sep-14	discharge	Hills	-	-	-	-	-	-	-	-	7.28	8.11	-	8	-	-	-	-	-	13	15.5	-	-	-	15	-	-	-	-
Pond 4	C	23-Sep-14	discharge	Hills	*0.0001*	-	7.3	0.0107	-	0.0048	-	-	10.22	8	-	8	-	-	4	27	130	31	14.4	-	-	-	10	-	0.002	0.0045	-
Pond 4	B	7-Oct-14	discharge	Hills	-	-	-	-	-	-	-	-	10.08	8.06	-	8.3	-	-	-	-	-	*3*	15.5	-	-	-	3	-	-	-	-
Pond 4	B	16-Oct-14	pond	Hills	-	-	-	-	-	-	-	-	13.2	8.6	-	8.4	-	-	-	-	-	*3*	21.1	-	-	-	2	-	-	-	-
Pond 4	B	4-Nov-14	discharge	Hills	-	-	-	-	-	-	-	-	9.65	8.25	-	8	-	-	-	-	-	*3*	17.7	-	-	-	4	-	-	-	-
Pond 4	C	19-Nov-14	discharge	Hills	*0.0001*	-	9.4	0.0019	-	0.0038	-	-	9.12	8.3	-	8.2	-	-	4.2	35	141	*3*	18.4	-	-	-	2	-	0.003	0.0036	-
Pond 4	B	1-Dec-14	pond	Hills	-	-	-	-	-	-	-	-	9.6	8.9	-	8.7	-	-	-	-	-	*3*	22.2	-	-	-	2	-	-	-	-
Pond 4	B	18-Dec-14	discharge	Hills	-	-	-	-	-	-	-	-	9.61	7.8	-	7.23	-	-	-	-	-	66	21.8	-	-	-	60	-	-	-	-
Pond 4	B	5-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	9.3	8	-	8	-	-	-	-	-	7	26.1	-	-	-	2	-	-	-	-
Pond 4	C	19-Jan-15	pond	Hills	*0.0001*	-	8.4	*0.0005*	-	0.0013	-	-	7.28	9.01	-	8.4	-	-	3.7	32	159	*3*	28.4	-	-	-	2	-	*0.001*	0.0016	-
Pond 4	B	29-Jan-15	pond	Hills	-	-	-	-	-	-	-	-	8.36	8.57	-	8.1	-	-	-	-	-	*3*	28	-	-	-	2	-	-	-	-
Pond 4	B	10-Feb-15	pond	Hills	-	-	-	-	-	-	-	-	9.11	7.3	-	7.9	-	-	-	-	-	*3*	24	-	-	-	2	-	-	-	-
Pond 4	B	24-Feb-15	pond	Hills	-	-	-	-	-	-	-	-	9.3	7.6	-	8	-	-	-	-	-	*3*	23.3	-	-	-	1	-	-	-	-
Pond 4	C	12-Mar-15	pond	Hills	*0.0001*	-	9	*0.0005*	-	0.0019	-	-	9.38	8.4	-	8.2	-	-	4.5	34	156	6	23.8	-	-	-	2	-	*0.001*	*0.0011*	-
Pond 4	B	26-Mar-15	pond	Hills	-	-	-	-	-	-	-	-	8.5	8.62	-	8.3	-	-	-	-	-	*3*	22.5	-	-	-	1	-	-	-	-
Pond 4	B	9-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	7.2	8.12	-	8.3	-	-	-	-	-	*3*	21.7	-	-	-	3	-	-	-	-
Pond 4	B	9-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	7.2	8.12	-	8.3	-	-	-	-	-	*3*	21.7	-	-	-	3	-	-	-	-
Pond 4	B	21-Apr-15	pond	Hills	-	-	-	-	-	-	-	-	9.6	8.27	-	8.1	-	-	-	-	-	*3*	20.1	-	-	-	1	-	-	-	-
Pond 4	B	6-May-15	pond	Hills	-	-	-	-	-	-	-	-	9.77	7.88	-	7.9	-	-	-	-	-	*3*	15.7	-	-	-	1	-	-	-	-
Pond 4	C	19-May-15	discharge	Hills	*0.0001*	-	10.7	0.0015	-	0.0021	-	-	9.6	7.6	-	7.8	-	-	5.4	46	157	*3*	15.1	-	-	-	2	-	0.001	0.0034	-
Pond 4	B	3-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	10.5	7.8	-	7.9	-	-	-	-	-	14	14.8	-	-	-	18	-	-	-	-
Pond 4	B	16-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	9.77	7.49	-	7.4	-	-	-	-	-	7	13.2	-	-	-	10	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	B	29-Jun-15	discharge	Hills	-	-	-	-	-	-	-	-	11.5	7.73	-	8.1	-	-	-	-	-	*3*	12.9	-	-	-	4	-	-	-	-
Pond 4	C	14-Jul-15	pond	Hills	*0.0001*	-	10.1	0.0099	-	0.0033	-	-	11.3	7.75	-	7.9	-	-	5.3	38	159	17	8.9	-	-	-	19	-	0.001	0.0041	-
Pond 4	B	30-Jul-15	discharge	Hills	-	-	-	-	-	-	-	-	9.77	7.82	-	8	-	-	-	-	-	27	14.2	-	-	-	30	-	-	-	-
Pond 4	B	12-Aug-15	discharge	Hills	-	-	-	-	-	-	-	-	9.83	7.45	-	7.7	-	-	-	-	-	7	12.1	-	-	-	23	-	-	-	-
Pond 4	B	24-Aug-15	discharge	Hills	-	-	-	-	-	-	-	-	11.08	8	-	8	-	-	-	-	-	8	13.6	-	-	-	12	-	-	-	-
Pond 4	B	8-Sep-15	discharge	Hills	-	-	-	-	-	-	-	-	6.96	7.9	-	8	-	-	-	-	-	34	14.5	-	-	-	41	-	-	-	-
Pond 4	C	22-Sep-15	discharge	Hills	*0.0001*	-	7.3	0.0015	-	0.0048	-	-	5.35	8.01	-	8.1	-	-	4.2	22	82	21	14.1	-	-	-	19	-	0.004	0.009	-
Pond 4	B	8-Oct-15	pond	Hills	-	-	-	-	-	-	-	-	11.16	8.16	-	8.2	-	-	-	-	-	6	19.3	-	-	-	4	-	-	-	-
Pond 4	B	21-Oct-15	pond	Hills	-	-	-	-	-	-	-	-	8.49	8.23	-	8.4	-	-	-	-	-	*3*	18.1	-	-	-	2	-	-	-	-
Pond 4	B	4-Nov-15	pond	Hills	-	-	-	-	-	-	-	-	9.71	8.51	-	8.4	-	-	-	-	-	3	20.8	-	-	-	3	-	-	-	-
Pond 4	C	17-Nov-15	pond	Hills	*0.0001*	-	8	*0.0005*	-	0.0038	-	-	8.11	8.33	-	8.2	-	-	3.6	27	97	240	21.1	-	-	-	12	-	*0.001*	0.0058	-
Pond 4	B	30-Nov-15	pond	Hills	-	-	-	-	-	-	-	-	5.51	8.08	-	8.1	-	-	-	-	-	19	20.3	-	-	-	16	-	-	-	-
Pond 4	B	15-Dec-15	pond	Hills	-	-	-	-	-	-	-	-	9.13	8.78	-	8.6	-	-	-	-	-	*3*	22.7	-	-	-	5	-	-	-	-
Pond 4	B	5-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	4.41	8.21	-	8.1	-	-	-	-	-	10	23.2	-	-	-	9	-	-	-	-
Pond 4	C	12-Jan-16	pond	Hills	*0.0001*	-	8.4	0.0005	-	0.0053	-	-	6.67	8.04	-	8.1	-	-	4.5	34	120	22	24.5	-	-	-	27	-	0.002	0.0045	-
Pond 4	B	27-Jan-16	pond	Hills	-	-	-	-	-	-	-	-	5.15	7.78	-	7.9	-	-	-	-	-	3	25.9	-	-	-	4	-	-	-	-
Pond 4	B	9-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	5.52	7.87	-	7.8	-	-	-	-	-	7	25.4	-	-	-	5	-	-	-	-
Pond 4	B	24-Feb-16	pond	Hills	-	-	-	-	-	-	-	-	5.52	7.97	-	7.9	-	-	-	-	-	5	25.8	-	-	-	10	-	-	-	-
Pond 4	C	9-Mar-16	pond	Hills	*0.0001*	-	10.1	0.0006	-	0.004	-	-	6.64	7.82	-	7.8	-	-	6.5	39	161	16	22.4	-	-	-	3	-	0.001	0.0028	-
Pond 4	B	23-Mar-16	pond	Hills	-	-	-	-	-	-	-	-	6.31	7.44	-	7.8	-	-	-	-	-	*3*	23	-	-	-	2	-	-	-	-
Pond 4	B	6-Apr-16	pond	Hills	-	-	-	-	-	-	-	-	8.02	7.86	-	8	-	-	-	-	-	*3*	22.2	-	-	-	3	-	-	-	-
Pond 4	B	3-May-16	pond	Hills	-	-	-	-	-	-	-	-	7.5	7.47	-	7.7	-	-	-	-	-	71	20	-	-	-	-	-	-	-	-
Pond 4	C	18-May-16	pond	Hills	*0.0006*	-	9.3	0.007	-	0.0054	-	-	5.6	7.7	-	7.8	-	-	7	-	-	17	18	-	-	-	20	-	0.001	0.0047	-
Pond 4	B	3-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	5.9	7.6	-	7.9	-	-	-	-	-	69	11	-	-	-	66	-	-	-	-
Pond 4	B	18-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	6.5	7.7	-	8	-	-	-	-	-	18	14.3	-	-	-	9	-	-	-	-
Pond 4	B	29-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	6.1	7.6	-	8	-	-	-	-	-	34	13	-	-	-	47	-	-	-	-
Pond 4	B	13-Jul-16	pond	Hills	-	-	-	-	-	-	-	-	5.2	7.4	-	7.8	-	-	-	-	-	38.9	11	-	-	-	68	-	-	-	-
Pond 4	B	27-Jul-16	pond	Hills	-	-	-	-	-	-	-	-	5.6	7.5	-	8	-	-	-	-	-	54	13	-	-	-	59	-	-	-	-
Pond 4	H	12-Aug-16	discharge	Hills	*0.0001*	-	5.8	0.0014	-	0.0051	-	-	5.6	7.4	-	8	-	-	3.4	18.6	-	84	10	-	-	-	94	-	0.0014	0.0105	-
Pond 4	**B**	27-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	4.8	7.8	-	8	-	-	-	-	-	*11*	14	-	-	-	88	-	-	-	-
Pond 4	**B**	7-Sep-16	discharge	Hills	-	-	-	-	-	-	-	-	4.8	7.9	-	8.1	-	-	-	-	-	10	14	-	-	-	24	-	-	-	-
Pond 4	**B**	22-Sep-16	discharge	Hills	-	-	-	-	-	-	-	-	5.2	7.9	-	7.9	-	-	-	-	-	54	16	-	-	-	50	-	-	-	-
Pond 4	**B**	4-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	5.2	7.3	-	7.6	-	-	-	-	-	47	16	-	-	-	119	-	-	-	-
Pond 4	**B**	20-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	5.8	7.9	-	8.2	-	-	-	-	-	14	18	-	-	-	14	-	-	-	-
Pond 4	**B**	3-Nov-16	discharge	Hills	-	-	-	-	-	-	-	-	5.6	7.9	-	8.2	-	-	-	-	-	6	20	-	-	-	10	-	-	-	-
Pond 4	C	22-Nov-16	pond	Hills	*0.0001*	-	7.5	0.0007	-	-	-	-	7	8.1	-	8.1	-	-	-	39	156	57	21	-	-	-	82	-	0.001	0.0047	-
Pond 4	**B**	30-Nov-16	discharge	Hills	-	-	-	-	-	-	-	-	7.9	7.8	-	8.2	-	-	-	-	-	26	21	-	-	-	30	-	-	-	-
Pond 4	Retest	12-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	13-Dec-16	discharge	Hills	-	-	-	-	-	-	-	-	7.8	7.9	-	8.1	-	-	-	-	-	13	22	-	-	-	9	-	-	-	-
Pond 4	**B**	5-Jan-17	discharge	Hills	-	-	-	-	-	-	-	-	7.8	8	-	8.1	-	-	-	-	-	14	21	-	-	-	6	-	-	-	-
Pond 4	C	12-Jan-17	pond	Hills	*0.0001*	-	7.3	*5E-05*	-	-	-	-	7.5	8	-	8.1	-	-	-	46	174	12	19	-	-	-	12.2	-	0.001	0.0011	-
Pond 4	**B**	31-Jan-17	discharge	Hills	-	-	-	-	-	-	-	-	7.9	8.4	-	8.6	-	-	-	-	-	21	16	-	-	-	16	-	-	-	-
Pond 4	**H**	9-Feb-17	pond	Hills	*0.0001*	-	7.2	*0.0005*	-	0.0042	-	-	7.3	8.3	-	8	-	-	-	55	174	*8*	22	-	-	-	4.4	-	*0.001*	0.0015	-
Pond 4	**B**	22-Feb-17	discharge	Hills	-	-	-	-	-	-	-	-	6.8	7.7	-	7.8	-	-	-	-	-	72	22	-	-	-	53	-	-	-	-
Pond 4	**B**	9-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	6.2	7.2	-	7.5	-	-	-	-	-	240	20	-	-	-	67	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	**B**	22-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	6.2	7.7	-	7.8	-	-	-	-	-	200	21	-	-	-	187	-	-	-	-
Pond 4	**B**	3-Apr-17	pond	Hills	-	-	-	-	-	-	-	-	6.1	7.9	-	8.2	-	-	-	-	-	42	21	-	-	-	29	-	-	-	-
Pond 4	**B**	20-Apr-17	pond	Hills	-	-	-	-	-	-	-	-	5.6	7.6	-	7.8	-	-	-	-	-	93	18	-	-	-	105	-	-	-	-
Pond 4	**B**	5-May-17	pond	Hills	-	-	-	-	-	-	-	-	6	7.8	-	8.1	-	-	-	-	-	90	15	-	-	-	40	-	-	-	-
Pond 4	C	31-May-17	pond	Hills	*0.0001*	-	5.5	0.0013	-	-	-	-	6.4	7.8	-	7.9	-	-	-	20	65	16	14	-	-	-	25	-	0.001	0.0038	-
Pond 4	**B**	13-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	6.4	7.8	-	8	-	-	-	-	-	32	13	-	-	-	16	-	-	-	-
Pond 4	**B**	22-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	6.2	7.8	-	8.2	-	-	-	-	-	20	13	-	-	-	36	-	-	-	-
Pond 4	**B**	11-Jul-17	pond	Hills	-	-	-	-	-	-	-	-	6.5	7.8	-	8	-	-	-	-	-	9	12	-	-	-	15	-	-	-	-
Pond 4	**B**	27-Jul-17	discharge	Hills	-	-	-	-	-	-	-	-	6.9	7.8	-	7.9	-	-	-	-	-	90	11	-	-	-	53	-	-	-	-
Pond 4	**B**	18-Aug-17	discharge	Hills	-	-	-	-	-	-	-	-	6.9	7.5	-	8	-	-	-	-	-	55	15	-	-	-	51	-	-	-	-
Pond 4	**H**	30-Aug-17	discharge	Hills	*0.0001*	-	6	*0.0005*	-	0.0056	-	-	7.1	8	-	8.1	-	-	-	21	84	35	14	-	-	-	43	-	*0.001*	0.0049	-
Pond 4	**B**	14-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	7	7.9	-	8.1	-	-	-	-	-	44	16	-	-	-	37.5	-	-	-	-
Pond 4	**B**	28-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	7.4	7.8	-	8.1	-	-	-	-	-	54	17	-	-	-	43.7	-	-	-	-
Pond 4	**B**	11-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	7	8.14	-	8.1	-	-	-	-	-	19	18	-	-	-	19	-	-	-	-
Pond 4	**B**	26-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	9.55	8.1	-	8.3	-	-	-	-	-	53	18	-	-	-	41	-	-	-	-
Pond 4	**B**	9-Nov-17	Pond	Hills	-	-	-	-	-	-	-	-	9.2	8.2	-	8.4	-	-	-	-	-	18	18	-	-	-	18	-	-	-	-
Pond 4	C	23-Nov-17	pond	Hills	*0.0001*	-	6.6	0.0008	-	-	-	-	9.12	8.5	-	8	-	-	-	27	112	27	24	-	-	-	21	-	0.002	0.0037	-
Pond 4	**B**	6-Dec-17	pond	Hills	-	-	-	-	-	-	-	-	8.8	8	-	8.2	-	-	-	-	-	14	24	-	-	-	16	-	-	-	-
Pond 4	**B**	21-Dec-17	pond	Hills	-	-	-	-	-	-	-	-	9.23	9.53	-	9.5	-	-	-	-	-	14	25	-	-	-	16	-	-	-	-
Pond 4	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	9	8.9	-	8	-	-	-	-	-	28	25	-	-	-	18	-	-	-	-
Pond 4	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	9.23	8.42	-	8.1	-	-	-	-	-	3	27	-	-	-	2.4	-	-	-	-
Pond 4	H	8-Feb-18	Pond	Hills	*0.0001*	-	6	*0.0005*	-	-	-	-	8.23	7.3	-	7.94	-	-	-	26	108	6	23	-	-	-	4.2	-	0.001	0.0018	-
Pond 4	**B**	28-Feb-18	Pond	Hills	-	-	6.3	-	-	-	-	-	6.9	8	-	8.1	-	-	5.5	27	-	4	22	0.46	-	-	9	-	-	-	-
Pond 4	**B**	8-Mar-18	Pond	Hills	-	-	7.5	-	-	-	-	-	9.23	8.59	-	8.2	-	-	6.9	29	-	83	24.9	1.2	-	-	64.6	-	-	-	-
Pond 4	**B**	29-Mar-18	Pond	Hills	-	-	6.7	-	-	-	-	-	8.16	8.24	-	7.6	-	-	5.1	24	-	6	23	0.84	-	-	3.7	-	-	-	-
Pond 4	**B**	12-Apr-18	Pond	Hills	-	-	6.8	-	-	-	-	-	8.55	7.5	-	7.9	-	-	5.1	30	-	18	16.8	0.99	-	-	11.4	-	-	-	-
Pond 4	**B**	24-Apr-18	Pond	Hills	-	-	6.6	-	-	-	-	-	8.73	7.92	-	7.8	-	-	7	31	-	20	17.9	0.65	-	-	17.6	-	-	-	-
Pond 4	**B**	9-May-18	Pond	Hills	-	-	7.5	-	-	-	-	-	8.4	7.56	-	7.9	-	-	7.2	36	-	14	14.9	0.63	-	-	12.3	-	-	-	-
Pond 4	**C**	29-May-18	Pond	Hills	*0.0001*	-	8	0.0152	-	0.0058	-	-	9.1	7.84	-	7.9	-	-	6.4	37	148	11	14	0.49	-	-	25	-	0.023	0.041	-
Pond 4	**B**	14-Jun-18	Pond	Hills	-	-	6.1	-	-	-	-	-	8.5	7.67	-	7.9	-	-	4.6	28	-	68	13.6	0.56	-	-	96.2	-	-	-	-
Pond 4	**B**	28-Jun-18	Pond	Hills	-	-	7.1	-	-	-	-	-	9.87	7.88	-	8	-	-	7.5	44	-	113	10.1	7.1	-	-	266	-	-	-	-
Pond 4	**B**	16-Jul-18	Pond	Hills	-	-	5.2	-	-	-	-	-	10.02	8	-	8.1	-	-	4.6	28	-	86	15	2	-	-	130	-	-	-	-
Pond 4	**C**	18-Jul-18	Pond	Hills	*0.0001*	-	4.8	0.0051	-	0.0045	-	-	10	8.4	-	8.4	-	-	4.7	26	63	53	15.2	2.5	-	-	63	-	0.006	0.024	-
Pond 4	**B**	26-Jul-18	Pond	Hills	-	-	6	-	-	-	-	-	10.5	7.96	-	8.1	-	-	4.5	30	-	26	11.5	1.06	-	-	22	-	-	-	-
Pond 4	**B**	9-Aug-18	Pond	Hills	-	-	7.1	-	-	-	-	-	11.09	8.19	-	8	-	-	4.5	32	-	10	12.3	0.59	-	-	10	-	-	-	-
Pond 4	**H**	23-Aug-18	Pond	Hills	*0.0001*	-	6.9	0.004	-	0.0044	-	-	12.3	8.13	-	8	-	-	4.2	32	114	11	12.6	0.42	-	-	6.2	-	0.0022	0.0040	-
Pond 4	**B**	11-Sep-18	Pond	Hills	-	-	7	-	-	-	-	-	11.21	8.13	-	8.2	-	-	3.9	31	-	6	15.1	0.52	-	-	5	-	-	-	-
Pond 4	**B**	25-Sep-18	Pond	Hills	-	-	7.6	-	-	-	-	-	11.4	8.15	-	8.1	-	-	4	29	-	*3*	17.1	0.37	-	-	6	-	-	-	-
Pond 4	**B**	9-Oct-18	discharge	Hills	-	-	8.5	-	-	-	-	-	9.38	7.98	-	8	-	-	4.1	37	-	*3*	17	0.49	-	-	4	-	-	-	-
Pond 4	**B**	23-Oct-18	Pond	Hills	-	-	8.2	-	-	-	-	-	10.5	8.57	-	8.5	-	-	3.1	39	-	7	20.2	0.55	-	-	6	-	-	-	-
Pond 4	**B**	6-Nov-18	Pond	Hills	-	-	7.9	-	-	-	-	-	12.55	8.6	-	8.6	-	-	2.4	35	-	5	18.8	0.37	-	-	4	-	-	-	-
Pond 4	**C**	20-Nov-18	Pond	Hills	*0.0001*	-	8.6	0.0015	-	0.003	-	-	13.65	8.9	-	9	-	-	2	39	164	4	20.7	0.46	-	-	2.9	-	*0.001*	0.0017	-
Pond 4	**B**	6-Dec-18	Pond	Hills	-	-	6.1	-	-	-	-	-	11.6	8.8	-	8.2	-	-	4.3	28	-	62	21.9	0.54	-	-	68	-	-	-	-
Pond 4	**B**	20-Dec-18	Pond	Hills	-	-	5.1	-	-	-	-	-	10.6	7.8	-	7.8	-	-	4.2	26	-	7	20	0.43	-	-	10	-	-	-	-
Pond 4	**B**	8-Jan-19	Discharge	Hills	-	-	7.1	-	-	-	-	-	7.88	8.38	-	8.4	-	-	7.6	29	-	50	26	0.84	-	-	37	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	**B**	22-Jan-19	Pond	Hills	-	-	7.4	-	-	-	-	-	10.05	8.02	-	8.2	-	-	8.1	33	-	72	24.4	0.8	-	-	38	-	-	-	-
Pond 4	**H**	7-Feb-19	Pond	Hills	*0.0001*	-	7	0.060	-	0.0045	-	-	8.5	8.06	-	8.2	-	-	9.2	38	90	40	23.7	0.85	-	-	29	-	0.0013	0.0071	-
Pond 4	**B**	20-Feb-19	Pond	Hills	-	-	7.9	-	-	-	-	-	10	8.63	-	8.5	-	-	8.7	42	-	25	23.5	0.84	-	-	23	-	-	-	-
Pond 4	**B**	7-Mar-19	Pond	Hills	-	-	5.7	-	-	-	-	-	9.5	9.3	-	9.2	-	-	8.6	45	-	22	21.2	0.86	-	-	18	-	-	-	-
Pond 4	**B**	27-Mar-19	Pond	Hills	-	-	9.8	-	-	-	-	-	6.4	7.66	-	7.8	-	-	7.3	43	-	9	21.5	0.7	-	-	7	-	-	-	-
Pond 4	**B**	10-Apr-19	Pond	Hills	-	-	9.3	-	-	-	-	-	9.2	7.83	-	8	-	-	6.8	40	-	3	19.3	0.61	-	-	5	-	-	-	-
Pond 4	**B**	26-Apr-19	Pond	Hills	-	-	9.7	-	-	-	-	-	9.6	8.08	-	8.2	-	-	6.2	42	-	6	17.7	0.66	-	-	4.5	-	-	-	-
Pond 4	**B**	15-May-19	Pond	Hills	-	-	9.2	-	-	-	-	-	10.15	7.77	-	8	-	-	5.9	41	-	6	16.2	0.61	-	-	4.4	-	-	-	-
Pond 4	**C**	27-May-19	Pond	Hills	*0.00010*	-	9.9	0.0008	-	0.0039	-	-	11.77	7.9	-	8	-	-	5.9	43	149	5	11.77	0.65	-	-	4	-	*0.0010*	0.0013	-
Pond 4	**B**	11-Jun-19	Pond	Hills	-	-	12.2	-	-	-	-	-	7.31	7.49	-	7.7	-	-	9.3	57	-	9	12.5	0.88	-	-	20	-	-	-	-
Pond 4	**B**	25-Jun-19	Pond	Hills	-	-	14.8	-	-	-	-	-	11.4	7.8	-	8.1	-	-	9.4	73	-	*3*	12.5	0.50	-	-	6	-	-	-	-
Pond 4	**B**	9-Jul-19	Discharge	Hills	-	-	13.4	-	-	-	-	-	10.10	7.74	-	7.90	-	-	7.3	62	-	17	11.4	0.64	-	-	16	-	-	-	-
Pond 4	**B**	22-Jul-19	Discharge	Hills	-	-	13.1	-	-	-	-	-	10.2	7.76	-	7.9	-	-	6.4	57	-	20	12.6	0.48	-	-	21	-	-	-	-
Pond 4	**B**	6-Aug-19	Discharge	Hills	-	-	13.5	-	-	-	-	-	10.95	7.88	-	8.1	-	-	6.3	61	-	10	10.8	0.38	-	-	11	-	-	-	-
Pond 4	**H**	21-Aug-19	Discharge	Hills	*0.00010*	-	12.1	0.0185	-	0.0066	-	-	10.33	7.99	-	8.1	-	-	5.7	54	230	27	12.5	0.48	-	-	30	-	0.0037	0.0106	-
Pond 4	**B**	3-Sep-19	Pond	Hills	-	-	12.3	-	-	-	-	-	15.11	7.87	-	8.3	-	-	5.6	52	-	4	14.9	0.39	-	-	6	-	-	-	-
Pond 4	**B**	18-Sep-19	Pond	Hills	-	-	12	-	-	-	-	-	10.12	7.88	-	8.1	-	-	5	46	-	12	16.6	0.4	-	-	16	-	-	-	-
Pond 4	**B**	1-Oct-19	Discharge	Hills	-	-	11.3	-	-	-	-	-	9.54	7.89	-	8.2	-	-	4.7	47	-	13	15.7	0.4	-	-	11	-	-	-	-
Pond 4	**B**	18-Oct-19	Discharge	Hills	-	-	9	-	-	-	-	-	10	7.86	-	8.1	-	-	4.6	41	-	56	17	0.54	-	-	63	-	-	-	-
Pond 4	**B**	5-Nov-19	Pond	Hills	-	-	10	-	-	-	-	-	11.88	8.42	-	8.6	-	-	4.3	51	-	6	26.4	0.39	-	-	11	-	-	-	-
Pond 4	**C**	19-Nov-19	Pond	Hills	*0.0001*	-	8.7	*0.0005*	-	0.0031	-	-	11.98	8.49	-	8.7	-	-	3.1	47	143	4	21	0.34	-	-	3.3	-	*0.001*	0.0013	-
Pond 4	**B**	2-Dec-19	Pond	Hills	-	-	9.8	-	-	-	-	-	12.5	9.54	-	9.7	-	-	3.4	52	-	4	25	0.34	-	-	4	-	-	-	-
Pond 4	**B**	17-Dec-19	Pond	Hills	-	-	8.4	-	-	-	-	-	9.8	8.9	-	9.2	-	-	4.1	55	-	5	21.3	0.39	-	-	5	-	-	-	-
Pond 4	**B**	7-Jan-20	Pond	Hills	-	-	10.2	-	-	-	-	-	10.5	8.12	-	8.4	-	-	5.4	57	-	*3*	19.7	0.5	-	-	2	-	-	-	-
Pond 4	**B**	22-Jan-20	Pond	Hills	-	-	11.2	-	-	-	-	-	5.56	7.96	-	7.8	-	-	6.5	60	-	8	25.4	0.53	-	-	6	-	-	-	-
Pond 4	**H**	5-Feb-20	Pond	Hills	*0.0001*	-	11.3	0.0168	-	0.0038	-	-	5.6	7.6	-	7.7	-	-	8.2	63	194	10	27	0.69	-	-	7.2	-	*0.0010*	0.0024	-
Pond 4	**B**	25-Feb-20	Pond	Hills	-	-	14.5	-	-	-	-	-	4.5	7.54	-	7.7	-	-	12.3	75	-	250	23	2.6	-	-	185	-	-	-	-
Pond 4	**B**	10-Mar-20	Pond	Hills	-	-	14.3	-	-	-	-	-	4.5	7.8	-	8	-	-	12.8	77	-	116	24	1.7	-	-	89	-	-	-	-
Pond 4	**B**	23-Mar-20	Pond	Hills	-	-	15.7	-	-	-	-	-	13.2	8.2	-	8.4	-	-	11.8	83	-	111	22.4	2.6	-	-	95	-	-	-	-
Pond 4	**B**	6-Apr-20	Pond	Hills	-	-	15.2	-	-	-	-	-	9.5	8.5	-	8	-	-	11.7	83	-	128	18	3	-	-	88	-	-	-	-
Pond 4	**B**	22-Apr-20	Pond	Hills	-	-	17	-	-	-	-	-	5.2	8	-	8.2	-	-	10.6	81	-	60	18.6	1.92	-	-	34	-	-	-	-
Pond 4	**C**	11-May-20	Pond	Hill	*0.0001*	-	17.4	0.16	-	0.0071	-	-	9.1	7.5	-	7.6	-	-	10.1	64	330	22	17	0.8	-	-	18	-	0.0023	0.0053	-
Pond 4	**B**	26-May-20	Pond	Hills	-	-	15.1	-	-	-	-	-	10.54	8.1	-	8	-	-	8.3	54	-	*3*	16.7	0.67	-	-	4	-	-	-	-
Pond 4	**B**	9-Jun-20	Pond	Hills	-	-	13.9	-	-	-	-	-	6.42	7.56	-	7.5	-	-	8.7	95	-	18	12	0.69	-	-	23	-	-	-	-
Pond 4	**B**	23-Jun-20	Pond	Hills	-	-	14.9	-	-	-	-	-	6.5	8.08	-	8.2	-	-	8.9	95	-	45	13	0.86	-	-	37	-	-	-	-
Pond 4	**B**	8-Jul-20	Discharge	Hills	-	-	10	-	-	-	-	-	8.55	7.87	-	7.8	-	-	6.6	84	-	38	11	0.96	-	-	42	-	-	-	-
Pond 4	**B**	23-Jul-20	Pond	Hills	-	-	11.5	-	-	-	-	-	7.9	7.84	-	7.5	-	-	6.9	68	-	45	11.4	1.02	-	-	45	-	-	-	-
Pond 4	**B**	11-Aug-20	Pond	Hills	-	-	10.5	-	-	-	-	-	9.2	7.8	-	7.5	-	-	7.5	118	-	34	12.4	1.43	-	-	51	-	-	-	-
Pond 4	**H**	25-Aug-20	Pond	Hills	0.00018	-	10.2	0.26	-	0.0184	-	-	6.65	7.66	-	7.2	-	-	7.6	180	480	75	13.7	2.4	-	-	96	-	0.0136	0.039	-
Pond 4	**C**	7-Sep-20	Pond	Hills	*0.0001*	-	11.7	0.088	-	0.0118	-	-	8.86	7.8	-	7.9	-	-	8.2	184	450	9	16.4	1.6	-	-	14	-	0.0097	0.0149	-
Pond 4	**B**	22-Sep-20	Pond	Hills	-	-	12.3	-	-	-	-	-	7.84	7.97	-	7.9	-	-	9.5	210	490	*3*	16.1	1.31	-	-	13	-	-	-	-
Pond 4	**B**	6-Oct-20	Pond	Hills	-	-	12.8	-	-	-	-	-	9.7	7.9	-	8.1	-	-	9	200	-	*3*	18.2	0.72	-	-	9	-	-	-	-
Pond 4	**B**	20-Oct-20	Pond	Hills	-	-	13	-	-	-	-	-	9.5	8.2	-	8.3	-	-	7.5	172	-	13	21.3	0.79	-	-	6	-	-	-	-
Pond 4	**C**	4-Nov-20	Pond	Hills	*0.0001*	-	13.1	0.0005	-	0.0081	-	-	9.8	8.6	-	8.5	-	-	7.8	179	450	14	22.3	0.6	-	-	16	-	*0.0010*	0.0068	-
Pond 4	B	18-Nov-20	Pond	Hill	-	-	10.6	-	-	-	-	-	10	8.2	-	8.1	-	-	6.3	80	-	9	21.9	0.46	-	-	10	-	-	-	-

			Parameter		Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
			Conditions		-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
			ANZECC 95% freshwater		0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
			Trigger Level 1 stream sites		0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
			Trigger Level 2 stream sites		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
			Trigger Level 1 Pond outlets		0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
			Trigger Level 2 Pond outlets		0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
			Mean		0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
			Median		0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
			95th percentile		0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
			Unit		g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	B	2-Dec-20	Pond	Hill	-	-	10.5	-	-	-	-	-	11.9	8.26	-	8.3	-	-	5.5	82	-	4	21.3	0.45	-	-	8	-	-	-	-
Pond 4	B	17-Dec-20	Pond	Hill	-	-	11	-	-	-	-	-	12.5	9.16	-	9.2	-	-	4.3	93	-	5	24.5	0.38	-	-	7	-	-	-	-
Pond 4	B	11-Jan-21	Pond	Hill	-	-	9.3	-	-	-	-	-	12.5	9.2	-	9.2	-	-	3.9	90	-	*3*	25.4	0.37	-	-	5	-	-	-	-
Pond 4	B	25-Jan-21	Pond	Hill	-	-	9.6	-	-	-	-	-	11.16	9	-	9.1	-	-	4.5	93	-	*3*	23	0.36	-	-	5	-	-	-	-
Pond 4	H	10-Feb-21	Pond	Hill	*0.0002*	-	11.6	0.0189	-	0.0027	-	-	10.6	8.5	-	8.5	-	-	5.8	113	-	*8*	23.7	0.47	-	-	5	-	*0.0020*	0.0042	-
Pond 4	B	24-Feb-21	Pond	Hill	-	-	11.6	-	-	-	-	-	5.69	7.84	-	7.7	-	-	6.9	87	-	*3*	23.8	0.36	-	-	2.9	-	-	-	-
Pond 4	B	9-Mar-21	Pond	Hill	-	-	12.8	-	-	-	-	-	7.9	7.86	-	7.8	-	-	6.4	94	-	*3*	21.8	0.52	-	-	3.6	-	-	-	-
Pond 4	B	25-Mar-21	Pond	Hill	-	-	11.9	-	-	-	-	-	9.39	7.84	-	7.5	-	-	5.5	88	-	*3*	21.3	0.52	-	-	3	-	-	-	-
Pond 4	B	8-Apr-21	Discharge	Hill	-	-	8.6	-	-	-	-	-	7.9	7.83	-	8	-	-	5.2	50	-	41	21.3	0.51	-	-	34	-	-	-	-
Pond 4	B	22-Apr-21	Pond	Hill	-	-	11	-	-	-	-	-	7.6	8	-	8	-	-	6	56	-	42	19	0.35	-	-	37	-	-	-	-
Pond 4	B	6-May-21	Pond	Hill	-	-	11.4	-	-	-	-	-	7.7	7.8	-	7.8	-	-	5.9	63	-	18	16.4	0.3	-	-	16	-	-	-	-
Pond 4	C	20-May-21	Pond	Hill	*0.00010*	-	12	0.008	-	0.007	-	-	7.8	7.93	-	8.1	-	-	7.7	66	260	21	14.5	0.5	-	-	19	-	0.0030	0.0083	-
Pond 4	B	3-Jun-21	Pond	Hill	-	-	11.6	-	-	-	-	-	9.9	8.25	-	8.2	-	-	6.8	67	-	7	12.2	0.31	-	-	9	-	-	-	-
Pond 4	B	17-Jun-21	Pond	Hill	-	-	12.6	-	-	-	-	-	6.9	7.7	-	7.7	-	-	7.1	65	-	3	13.8	0.42	-	-	5	-	-	-	-
Pond 4	B	1-Jul-21	Pond	Hill	-	-	10.8	-	-	-	-	-	14.5	7.89	-	7.9	-	-	6.1	51	-	10	8.5	0.4	-	-	8	-	-	-	-
Pond 4	B	16-Jul-21	Pond	Hill	-	-	13.2	-	-	-	-	-	13	7.7	-	7.7	-	-	6.3	59	-	5	10	0.59	-	-	5	-	-	-	-
Pond 4	H	2-Aug-21	Pond	Hill	*0.00010*	-	8.4	0.031	-	0.0053	-	-	8.45	7.92	-	7.5	-	-	5.4	40	133	10	14	0.42	-	-	40	-	0.0166	0.038	-
Pond 4	B	16-Aug-21	Pond	Hill	-	-	11.1	-	-	-	-	-	8.6	7.8	-	7.6	-	-	4.8	49	-	7	12	0.29	-	-	9	-	-	-	-
Pond 4	B	30-Aug-21	Pond	Hill	-	-	11.5	-	-	-	-	-	9	8.2	-	8.2	-	-	5.1	49	-	5	15.5	0.42	-	-	5	-	-	-	-
Pond 4	B	13-Sep-21	Pond	Hill	-	-	7.5	-	-	-	-	-	9.3	8.2	-	8.2	-	-	4.4	31	-	19	17	0.44	-	-	22	-	-	-	-
Pond 4	B	27-Sep-21	Pond	Hill	-	-	5.6	-	-	-	-	-	8.7	7.97	-	7.9	-	-	3.8	23	-	39	15.6	0.42	-	-	46	-	-	-	-
Pond 4	B	11-Oct-21	Pond	Hill	-	-	6.5	-	-	-	-	-	9.2	8.02	-	8	-	-	4.5	26	-	20	19.4	0.53	-	-	26	-	-	-	-
Pond 4	B	26-Oct-21	Pond	Hill	-	-	8.2	-	-	-	-	-	7.9	7.6	-	7.6	-	-	4.9	30	-	30	21	0.84	-	-	45	-	-	-	-
Pond 4	C	8-Nov-21	Pond	Hill	*0.00010*	-	8.2	0.0011	-	0.0057	-	-	13.5	8.3	-	8.2	-	-	5.2	33	99	7	22.5	0.46	-	-	10	-	0.0028	0.0069	-
Pond 4	B	23-Nov-21	Pond	Hill	-	-	10	-	-	-	-	-	12.17	8	-	8	-	-	5.3	41	-	*3*	24.4	0.42	-	-	4	-	-	-	-
Pond 4	B	7-Dec-21	Pond	Hill	-	-	8.8	-	-	-	-	-	12.3	8.1	-	8.1	-	-	4.1	42	-	*3*	25.1	0.39	-	-	3	-	-	-	-
Pond 4	B	20-Dec-21	Pond	Hill	-	-	10.5	-	-	-	-	-	12.4	8.2	-	8.3	-	-	5.6	49	-	*3*	25	0.36	-	-	3	-	-	-	-
Pond 4	B	6-Jan-22	Pond	Hill	-	-	9.7	-	-	-	-	-	15	8.9	-	8.9	-	-	5	51	-	*3*	25.8	0.41	-	-	3	-	-	-	-
Pond 4	B	20-Jan-22	Pond	Hill	-	-	10.5	-	-	-	-	-	13.2	8.42	-	8.1	-	-	5.9	60	-	*3*	26.3	0.54	-	-	2.33	-	-	-	-
Pond 4	B	3-Feb-22	Pond	Hill	-	-	12.6	-	-	-	-	-	11.3	7.5	-	7.7	-	-	7	71	-	5	25.2	0.95	-	-	1.76	-	-	-	-
Pond 4	H	17-Feb-22	Pond	Hill	*0.0001*	-	11.5	*0.0005*	-	0.0026	-	-	8.23	7.7	-	7.7	-	-	7.1	70	230	*8*	25	0.59	-	-	2.2	-	0.0014	0.0025	-
Pond 4	B	7-Mar-22	Pond	Hill	-	-	12.2	-	-	-	-	-	6.96	8.02	-	7.7	-	-	8	73	-	10	23.4	0.86	-	-	3.37	-	-	-	-
Pond 4	B	22-Mar-22	Pond	Hill	-	-	10	-	-	-	-	-	5.95	7.83	-	7.6	-	-	7.9	55	-	54	21.1	0.87	-	-	86	-	-	-	-
Pond 4	B	5-Apr-22	Pond	Hill	-	-	12.7	-	-	-	-	-	6.5	8.2	-	8.2	-	-	8.3	61	-	18	21.7	1.11	-	-	22	-	-	-	-
Pond 4	B	19-Apr-22	Pond	Hill	-	-	13.3	-	-	-	-	-	6.7	8	-	8	-	-	8	61	-	43	18.8	1.40	-	-	40	-	-	-	-
Pond 4	C	9-May-22	Pond	Hill	*0.0001*	-	15.4	0.0010	-	0.0035	-	-	6.5	7.96	-	8	-	-	7.1	71	390	12	16	0.73	-	-	7	-	0.0010	0.0028	-
Pond 4	B	23-May-22	Pond	Hill	-	-	16.1	-	-	-	-	-	6.8	8	-	8	-	-	6.7	67	-	10	15.2	0.54	-	-	9	-	-	-	-
Pond 4	B	8-Jun-22	Discharge	Hill	-	-	13	-	-	-	-	-	6.5	7.56	-	7.6	-	-	6.6	64	-	20	14.7	0.40	-	-	24	-	-	-	-
Pond 4	B	22-Jun-22	Pond	Hill	-	-	11.8	-	-	-	-	-	7.3	7.94	-	8.1	-	-	6.2	68	-	15	10.1	0.45	-	-	25	-	-	-	-
Pond 4	B	5-Jul-22	Pond	Hill	-	-	10.7	-	-	-	-	-	7.2	7.86	-	8	-	-	5.1	64	-	4	11.7	0.35	-	-	8	-	-	-	-
Pond 4	B	19-Jul-22	Pond	Hill	-	-	5.9	-	-	-	-	-	7.9	7.53	-	7.8	-	-	3.8	77	-	66	12	0.84	-	-	147	-	-	-	-
Pond 4	H	1-Aug-22	Pond	Hill	*0.0001*	-	5.5	0.0660	-	0.0044	-	-	5.6	7.96	-	7.8	-	-	3.2	55	132	25	12	0.48	-	-	83	-	0.0016	0.0139	-
Pond 4	B	15-Aug-22	Pond	Hill	-	-	4.4	-	-	-	-	-	6.23	8.06	-	7.8	-	-	2.8	33	-	31	12	0.34	-	-	119	-	-	-	-
Pond 4	B	29-Aug-22	Pond	Hill	-	-	6.4	-	-	-	-	-	10.55	8.31	-	8.1	-	-	3.8	47	-	20	14	0.31	-	-	29	-	-	-	-
Pond 4	B	12-Sep-22	Pond	Hill 3075387.4	-	-	5.3	-	-	-	-	-	10.81	8	-	8.1	-	-	3.1	35	-	17	16.8	0.37	-	-	8	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	B	27-Sep-22	Pond	Hill 3085123.4	-	-	6.5	-	-	-	-	-	10.02	8.12	-	8.1	-	-	3.4	41	-	4	16.7	0.28	-	-	4	-	-	-	-
Pond 4	B	10-Oct-22	Pond	Hill 3095159.4	-	-	7.7	-	-	-	-	-	9.3	8.16	-	8	-	-	4	50	-	6	16.8	0.36	-	-	6	-	-	-	-
Pond 4	B	25-Oct-22	Pond	Hill 3104306.4	-	-	7.7	-	-	-	-	-	10.65	8.1	-	7.7	-	-	3.7	54	-	6	19.7	0.33	-	-	6	-	-	-	-
Pond 4	C	8-Nov-22	Pond	Hill 3113136.3	*0.0001*	-	6.8	*0.0005*	-	0.0029	-	-	10.55	8.43	-	8.2	-	-	3.9	54	137	12	21.5	0.35	-	-	8	-	*0.0010*	0.0055	-
Pond 4	B	22-Nov-22	Pond	Hill 3122370.4	-	-	5.7	-	-	-	-	-	10.4	7.81	-	7.8	-	-	4.2	43	-	48	20.6	0.38	-	-	49	-	-	-	-
Pond 4	B	6-Dec-22	Pond	Hill 3132692.4	-	-	7.4	-	-	-	-	-	9.8	8.2	-	8.2	-	-	4.6	58	-	5	21	0.38	-	-	6	-	-	-	-
Pond 4	B	22-Dec-22	Pond	Hill 3143778.4	-	-	7.9	-	-	-	-	-	10	7.9	-	7.9	-	-	5.4	57	-	8	25	0.57	-	-	20	-	-	-	-
Pond 4	B	9-Jan-23	Discharge	Hill 3149230.4	-	-	8.5	-	-	-	-	-	10.5	7.81	-	7.9	-	-	5.3	48	-	14	23.5	0.6	-	-	32	-	-	-	-
Pond 4	B	23-Jan-23	Pond	Hill 3159105.4	-	-	7.5	-	-	-	-	-	10.46	8.71	-	8.3	-	-	5.2	46	-	11	28	0.49	-	-	16	-	-	-	-
Pond 4	H	7-Feb-23	Pond	Hill 3168184.4	0.0002	-	7.3	0.76	-	0.0098	-	-	0.101	7.78	-	7.5	-	-	7.6	80	165	25	23	2.5	-	-	33	-	0.0064	0.026	-
Pond 4	B	22-Feb-23	Pond	Hill 3182080.4	-	-	6.5	-	-	-	-	-	5.15	7.43	-	7.5	-	-	9.5	74	-	8	23.1	4.9	-	-	16	-	-	-	-
Pond 4	B	6-Mar-23	Pond	Hill 3196731.4	-	-	7.8	-	-	-	-	-	8.26	7.42	-	7.2	-	-	9.1	49	-	32	22.1	4.3	-	-	47.3	-	-	-	-
Pond 4	B	21-Mar-23	Pond	Hill 3212032.4	-	-	8.2	-	-	-	-	-	4.29	8.3	-	8.1	-	-	8.4	55	-	10	21	2.2	-	-	20	-	-	-	-
Pond 4	B	7-Apr-23	Pond	Hill 3233901.4	-	-	8.7	-	-	-	-	-	4.4	7.92	-	7.9	-	-	7.5	54	-	18	18.6	2.2	-	-	20	-	-	-	-
Pond 4	B	21-Apr-23	Pond	Hill 3252438.4	-	-	9.8	-	-	-	-	-	9.6	8.3	-	8	-	-	7.5	60	-	32	20.3	2.3	-	-	29	-	-	-	-
Pond 4	C	12-May-23	Pond	Hill 3275086.7	*0.0001*	-	6.4	0.033	-	0.0042	-	-	8.75	8.17	-	7.7	-	-	4.4	32	86	151	15	1.42	-	-	237	-	0.0200	0.125	-
Pond 4	B	30-May-23	Pond	Hill 3290923.4	-	-	8.2	-	-	-	-	-	8.88	7.9	-	7.8	-	-	4.6	34	-	12	16.7	0.91	-	-	16	-	-	-	-
Pond 4	B	15-Jun-23	Pond	Hill 3302102.4	-	-	7.7	-	-	-	-	-	9.23	7.61	-	7.9	-	-	4.5	34	-	8	12.3	0.64	-	-	7.61	-	-	-	-
Pond 4	B	16-Jun-23	Pond	Hill 3307617.4	-	-	7.8	-	-	-	-	-	9.53	7.98	-	8	-	-	4.3	31	-	4	11.6	0.46	-	-	3.57	-	-	-	-
Pond 4	B	4-Jul-23	Pond	Hill 3315701.4	-	-	7	-	-	-	-	-	9.1	7.82	-	7.8	-	-	5.7	30	-	54	11.5	1.01	-	-	65.2	-	-	-	-
Pond 4	B	20-Jul-23	Pond	Hill 3326110.4	-	-	7.5	-	-	-	-	-	9.47	8.16	-	8.2	-	-	4.3	51	-	37	14.1	0.54	-	-	18.3	-	-	-	-
Pond 4	B	10-Aug-23	Pond	Hill 3340739.4	-	-	6.1	-	-	-	-	-	10.2	8.3	-	8.3	-	-	3.4	52	-	4	12.2	0.34	-	-	10.7	-	-	-	-
Pond 4	B	18-Aug-23	Pond	Hill 3345212.4	-	-	7.8	-	-	-	-	-	10.6	8.92	-	8.7	-	-	3.5	54	-	12	12.2	0.38	-	-	13.2	-	-	-	-
Pond 4	B	7-Sep-23	Pond	Hill 3360107.4	-	-	5.8	-	-	-	-	-	9.8	8.05	-	7.9	-	-	3.3	37	-	17	15.6	0.5	-	-	35.5	-	-	-	-
Pond 4	B	13-Sep-23	Pond	Hill 3363106.4	-	-	6.1	-	-	-	-	-	9.1	7.99	-	8.1	-	-	3.5	35	-	77	16.5	0.51	-	-	137	-	-	-	-
Pond 4	B	6-Oct-23	Pond	Hill 3381015.4	-	-	9.2	-	-	-	-	-	9.7	8.28	-	8.3	-	-	4.4	31	-	22	17.8	0.92	-	-	6.98	-	-	-	-
Pond 4	B	12-Oct-23	Pond	Hill 3383860.4	-	-	7	-	-	-	-	-	10	8.14	-	8.2	-	-	3.9	51	-	7	16.9	0.46	-	-	1.8	-	-	-	-
Pond 4	B	3-Nov-23	Pond	Hill 3399556.4	-	-	7	-	-	-	-	-	8.77	7.92	-	8	-	-	3.5	46	-	15	17.7	0.3	-	-	21.8	-	-	-	-
Pond 4	H	8-Nov-23	Pond	Hill 3403609.3	*0.0001*	-	6.9	0.153	-	0.0057	-	-	8.38	7.66	-	7.7	-	-	3.8	41	124	14	18.8	0.38	-	-	12.6	-	0.0072	0.0168	-
Pond 4	B	24-Nov-23	Pond	Hill 3414745.4	-	-	7.6	-	-	-	-	-	8.44	8.17	-	8.2	-	-	3.6	44	-	9	23.4	0.61	-	-	5.78	-	-	-	-
Pond 4	C	22-Nov-23	Pond	Hills 3412758.4	*0.0001*	-	7.6	0.24	-	0.0048	-	-	8.53	7.94	-	8.2	-	-	3.6	39	116	7	23.6	0.67	-	-	6.44	-	0.006	0.0092	-
Pond 4	B	8-Dec-23	Pond	Hills 3424896.4	-	-	8.4	-	-	-	-	-	8.85	8.14	-	7.9	-	-	4.1	51	-	19	21.2	0.49	-	-	26.8	-	-	-	-
Pond 4	B	20-Dec-23	Pond	Hills 3434878.4	-	-	8.4	-	-	-	-	-	8.76	8	-	8.04	-	-	3.3	16.3	-	8	23.4	0.56	-	-	7.31	-	-	-	-
Pond 4	B	8-Jan-24	Pond	Hills 3440416.4	-	-	7.1	-	-	-	-	-	8.05	8.03	-	8.1	-	-	4.6	41	-	42	24.1	0.64	-	-	75.2	-	-	-	-
Pond 4	B	18-Jan-24	Pond	Hills 3447519.4	-	-	7.1	-	-	-	-	-	7.78	8.44	-	8.2	-	-	4.9	40	-	10	27.2	0.43	-	-	12.8	-	-	-	-
Pond 4	H	5-Feb-24	Pond	Hills 3459798.4	*0.0001*	-	7.3	0.035	-	0.0039	-	-	9.15	7.96	-	8.1	-	-	4.4	41	-	7	22.3	0.57	-	-	6.18	-	0.051	0.072	-
Pond 4	B	15-Feb-24	Pond	Hills 3468936.4	-	-	7	-	-	-	-	-	8.82	8.15	-	8.2	-	-	4.3	43	-	14	23.9	0.47	-	-	5.76	-	-	-	-
Pond 4	B	29-Feb-24	Pond	Hills 3483686.4	-	-	7.6	-	-	-	-	-	8.33	8.06	-	8.1	-	-	4.1	45	-	12	22	0.45	-	-	13.7	-	-	-	-
Pond 4	B	27-Mar-24	Pond	Hills 3499045.4	-	-	6.9	-	-	-	-	-	8.46	7.96	-	7.8	-	-	4.5	43	-	4	21.1	0.6	-	-	8.6	-	-	-	-
Pond 4	B	27-Mar-24	Pond	Hills 3522038.4	-	-	7.1	-	-	-	-	-	8.65	7.42	-	7.5	-	-	4.3	42	-	4	20.3	0.64	-	-	7.3	-	-	-	-
Pond 4	B	12-Apr-24	Pond	Hills 3541327.4	-	-	8	-	-	-	-	-	8.72	7.94	-	7.4	-	-	4.3	46	-	11	20.5	0.62	-	-	9.75	-	-	-	-
Pond 4	B	24-Apr-24	Pond	Hills 3559570.4	-	-	7.9	-	-	-	-	-	9.03	7.9	-	7.8	-	-	4.4	37	-	12	17.1	0.6	-	-	9.08	-	-	-	-
Pond 4	B	9-May-24	Pond	Hills 3577819.4	-	-	8.8	-	-	-	-	-	8.5	7.94	-	7.8	-	-	4.5	41	-	3	13.4	0.51	-	-	1.91	-	-	-	-
Pond 4	C	27-May-24	Pond	Hills 3593002.4	*0.0001*	-	7.9	0.008	-	0.0036	-	-	8.65	7.91	-	7.8	-	-	5	35	142	9	13.6	0.4	-	-	15.6	-	0.004	0.0113	-
Pond 4	B	11-Jun-24	Pond	Hills 3604225.4	-	-	10.1	-	-	-	-	-	8.77	7.83	-	8	-	-	5.9	44	-	8	15.5	0.42	-	-	6.34	-	-	-	-

				Parameter	Lead, diss	Lithium	Magnesium diss	Manganese diss	Molybdenum	Nickel diss	Nitrate, diss	Organic Nitrogen	Oxygen, diss	pH field	pH field	pH lab	Phosphorus diss	Phosphorus TOTAL	Potassium diss	Sodium diss	Sulphate	Susp Solids	Temperature	TKN (Total Kjeldahl Nitrogen)	Tin	Titanium	Turbidity	Vanadium	Zinc, dissolved	Zinc, total	Zn composite
				Conditions	-	-	-	-	-	-	-	-	-	Upper limit	Lower Limit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	0.0094	-	-	3.6	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	-	-
				ANZECC 95% freshwater	0.0034	-	-	1.9	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	-	-
				Trigger Level 1 stream sites	0.005	-	-	0.8	-	0.01	-	-	-	7.7	6.7	-	-	-	6.9	200	80	50	24	-	-	-	-	-	0.04	-	-
				Trigger Level 2 stream sites	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	-	-	0.11	-	-
				Trigger Level 1 Pond outlets	0.005	-	-	0.6	-	0.02	-	-	-	8.9	6.5	-	-	-	9	200	200	50	28	-	-	-	60	-	0.11	-	-
				Trigger Level 2 Pond outlets	0.05	-	-	5	-	0.16	-	-	-	9	6.4	-	-	-	15	300	400	100	31	-	-	-	200	-	0.11	-	-
				Mean	0.0001311	0.099	9.1	0.024	0.015	0.00345	0.27	0.72	8.7	8.1	-	8.1	-	0.060	5.7	39.9	135.7	20.6	18.1	0.85	-	-	20.1	-	0.00574	0.014	-
				Median	0.0001	0.099	8.5	0.0025	0.015	0.0028	0.06	0.57	8.9	7.9	-	8.0	-	0.043	5.5	34	127	9.75	18.2	0.65	-	-	9.0	-	0.0022	0.007	-
				95th percentile	0.0002	0.099	15.1	0.15	0.015	0.00719	0.45	1.2	12.4	9.0	-	8.9	-	0.14	9.2	85.2	268.5	70.55	25.5	1.9	-	-	68.9	-	**0.025**	0.047	-
				Unit	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	-	-	-	g/m3	g/m3	g/m3	g/m3	g/m3	g/m3	°C	g/m3	g/m3	g/m3	NTU	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**																											
Pond 4	B	24-Jun-24	Pond	Hills 3614230.4	-	-	7	-	-	-	-	-	9.03	7.69	-	7.7	-	-	5.1	29	-	35	13.4	0.91	-	-	65.9	-	-	-	-
Pond 4	B	18-Jul-24	Pond	Hills 3632050.4	-	-	8	-	-	-	-	-	9.1	7.73	-	7.6	-	-	4.9	32	-	33	12.6	0.53	-	-	30.6	-	-	-	-
Pond 4	H	2-Aug-24	Pond	Hills 3641802.4	*0.0001*	-	7.1	0.148	-	0.005	-	-	9.14	7.55	-	7.8	-	-	4.3	33	125	18	12	0.42	-	-	26	-	0.007	0.0175	-
Pond 4	B	16-Aug-24	Pond	Hills 3651692.4	-	-	7.8	-	-	-	-	-	9.16	8.15	-	8.2	-	-	4.6	39	-	6	15.4	0.41	-	-	8.41	-	-	-	-
Pond 4	B	29-Aug-24	Pond	Hills 3660407.4	-	-	9.4	-	-	-	-	-	9.1	7.73	-	8	-	-	4.7	45	-	12	16	0.38	-	-	14.2	-	-	-	-
Pond 4	B	12-Sep-24	Pond	Hills 3671006.4	-	-	7.7	-	-	-	-	-	9.6	8.17	-	8.2	-	-	4.1	38	-	13	14	0.36	-	-	10.5	-	-	-	-
Pond 4	B	26-Sep-24	Pond	Hills 3681023.4	-	-	7.2	-	-	-	-	-	8.72	8.72	-	8.1	-	-	4	36	-	22	14.8	0.36	-	-	34.4	-	-	-	-
Pond 4	B	10-Oct-24	Pond	Hills 3691499.4	-	-	7.8	-	-	-	-	-	8.9	7.92	-	8	-	-	4.4	39	-	33	18.8	0.43	-	-	45	-	-	-	-

Notes:

- = not available or not sampled for

< = below detection limit

= concentration exceeds Trigger Level 1 for pond outlets

= concentration exceeds Trigger Level 2 for pond outlets

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	12-Jan-05	discharge		-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-Jan-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	9-Feb-05	discharge	Hills	-	<5	<0.01	-	-	-	-	-	-	<0.05	-	-	-	-	-
Pond 1	B	23-Feb-05	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Mar-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	23-Mar-05	pond	Hills	-	5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-Apr-05	pond	Hills	-	<5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	20-Apr-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	<0.05	-	-	-	-	-
Pond 1	B	4-May-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-May-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	19-May-05	Living Earth Mulch runoff	Hills	-	<5	0.01	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	1-Jun-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	15-Jun-05	pond	Hills	-	6	0.002	-	-	-	-	-	-	0.55	-	-	-	-	-
Pond 1	B	30-Jun-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	13-Jul-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Jul-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Aug-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	24-Aug-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	<0.2	-	-	-	-	-
Pond 1	B	7-Sep-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Sep-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Oct-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	19-Oct-05	discharge	Hills	-	<5	<0.002	-	-	6.31	6.24	-	-	0.11	-	-	-	-	-
Pond 1	B	2-Nov-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Nov-05	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	30-Nov-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	7-Dec-05	discharge	Hills	-	<5	<0.002	-	-	4.22	4.19	-	-	<0.05	-	-	-	-	-
Pond 1	B	21-Dec-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-Jan-06	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	25-Jan-06	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	8-Feb-06	discharge	Hills	-	<5	<0.002	-	-	6.72	7.23	-	-	0.32	-	-	-	-	-
Pond 1	B	22-Feb-06	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	8-Mar-06	discharge	Hills	-	<5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	22-Mar-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Apr-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	19-Apr-06	discharge	Hills	-	<5	0.002	-	-	6.91	6.98	-	-	0.06	-	-	-	-	-
Pond 1	B	3-May-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	17-May-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	31-May-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	14-Jun-06	discharge	Hills	-	<5	0.003	-	-	6.41	6.24	-	-	0.2	-	-	-	-	-
Pond 1	B	28-Jun-06	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	12-Jul-06	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-Jul-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	Barge Ponds	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	Final Check Dam	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	1-Aug-06	SP1C road runoff	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	9-Aug-06	discharge	Hills	-	<5	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	14-Aug-06	Barge Ponds	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	14-Aug-06	Phase 12B pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	23-Aug-06	discharge	Hills	-	< 5	0.003	-	-	6.15	5.82	-	-	0.24	-	-	-	-	-
Pond 1	B	5-Sep-06	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	19-Sep-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	4-Oct-06	pond	Hills	-	<5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	18-Oct-06	discharge	Hills	-	< 5	< 0.002	-	-	4.8	4.74	-	-	0.06	-	-	-	-	-
Pond 1	B	1-Nov-06	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	<0.05	-	-	-	-	-
Pond 1	B	14-Nov-06	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	29-Nov-06	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	6-Dec-06	discharge	Hills	-	< 5	0.002	-	-	4.85	4.91	-	-	< 0.05	-	-	-	-	-
Pond 1	B	20-Dec-06	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Jan-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Jan-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	7-Feb-07	discharge	Hills	-	< 5	0.002	-	-	6.18	5.89	-	-	0.08	-	-	-	-	-
Pond 1	B	21-Feb-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	7-Mar-07	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Mar-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	4-Apr-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	18-Apr-07	discharge	Hills	-	< 5	0.002	-	-	6.97	6.48	-	-	0.47	-	-	-	-	-
Pond 1	B	2-May-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-May-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	13-Jun-07	discharge	Hills	-	< 5	0.002	-	-	6.87	6.56	-	-	< 0.05	-	-	-	-	-
Pond 1	B	27-Jun-07	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-Jul-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Jul-07	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	8-Aug-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	22-Aug-07	pond	Hills	-	9	0.003	-	-	5	4.97	-	-	0.1	-	-	-	-	-
Pond 1	B	5-Sep-07	discharge	Hills	-	< 5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	19-Sep-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	3-Oct-07	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	17-Oct-07	discharge	Hills	-	< 5	0.002	-	-	4.99	4.97	-	-	< 0.05	-	-	-	-	-
Pond 1	B	31-Oct-07	discharge	Hills	-	< 5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	13-Nov-07	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	28-Nov-07	discharge	Hills	-	< 5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	5-Dec-07	discharge	Hills	-	< 5.0	< 0.0020	-	-	6.9	6.8	-	-	0.013	-	-	-	-	-
Pond 1	B	19-Dec-07	discharge	Hills	-	< 5	0.017	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Jan-08	discharge	Hills	-	< 5	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	23-Jan-08	discharge	Hills	-	< 5	0.0021	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	5-Feb-08	discharge	Hills	-	< 5.0	0.0037	-	-	6.3	6.5	-	-	0.031	-	-	-	-	-
Pond 1	B	20-Feb-08	discharge	Hills	-	< 5	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Mar-08	pond	Hills	-	< 5.0	0.0051	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	19-Mar-08	discharge	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	2-Apr-08	discharge	Hills	-	< 5.0	0.003	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	C	15-Apr-08	discharge	Hills	-	< 5.0	0.0025	-	-	7.9	7.1	-	-	0.18	-	-	-	-	-
Pond 1	B	30-Apr-08	discharge	Hills	-	< 5.0	0.0024	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	14-May-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	28-May-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	3-Jun-08	Check Dam #1	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	11-Jun-08	discharge	Hills	-	< 5.0	0.0041	-	-	8	6.9	-	-	< 0.050	-	-	-	-	-
Pond 1	B	25-Jun-08	discharge	Hills	-	5.3	0.0053	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Jul-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	23-Jul-08	discharge	Hills	-	< 5.0	0.0027	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-Aug-08	pond	Hills	-	34	0.09	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	20-Aug-08	pond	Hills	-	19	0.013	-	-	5.2	4.9	-	-	0.05	-	-	-	-	-
Pond 1	B	3-Sep-08	discharge	Hills	-	32	0.016	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	8-Sep-08	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Sep-08	pond	Hills	-	< 5.0	0.0038	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	1-Oct-08	discharge	Hills	-	< 5.0	0.0021	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	15-Oct-08	discharge	Hills	-	< 5.0	0.0027	-	-	6.9	6.7	-	-	< 0.050	-	-	-	-	-
Pond 1	B	29-Oct-08	discharge	Hills	-	< 5.0	0.0031	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-Nov-08	discharge	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-Nov-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	3-Dec-08	discharge	Hills	-	< 5.0	0.0027	-	-	7.3	6.7	-	-	< 0.050	-	-	-	-	-
Pond 1	B	17-Dec-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	7-Jan-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Jan-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	4-Feb-09	pond	Hills	-	< 5.0	0.0024	-	-	8.1	7.1	-	-	< 0.050	-	-	-	-	-
Pond 1	B	18-Feb-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	4-Mar-09	discharge	Hills	-	< 5.0	0.0031	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Mar-09	discharge	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	1-Apr-09	discharge	Hills	-	< 5.0	0.003	-	-	7.1	6.6	-	-	0.06	-	-	-	-	-
Pond 1	B	15-Apr-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	29-Apr-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	F	30-Apr-09	pond	Hills	-	< 5.0	0.0042	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	12-May-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-May-09	discharge	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	10-Jun-09	discharge	Hills	-	< 5.0	0.0044	-	-	6.2	5.6	-	-	0.11	-	-	-	-	-
Pond 1	B	24-Jun-09	discharge	Hills	-	17	0.0084	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	8-Jul-09	discharge	Hills	-	13	0.0051	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	22-Jul-09	pond	Hills	-	6	0.0039	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	5-Aug-09	discharge	Hills	-	< 5.0	0.0024	-	-	6.4	6.1	-	-	0.05	-	-	-	-	-
Pond 1	B	18-Aug-09	discharge	Hills	-	< 5.0	0.0043	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	2-Sep-09	pond	Hills	-	< 5.0	0.0034	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	15-Sep-09	discharge	Hills	-	< 5.0	0.0023	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	30-Sep-09	discharge	Hills	-	< 5.0	0.0023	-	-	6.1	5.6	-	-	0.08	-	-	-	-	-
Pond 1	B	14-Oct-09	discharge	Hills	-	< 5.0	0.0031	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	28-Oct-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Nov-09	discharge	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	25-Nov-09	discharge	Hills	-	< 5.0	0.0053	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	2-Dec-09	pond	Hills	-	< 5.0	0.0026	-	-	6.4	6.3	-	-	< 0.050	-	-	-	-	-
Pond 1	B	16-Dec-09	discharge	Hills	-	< 5.0	0.0023	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	8-Jan-10	pond	Hills	-	< 5.0	0.0031	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	20-Jan-10	pond	Hills	-	< 5.0	0.0034	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	3-Feb-10	pond	Hills	-	< 5.0	0.0052	-	-	8.3	7.8	-	-	< 0.050	-	-	-	-	-
Pond 1	B	17-Feb-10	pond	Hills	-	< 5.0	0.0033	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-May-10	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	9-Jun-10	pond	Hills	-	< 5	0.004	-	-	7.9	7.8	-	-	0.6	-	-	-	-	-
Pond 1	B	23-Jun-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	7-Jul-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Jul-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	4-Aug-10	discharge	Hills	-	< 5	0.004	-	-	6.3	6.3	-	-	-	-	-	-	-	-
Pond 1	B	18-Aug-10	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	1-Sep-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	14-Sep-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	28-Sep-10	discharge	Hills	-	< 5	< 0.002	-	-	7.1	6.7	-	-	-	-	-	-	-	-
Pond 1	B	13-Oct-10	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Oct-10	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Nov-10	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Nov-10	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	1-Dec-10	pond	Hills	-	< 5	< 0.002	-	-	8.3	8.1	-	-	-	-	-	-	-	-
Pond 1	B	15-Dec-10	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Jan-11	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	19-Jan-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	2-Feb-11	discharge	Hills	-	< 5	0.009	-	-	6.2	6.1	-	-	-	-	-	-	-	-
Pond 1	B	16-Feb-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	2-Mar-11	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Mar-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	30-Mar-11	discharge	Hills	-	< 5	0.002	-	-	6.8	6.3	-	-	-	-	-	-	-	-
Pond 1	B	13-Apr-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Apr-11	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-May-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	25-May-11	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	8-Jun-11	discharge	Hills	-	< 5	0.002	-	-	7.4	7.7	-	-	-	-	-	-	-	-
Pond 1	B	22-Jun-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-Jul-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	20-Jul-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	3-Aug-11	discharge	Hills	-	< 5	0.003	-	-	6	6.1	-	-	-	-	-	-	-	-
Pond 1	B	17-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	31-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	14-Sep-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	28-Sep-11	discharge	Hills	-	< 5	< 0.002	-	-	8.6	9.4	-	-	-	-	-	-	-	-
Pond 1	B	12-Oct-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-Oct-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	9-Nov-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	22-Nov-11	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	30-Nov-11	discharge	Hills	-	< 5	0.004	-	-	8.4	8.7	-	-	-	-	-	-	-	-
Pond 1	B	14-Dec-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Jan-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Jan-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	1-Feb-12	discharge	Hills	-	< 5	< 0.002	-	-	8.9	7.9	-	-	-	-	-	-	-	-
Pond 1	B	15-Feb-12	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	29-Feb-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	14-Mar-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	28-Mar-12	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C + TPH	28-Mar-12	discharge	Hills	-	< 5	< 0.002	-	-	6.7	6.6	-	-	-	-	-	-	-	-
Pond 1	B	11-Apr-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	23-Apr-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-May-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	23-May-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	6-Jun-12	discharge	Hills	-	< 5	< 0.002	-	-	8.3	8.5	-	-	-	-	-	-	-	-
Pond 1	B	20-Jun-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	4-Jul-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Jul-12	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	1-Aug-12	pond	Hills	-	< 5	< 0.002	-	-	5.1	4.9	-	-	-	-	-	-	-	-
Pond 1	B	15-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	29-Aug-12	pond	Hills	-	< 5	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	12-Sep-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	26-Sep-12	discharge	Hills	-	< 5	< 0.002	-	-	6.8	6.3	-	-	-	-	-	-	-	-
Pond 1	B	10-Oct-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Oct-12	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	7-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	5-Dec-12	discharge	Hills	-	5	0.002	-	-	7.3	7.1	-	-	-	-	-	-	-	-
Pond 1	B	19-Dec-12	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Jan-13	pond	Hills	-	5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	23-Jan-13	discharge	Hills	-	5	0.002	-	-	8	7.2	-	-	-	-	-	-	-	-
Pond 1	B	5-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	20-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-Mar-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	20-Mar-13	pond	Hills	-	5	0.002	-	-	8	7.7	-	-	-	-	-	-	-	-
Pond 1	B	3-Apr-13	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	17-Apr-13	pond	Hills	-	*5*	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	1-May-13	pond	Hills	-	*5*	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	15-May-13	discharge	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	29-May-13	discharge	Hills	-	*5*	0.003	-	-	9.1	9.9	-	-	-	-	-	-	-	-
Pond 1	B	12-Jun-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-Jun-13	discharge	Hills	-	*5*	0.009	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Jul-13	discharge	Hills	-	*5*	0.01	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	C	24-Jul-13	discharge	Hills	-	*5*	0.004	-	-	9.8	10	-	-	-	-	-	-	-	-
Pond 1	B	6-Aug-13	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	22-Aug-13	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	3-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	18-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	5.4	5.5	-	-	-	-	-	-	-	-
Pond 1	B	2-Oct-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Oct-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	30-Oct-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	12-Nov-13	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	26-Nov-13	pond	Hills	-	*5*	0.003	-	-	6.7	6.9	-	-	-	-	-	-	-	-
Pond 1	B	18-Dec-13	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	3-Jan-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	14-Jan-14	discharge	Hills	-	*5*	0.004	-	-	9.5	9.5	-	-	-	-	-	-	-	-
Pond 1	B	30-Jan-14	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	13-Feb-14	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Feb-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	11-Mar-14	pond	Hills	-	*5*	*0.002*	-	-	9.4	9	-	-	-	-	-	-	-	-
Pond 1	B	25-Mar-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Apr-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	28-Apr-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-May-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	21-May-14	discharge	Hills	-	*5*	*0.002*	-	-	8.8	8.5	-	-	-	-	-	-	-	-
Pond 1	B	4-Jun-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Jun-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	2-Jul-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	15-Jul-14	discharge	Hills	-	*5*	*0.002*	-	-	7.3	7	-	-	-	-	-	-	-	-
Pond 1	B	30-Jul-14	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	14-Aug-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	25-Aug-14	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-Sep-14	discharge	Hills	-	*5*	0.007	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	23-Sep-14	discharge	Hills	-	*5*	0.006	-	-	7.5	7.6	-	-	-	-	-	-	-	-
Pond 1	B	7-Oct-14	discharge	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Oct-14	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	4-Nov-14	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	19-Nov-14	discharge	Hills	-	*5*	0.002	-	-	8.2	8.5	-	-	-	-	-	-	-	-
Pond 1	B	1-Dec-14	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Dec-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Jan-15	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	19-Jan-15	pond	Hills	-	*5*	0.002	-	-	9	9.4	-	-	-	-	-	-	-	-
Pond 1	B	29-Jan-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Feb-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Feb-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	12-Mar-15	pond	Hills	-	*5*	*0.003*	-	-	9.2	10.1	-	-	-	-	-	-	-	-
Pond 1	B	26-Mar-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	9-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-May-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	19-May-15	discharge	Hills	-	*5*	0.002	-	-	9.9	10.7	-	-	-	-	-	-	-	-
Pond 1	B	3-Jun-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	16-Jun-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	29-Jun-15	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	14-Jul-15	discharge	Hills	-	*5*	*0.002*	-	-	8.4	9.1	-	-	-	-	-	-	-	-
Pond 1	B	30-Jul-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	12-Aug-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Aug-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	8-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	22-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	6.5	6.3	-	-	-	-	-	-	-	-
Pond 1	B	8-Oct-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Oct-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	4-Nov-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	17-Nov-15	discharge	Hills	-	*5*	*0.02*	-	-	6.5	6.5	-	-	-	-	-	-	-	-
Pond 1	B	30-Nov-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	15-Dec-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	20-Jan-16	discharge	Hills	-	*5*	*0.02*	-	-	7	7.2	-	-	-	-	-	-	-	-
Pond 1	B	27-Jan-16	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Feb-16	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	24-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	9-Mar-16	discharge	Hills	-	*5*	*0.02*	-	-	9	9.3	-	-	-	-	-	-	-	-
Pond 1	B	23-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	6-Apr-16	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	3-May-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	18-May-16	pond	Hills	-	-	-	-	-	11	9.8	-	-	-	-	-	-	-	-
Pond 1	B	3-Jun-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Jun-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	29-Jun-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	13-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	H	12-Aug-16	discharge	Hills	*3*	*5*	*0.02*	-	-	5.3	5.3	-	-	-	-	-	-	-	-
Pond 1	B	25-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	7-Sep-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	22-Sep-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	4-Oct-16	discharge	Hills	4	-	-	-	-	5.7	5.6	-	-	-	-	-	-	-	-
Pond 1	B	20-Oct-16	Pond	Hills	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	3-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	22-Nov-16	pond	Hills	2	-	-	-	-	7.1	7.3	-	-	-	-	-	-	-	-
Pond 1	B	30-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	13-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	C	12-Jan-17	pond	Hills	*2*	-	-	-	-	7.5	7.4	-	-	-	-	-	-	-	-
Pond 1	B	31-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	H	9-Feb-17	Pond	Hills	*2*	*5*	*0.02*	-	-	7.4	7.1	-	-	-	-	-	-	-	-
Pond 1	B	22-Feb-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	22-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	3-Apr-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	20-Apr-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	5-May-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	31-May-17	Pond		*2*	-	-	-	-	6.2	6.3	-	-	-	-	-	-	-	-
Pond 1	B	13-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-Jul-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	27-Jul-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	15-Aug-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	H	30-Aug-17	Dicharge	Hills	6	*5*	*0.02*	-	-	6.6	6.7	-	-	-	-	-	-	-	-
Pond 1	B	14-Sep-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	28-Sep-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	11-Oct-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	26-Oct-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	9-Nov-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	C	23-Nov-17	Pond	Hill	3	-	-	-	-	7.1	7.1	-	-	-	-	-	-	-	-
Pond 1	B	6-Dec-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	21-Dec-17	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	H	8-Feb-18	Pond	Hills	*2*	*5*	*0.02*	-	-	7	6.7	-	-	-	-	-	-	-	-
Pond 1	B	28-Feb-18	Pond	Hill	-	-	-	-	-	-	-	1.6	0.36	0.041	0.41	-	-	-	-
Pond 1	B	8-Mar-18	Pond	Hill	-	-	-	-	-	-	-	1.6	0.2	0.024	0.22	-	-	-	-
Pond 1	B	29-Mar-18	Pond	Hill	-	-	-	-	-	-	-	1.3	0.056	0.74	0.79	-	-	-	-
Pond 1	B	12-Apr-18	Pond	Hill	-	-	-	-	-	-	-	1.4	0.02	0.44	0.46	-	-	-	-
Pond 1	B	24-Apr-18	Pond	Hill	-	-	-	-	-	-	-	1.6	0.092	0.71	0.81	-	-	-	-
Pond 1	B	9-May-18	Pond	Hill	-	-	-	-	-	-	-	1.7	0.041	0.27	0.31	-	-	-	-
Pond 1	C	29-May-18	Pond	Hill	*2*	-	-	-	-	7.4	7.1	1.6	0.071	1.38	1.45	*0.06*	*0.2*	*0.4*	*0.7*
Pond 1	B	14-Jun-18	Pond	Hill	-	-	-	-	-	-	-	1.2	0.089	0.94	1.03	-	-	-	-
Pond 1	B	28-Jun-18	Pond	Hill	-	-	-	-	-	-	-	1	0.029	0.79	0.82	-	-	-	-
Pond 1	B	16-Jul-18	Pond	Hill	-	-	-	-	-	-	-	1	0.048	0.72	0.77	-	-	-	-
Pond 1	C	18-Jul-18	Pond	Hill	*3*	-	-	-	-	5.1	4.8	1	0.065	0.39	0.46	*0.06*	*0.2*	*0.4*	*0.7*
Pond 1	B	26-Jul-18	Pond	Hill	-	-	-	-	-	-	-	1.3	0.043	0.076	0.12	-	-	-	-
Pond 1	B	9-Aug-18	Pond	Hill	-	-	-	-	-	-	-	1.4	0.042	0.87	0.91	-	-	-	-
Pond 1	H	23-Aug-18	Pond	Hill	*2*	*5*	*0.02*	-	-	6.6	6.6	1.3	0.04	0.97	1.02	*0.06*	*0.2*	*0.4*	*0.7*
Pond 1	B	11-Sep-18	Discharge	Hill	-	-	-	-	-	-	-	1.3	0.019	0.34	0.36	-	-	-	-
Pond 1	B	25-Sep-18	Pond	Hill	-	-	-	-	-	-	-	1.3	0.008	0.23	0.24	-	-	-	-
Pond 1	B	9-Oct-18	Pond	Hill	-	-	-	-	-	-	-	1.5	0.003	0.033	0.036	-	-	-	-
Pond 1	B	23-Oct-18	Pond	Hill	-	-	-	-	-	-	-	1.7	*0.002*	*0.002*	*0.002*	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absortion Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	6-Nov-18	Pond	Hill	-	-	-	-	-	-	-	1.4	0.002	0.014	0.016	-	-	-	-
Pond 1	C	20-Nov-18	Pond	Hill	2	-	-	-	-	7.2	7.2	1.7	0.002	0.002	0.002	0.06	0.2	0.4	0.7
Pond 1	B	6-Dec-18	Discharge	Hill	-	-	-	-	-	-	-	1.3	0.025	0.3	0.33	-	-	-	-
Pond 1	B	20-Dec-18	Pond	Hill	-	-	-	-	-	-	-	1.9	0.002	0.002	0.002	-	-	-	-
Pond 1	B	8-Jan-19	Pond	Hill	-	-	-	-	-	-	-	2.7	0.002	0.002	0.002	-	-	-	-
Pond 1	B	22-Jan-19	Pond	Hill	-	-	-	-	-	-	-	2.9	0.008	0.05	0.058	-	-	-	-
Pond 1	H	7-Feb-19	Pond	Hill	2	5	0.02	-	-	6.9	7	3.2	0.002	0.002	0.002	0.06	0.2	0.4	0.7
Pond 1	B	20-Feb-19	Pond	Hill	-	-	-	-	-	-	-	3.3	0.002	0.002	0.002	-	-	-	-
Pond 1	B	7-Mar-19	Pond	Hill	-	-	-	-	-	-	-	3.4	0.002	0.002	0.002	-	-	-	-
Pond 1	B	27-Mar-19	Pond	Hill	-	-	-	-	-	-	-	3.4	0.002	0.002	0.002	-	-	-	-
Pond 1	B	10-Apr-19	Pond	Hill	-	-	-	-	-	-	-	2.2	0.016	0.114	0.13	-	-	-	-
Pond 1	B	26-Apr-19	Pond	Hill	-	-	-	-	-	-	-	2.2	0.017	0.095	0.112	-	-	-	-
Pond 1	B	15-May-19	Pond	Hill	-	-	-	-	-	-	-	2.1	0.018	0.080	0.099	-	-	-	-
Pond 1	C	27-May-19	Pond	Hill	2	-	-	-	-	8.8	10.1	2	0.008	0.005	0.064	0.06	0.2	0.4	0.7
Pond 1	B	11-Jun-19	Discharge	Hill	-	-	-	-	-	-	-	1.4	0.015	0.24	0.26	-	-	-	-
Pond 1	B	25-Jun-19	Discharge	Hill	-	-	-	-	-	-	-	1.6	0.008	0.089	0.097	-	-	-	-
Pond 1	B	9-Jul-19	Pond	Hill	-	-	-	-	-	-	-	1.4	0.011	0.136	0.146	-	-	-	-
Pond 1	B	22-Jul-19	Pond	Hill	-	-	-	-	-	-	-	1.1	0.007	0.113	0.121	-	-	-	-
Pond 1	B	6-Aug-19	Pond	Hill	-	-	-	-	-	-	-	1.3	0.006	0.113	0.119	-	-	-	-
Pond 1	H	21-Aug-19	Discharge	Hill	2	5	0.02	-	-	8.9	8.8	1.2	0.009	0.138	0.147	0.06	0.2	0.4	0.7
Pond 1	B	3-Sep-19	Pond	Hill	-	-	-	-	-	-	-	1.2	0.006	0.095	0.100	-	-	-	-
Pond 1	B	18-Sep-19	Pond	Hill	-	-	-	-	-	-	-	1.2	0.025	0.33	0.35	-	-	-	-
Pond 1	B	1-Oct-19	Pond	Hill	-	-	-	-	-	-	-	1.3	0.011	0.11	0.121	-	-	-	-
Pond 1	B	18-Oct-19	Pond	Hill	-	-	-	-	-	-	-	1.1	0.023	0.126	0.149	-	-	-	-
Pond 1	B	5-Nov-19	Pond	Hill	-	-	-	-	-	-	-	1.6	0.002	0.002	0.002	-	-	-	-
Pond 1	C	19-Nov-19	Pond	Hill	2	-	-	-	-	5.7	6	1.6	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 1	B	2-Dec-19	Pond	Hill	-	-	-	-	-	-	-	1.8	0.002	0.002	0.002	-	-	-	-
Pond 1	B	17-Dec-19	Pond	Hill	-	-	-	-	-	-	-	2	0.002	0.002	0.002	-	-	-	-
Pond 1	B	7-Jan-20	Pond	Hill	-	-	-	-	-	-	-	2.1	0.002	0.002	0.004	-	-	-	-
Pond 1	B	22-Jan-20	Pond	Hill	-	-	-	-	-	-	-	2.1	0.002	0.002	0.002	-	-	-	-
Pond 1	H	5-Feb-20	Pond	Hill	3	5	0.02	-	-	7.7	7.9	2.1	0.002	0.006	0.007	0.1	0.2	0.4	0.7
Pond 1	B	25-Feb-20	Pond	Hill	-	-	-	-	-	-	-	2.3	0.002	0.002	0.002	-	-	-	-
Pond 1	B	10-Mar-20	Pond	Hill	-	-	-	-	-	-	-	2.3	0.002	0.002	0.002	-	-	-	-
Pond 1	B	23-Mar-20	Pond	Hill	-	-	-	-	-	-	-	2.3	0.002	0.003	0.003	-	-	-	-
Pond 1	B	6-Apr-20	Pond	Hill	-	-	-	-	-	-	-	2.2	0.002	0.002	0.002	-	-	-	-
Pond 1	B	22-Apr-20	Pond	Hill	-	-	-	-	-	-	-	2.1	0.002	0.002	0.002	-	-	-	-
Pond 1	C	11-May-20	Pond	Hill	2	-	-	-	-	7.7	8.1	1.8	0.011	0.030	0.041	0.1	0.2	0.4	0.7
Pond 1	B	26-May-20	Pond	Hill	-	-	-	-	-	-	-	1.7	0.007	0.022	0.028	-	-	-	-
Pond 1	B	9-Jun-20	Pond	Hill	-	-	-	-	-	-	-	1.6	0.076	0.73	0.81	-	-	-	-
Pond 1	B	23-Jun-20	Pond	Hill	-	-	-	-	-	-	-	1.7	0.053	0.76	0.82	-	-	-	-
Pond 1	B	8-Jul-20	Pond	Hill	-	-	-	-	-	-	-	1.2	0.043	0.76	0.81	-	-	-	-
Pond 1	B	23-Jul-20	Pond	Hill	-	-	-	-	-	-	-	1.2	0.068	1.01	1.08	-	-	-	-
Pond 1	B	11-Aug-20	Pond	Hill	-	-	-	-	-	-	-	1.4	0.058	1.19	1.24	-	-	-	-
Pond 1	H	25-Aug-20	Pond	Hill	2	5	0.02	-	-	7.6	7.3	1.1	0.081	1.16	1.24	0.1	0.2	0.4	0.7
Pond 1	C	7-Sep-20	Pond	Hill	2	-	-	-	-	7.9	8.1	1.4	0.079	1.93	2	0.1	0.2	0.4	0.7

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	22-Sep-20	Pond	Hill	-	-	-	-	-	-	-	1.7	0.032	1.57	1.6	-	-	-	-
Pond 1	B	6-Oct-20	Pond	Hill	-	-	-	-	-	-	-	1.8	0.012	0.47	0.48	-	-	-	-
Pond 1	B	20-Oct-20	Pond	Hill	-	-	-	-	-	-	-	1.9	0.003	0.011	0.014	-	-	-	-
Pond 1	C	4-Nov-20	Pond	Hill	*2*	-	-	-	-	7.5	7.8	1.8	*0.002*	0.007	0.008	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	18-Nov-20	Pond	Hill	-	-	-	-	-	-	-	1.3	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	2-Dec-20	Pond	Hill	-	-	-	-	-	-	-	1.4	0.002	*0.002*	0.004	-	-	-	-
Pond 1	B	17-Dec-20	Pond	Hill	-	-	-	-	-	-	-	2.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	11-Jan-21	Pond	Hill	-	-	-	-	-	-	-	3.3	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	25-Jan-21	Pond	Hill	-	-	-	-	-	-	-	3.4	*0.002*	0.002	0.003	-	-	-	-
Pond 1	H	10-Feb-21	Pond	Hill	*2*	*5*	*0.02*	-	-	10.4	11.6	3.7	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	24-Feb-21	Pond	Hill	-	-	-	-	-	-	-	3.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	9-Mar-21	Pond	Hill	-	-	-	-	-	-	-	3.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	25-Mar-21	Pond	Hill	-	-	-	-	-	-	-	3.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	8-Apr-21	Pond	Hill	-	-	-	-	-	-	-	3	*0.002*	0.014	0.014	-	-	-	-
Pond 1	B	22-Apr-21	Pond	Hill	-	-	-	-	-	-	-	3	*0.002*	0.004	0.006	-	-	-	-
Pond 1	B	6-May-21	Pond	Hill	-	-	-	-	-	-	-	2.7	*0.002*	0.019	0.021	-	-	-	-
Pond 1	C	20-May-21	Pond	Hill	*2*	-	-	-	-	9.2	9.7	2.5	*0.002*	0.003	0.003	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	3-Jun-21	Pond	Hill	-	-	-	-	-	-	-	2.4	*0.002*	0.016	0.017	-	-	-	-
Pond 1	B	17-Jun-21	Pond	Hill	-	-	-	-	-	-	-	2	0.053	0.31	0.36	-	-	-	-
Pond 1	B	1-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1.6	0.044	0.97	1.02	-	-	-	-
Pond 1	B	16-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1.6	0.003	0.54	0.55	-	-	-	-
Pond 1	H	2-Aug-21	Pond	Hill	3	*5*	*0.02*	-	-	6.6	6.9	1.2	0.02	0.57	0.59	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	16-Aug-21	Pond	Hill	-	-	-	-	-	-	-	1.2	0.024	0.80	0.820	-	-	-	-
Pond 1	B	30-Aug-21	Pond	Hill	-	-	-	-	-	-	-	1.3	0.002	0.22	0.220	-	-	-	-
Pond 1	B	13-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.8	0.002	0.034	0.036	-	-	-	-
Pond 1	B	27-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.029	0.320	0.350	-	-	-	-
Pond 1	B	11-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.9	0.018	0.290	0.300	-	-	-	-
Pond 1	B	26-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.6	0.011	0.138	0.149	-	-	-	-
Pond 1	C	8-Nov-21	Pond	Hill	*2*	-	-	-	-	5.5	5.7	0.9	0.009	0.130	0.138	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	23-Nov-21	Pond	Hill	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	7-Dec-21	Pond	Hill	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	20-Dec-21	Pond	Hill	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	6-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	20-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	3-Feb-22	Pond	Hill	-	-	-	-	-	-	-	1.7	*0.002*	0.010	0.011	-	-	-	-
Pond 1	H	17-Feb-22	Pond	Hill	*2*	*5*	*0.02*	-	-	5.1	5.6	1.5	*0.002*	0.030	0.032	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	7-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	22-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.5	0.002	*0.002*	0.004	-	-	-	-
Pond 1	B	5-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1	*0.002*	0.003	0.004	-	-	-	-
Pond 1	B	19-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1.2	0.006	0.031	0.037	-	-	-	-
Pond 1	C	9-May-22	Pond	Hill	*2*	-	-	-	-	6.6	6.8	1.2	*0.002*	0.007	0.008	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	23-May-22	Pond	Hill	-	-	-	-	-	-	-	1.2	*0.002*	0.005	0.006	-	-	-	-
Pond 1	B	8-Jun-22	Discharge	Hill	-	-	-	-	-	-	-	1.1	0.006	0.119	0.125	-	-	-	-
Pond 1	B	22-Jun-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.052	0.78	0.83	-	-	-	-
Pond 1	B	5-Jul-22	Pond	Hill	-	-	-	-	-	-	-	1	0.017	0.62	0.63	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	19-Jul-22	Discharge	Hill	-	-	-	-	-	-	-	0.8	0.097	0.56	0.66	-	-	-	-
Pond 1	H	1-Aug-22	Pond	Hill	*2*	*5*	*0.02*	-	-	5.4	5.4	0.8	0.063	1.31	1.37	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	15-Aug-22	Pond	Hill	-	-	-	-	-	-	-	0.8	0.07	1.36	1.43	-	-	-	-
Pond 1	B	29-Aug-22	Pond	Hill	-	-	-	-	-	-	-	1	0.046	1.72	1.76	-	-	-	-
Pond 1	B	12-Sep-22	Pond	Hill 3075387.1	-	-	-	-	-	-	-	0.8	0.009	0.51	0.52	-	-	-	-
Pond 1	B	27-Sep-22	Pond	Hill 3085123.1	-	-	-	-	-	-	-	1.1	0.012	1.18	1.2	-	-	-	-
Pond 1	B	10-Oct-22	Pond	Hill 3095159.1	-	-	-	-	-	-	-	1	0.043	0.86	0.91	-	-	-	-
Pond 1	B	25-Oct-22	Pond	Hill 3104306.1	-	-	-	-	-	-	-	1.2	0.005	0.52	0.52	-	-	-	-
Pond 1	C	8-Nov-22	Pond	Hill 3113136.1	2	-	-	-	-	4.8	4.9	0.8	0.005	0.049	0.054	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	22-Nov-22	Pond	Hill 3122370.1	-	-	-	-	-	-	-	0.7	0.01	0.07	0.08	-	-	-	-
Pond 1	B	6-Dec-22	Pond	Hill 3132692.1	-	-	-	-	-	-	-	0.9	0.003	0.058	0.061	-	-	-	-
Pond 1	B	22-Dec-22	Pond	Hill 3143778.1	-	-	-	-	-	-	-	0.9	0.011	0.110	0.121	-	-	-	-
Pond 1	B	9-Jan-23	Discharge	Hill 3149230.1	-	-	-	-	-	-	-	0.9	0.021	0.066	0.086	-	-	-	-
Pond 1	B	23-Jan-23	Pond	Hill 3159105.1	-	-	-	-	-	-	-	0.9	0.002	0.007	0.009	-	-	-	-
Pond 1	H	7-Feb-23	Pond	Hill 3168184.1	*2*	*5*	*0.02*	-	-	4.1	4.2	0.6	0.034	0.143	0.177	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	22-Feb-23	Pond	Hill 3182080.1	-	-	-	-	-	-	-	0.5	0.015	0.192	0.210	-	-	-	-
Pond 1	B	6-Mar-23	Pond	Hill 3196731.1	-	-	-	-	-	-	-	0.4	0.010	0.170	0.180	-	-	-	-
Pond 1	B	21-Mar-23	Pond	Hill 3212032.1	-	-	-	-	-	-	-	0.6	*0.002*	0.005	0.007	-	-	-	-
Pond 1	B	7-Apr-23	Pond	Hill 3233901.1	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	0.003	-	-	-	-
Pond 1	B	21-Apr-23	Pond	Hill 3252438.1	-	-	-	-	-	-	-	0.8	0.003	0.010	0.012	-	-	-	-
Pond 1	C	12-May-23	Pond	Hill 3275086.4	*2*	-	-	-	-	3	3.1	0.5	0.009	0.083	0.092	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	30-May-23	Pond	Hill 3290923.1	-	-	-	-	-	-	-	0.7	0.008	0.020	0.029	-	-	-	-
Pond 1	B	15-Jun-23	Pond	Hill 3302102.1	-	-	-	-	-	-	-	0.8	*0.004*	0.057	0.062	-	-	-	-
Pond 1	B	22-Jun-23	Pond	Hill 3307617.1	-	-	-	-	-	-	-	0.8	0.006	0.07	0.075	-	-	-	-
Pond 1	B	12-Jul-23	Pond	Hill 3315667.1	-	-	-	-	-	-	-	0.6	0.011	0.086	0.097	-	-	-	-
Pond 1	B	20-Jul-23	Pond	Hill 3326110.1	-	-	-	-	-	-	-	0.7	0.005	0.07	0.076	-	-	-	-
Pond 1	B	10-Aug-23	Pond	Hill 3340739.1	-	-	-	-	-	-	-	0.9	*0.002*	0.006	0.008	-	-	-	-
Pond 1	B	18-Aug-23	Pond	Hill 3345212.1	-	-	-	-	-	-	-	0.9	*0.002*	0.007	0.008	-	-	-	-
Pond 1	B	7-Sep-23	Pond	Hill 3360107.1	-	-	-	-	-	-	-	0.8	*0.01*	0.092	0.103	-	-	-	-
Pond 1	B	13-Sep-23	Pond	Hill 3363106.1	-	-	-	-	-	-	-	0.9	*0.008*	0.086	0.095	-	-	-	-
Pond 1	B	6-Oct-23	Pond	Hills 3381015.1	-	-	-	-	-	-	-	1.6	0.005	0.019	0.460	-	-	-	-
Pond 1	B	12-Oct-23	Pond	Hills 3383860.1	-	-	-	-	-	-	-	0.9	0.01	0.041	0.051	-	-	-	-
Pond 1	B	3-Nov-23	Pond	Hills 3399556.1	-	-	-	-	-	-	-	1.1	0.033	0.137	0.170	-	-	-	-
Pond 1	H	8-Nov-23	Pond	Hills 3403609.1	*2*	*5*	*0.02*	-	-	5.3	5.7	1	0.067	0.175	0.240	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	24-Nov-23	Pond	Hills 3414745.1	-	-	-	-	-	-	-	1	0.016	0.129	0.145	-	-	-	-
Pond 1	C	25-Nov-23	Pond	Hills 3414776.1	*3*	-	-	-	-	5.6	6	1	0.017	0.167	0.184	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	8-Nov-23	Pond	Hills 3424896.1	-	-	-	-	-	-	-	1.1	0.013	0.081	0.094	-	-	-	-
Pond 1	B	21-Dec-23	Pond	Hills 3434878.1	-	-	-	-	-	-	-	1.2	0.006	0.071	0.077	-	-	-	-
Pond 1	B	8-Jan-24	Pond	Hills 3440416.1	-	-	-	-	-	-	-	0.9	0.031	0.35	0.380	-	-	-	-
Pond 1	B	18-Jan-24	Pond	Hills 3447519.1	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	H	5-Feb-24	Pond	Hills 3459798.1	4	*5*	*0.02*	-	-	4.5	5.1	1.3	*0.002*	*0.002*	0.003	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	15-Feb-24	Pond	Hills 3468936.1	-	-	-	-	-	-	-	1.5	*0.002*	0.004	0.006	-	-	-	-
Pond 1	B	29-Feb-24	Pond	Hills 3482686.1	-	-	-	-	-	-	-	1.6	*0.002*	0.006	0.007	-	-	-	-
Pond 1	B	13-Mar-24	Pond	Hills 3499045.1	-	-	-	-	-	-	-	1.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 1	B	27-Mar-24	Pond	Hills 3522038.1	-	-	-	-	-	-	-	0.7	0.005	0.043	0.048	-	-	-	-

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 1	B	12-Apr-24	Pond	Hills 3541327.1	-	-	-	-	-	-	-	1.5	*0.002*	0.015	0.016	-	-	-	-
Pond 1	B	24-Apr-24	Pond	Hills 3559570.1	-	-	-	-	-	-	-	1.1	0.044	0.97	1.010	-	-	-	-
Pond 1	B	9-May-24	Pond	Hills 3577819.1	-	-	-	-	-	-	-	1.1	0.003	0.3	0.300	-	-	-	-
Pond 1	C	27-May-24	Pond	Hills 3593002.1	*2*	-	-	-	-	5.8	6.2	0.9	0.021	0.45	0.470	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	11-Jun-24	Pond	Hills 3604225.1	-	-	-	-	-	-	-	1	0.126	0.66	0.790	-	-	-	-
Pond 1	B	24-Jun-24	Pond	Hills 3614230.1	-	-	-	-	-	-	-	1.4	0.016	0.033	0.049	-	-	-	-
Pond 1	B	5-Jul-24	Pond	Hills 3621553.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 1	B	18-Jul-24	Pond	Hills 3632050.1	-	-	-	-	-	-	-	1	0.029	0.67	0.700	-	-	-	-
Pond 1	H	2-Aug-24	Pond	Hills 3641802.1	*2*	*5*	*0.02*	-	-	6	5.9	0.9	0.009	0.032	0.041	*0.1*	*0.2*	*0.4*	*0.7*
Pond 1	B	16-Aug-24	Pond	Hills 3651692.1	-	-	-	-	-	-	-	1.1	0.009	0.037	0.046	-	-	-	-
Pond 1	B	29-Aug-24	Pond	Hills 3660407.1	-	-	-	-	-	-	-	1.4	0.016	0.088	0.104	-	-	-	-
Pond 1	B	12-Sep-24	Pond	Hills 3671006.1	-	-	-	-	-	-	-	0.9	0.02	0.141	0.160	-	-	-	-
Pond 1	B	26-Sep-24	Pond	Hills 3681023.1	-	-	-	-	-	-	-	0.9	0.007	0.028	0.036	-	-	-	-
Pond 1	B	10-Oct-24	Pond	Hills 3691499.1	-	-	-	-	-	-	-	0.9	0.012	0.072	0.084	-	-	-	-
Pond 2	B	12-Jan-05	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Jan-05	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	9-Feb-05	discharge	Hills	-	<5	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Feb-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Mar-05	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Mar-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-Apr-05	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	20-Apr-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-May-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	18-May-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	1-Jun-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	15-Jun-05	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	30-Jun-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Jul-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	27-Jul-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Aug-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	24-Aug-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	7-Sep-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Sep-05	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Oct-05	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	19-Oct-05	discharge	Hills	-	<5	0.002	-	-	4.35	4.45	-	-	-	-	-	-	-	-
Pond 2	B	2-Nov-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	16-Nov-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	30-Nov-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	7-Dec-05	pond	Hills	-	<5	0.002	-	-	3.31	3.37	-	-	-	-	-	-	-	-
Pond 2	B	21-Dec-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-Jan-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	25-Jan-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	8-Feb-06	discharge	Hills	-	<5	<0.002	-	-	3.31	3.37	-	-	-	-	-	-	-	-
Pond 2	B	22-Feb-06	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	8-Mar-06	pond	Hills	-	<5	0.004	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	22-Mar-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Apr-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	19-Apr-06	discharge	Hills	-	<5	0.002	-	-	7.86	8.12	-	-	-	-	-	-	-	-
Pond 2	B	3-May-06	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	17-May-06	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	31-May-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	14-Jun-06	pond	Hills	-	<5	0.002	-	-	5.38	5.29	-	-	-	-	-	-	-	-
Pond 2	B	28-Jun-06	discharge	Hills	-	<5	0.001	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	12-Jul-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Jul-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Aug-06	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	23-Aug-06	discharge	Hills	-	< 5	0.004	-	-	4.97	4.78	-	-	-	-	-	-	-	-
Pond 2	B	5-Sep-06	discharge	Hills	-	<5	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	19-Sep-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Oct-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	18-Oct-06	discharge	Hills	-	< 5	< 0.002	-	-	3.15	3.1	-	-	-	-	-	-	-	-
Pond 2	B	1-Nov-06	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	14-Nov-06	discharge	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	29-Nov-06	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	6-Dec-06	discharge	Hills	-	< 5	0.003	-	-	3.68	3.69	-	-	-	-	-	-	-	-
Pond 2	B	20-Dec-06	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Jan-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Jan-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	7-Feb-07	pond	Hills	-	< 5	0.003	-	-	3.66	3.27	-	-	-	-	-	-	-	-
Pond 2	B	21-Feb-07	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	7-Mar-07	pond	Hills	-	< 5	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Mar-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Apr-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	18-Apr-07	discharge	Hills	-	< 5	0.003	-	-	5.63	4.94	-	-	-	-	-	-	-	-
Pond 2	B	2-May-07	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	16-May-07	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	13-Jun-07	pond	Hills	-	< 5	< 0.002	-	-	6.45	6.15	-	-	-	-	-	-	-	-
Pond 2	B	27-Jun-07	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-Jul-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Jul-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	8-Aug-07	discharge	Hills	-	6	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	22-Aug-07	pond	Hills	-	< 5	0.002	-	-	3.89	3.78	-	-	-	-	-	-	-	-
Pond 2	B	5-Sep-07	discharge	Hills	-	6	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	19-Sep-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	3-Oct-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	17-Oct-07	pond	Hills	-	< 5	0.002	-	-	3.51	3.31	-	-	-	-	-	-	-	-
Pond 2	B	31-Oct-07	discharge	Hills	-	< 5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Nov-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	28-Nov-07	discharge	Hills	-	< 5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	5-Dec-07	discharge	Hills	-	< 5.0	< 0.0020	-	-	3	3	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	19-Dec-07	discharge	Hills	-	7.2	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Jan-08	discharge	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Jan-08	pond	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	5-Feb-08	discharge	Hills	-	< 5.0	0.0038	-	-	5.4	5.8	-	-	-	-	-	-	-	-
Pond 2	B	20-Feb-08	discharge	Hills	-	< 5	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Mar-08	discharge	Hills	-	< 5.0	0.0035	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	19-Mar-08	discharge	Hills	-	< 5.0	0.0035	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	2-Apr-08	discharge	Hills	-	< 5.0	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	15-Apr-08	discharge	Hills	-	< 5.0	0.0025	-	-	4.9	4.6	-	-	-	-	-	-	-	-
Pond 2	B	30-Apr-08	discharge	Hills	-	< 5.0	0.0021	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	14-May-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	28-May-08	discharge	Hills	-	< 5.0	0.0027	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	11-Jun-08	discharge	Hills	-	< 5.0	0.004	-	-	6.1	5.1	-	-	-	-	-	-	-	-
Pond 2	B	25-Jun-08	discharge	Hills	-	< 5.0	0.0041	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Jul-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Jul-08	discharge	Hills	-	< 5.0	0.0021	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-Aug-08	discharge	Hills	-	< 5.0	0.0027	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	20-Aug-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	2.8	3.9	-	-	-	-	-	-	-	-
Pond 2	B	3-Sep-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	16-Sep-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	1-Oct-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	15-Oct-08	pond	Hills	-	< 5.0	< 0.0020	-	-	4.6	4.5	-	-	-	-	-	-	-	-
Pond 2	B	29-Oct-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-Nov-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Nov-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	3-Dec-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	3.5	3.1	-	-	-	-	-	-	-	-
Pond 2	B	17-Dec-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	7-Jan-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Jan-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	4-Feb-09	pond	Hills	-	< 5.0	0.002	-	-	4.6	4.4	-	-	-	-	-	-	-	-
Pond 2	B	18-Feb-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Mar-09	discharge	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	18-Mar-09	discharge	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	1-Apr-09	discharge	Hills	-	< 5.0	0.0026	-	-	3.2	3	-	-	-	-	-	-	-	-
Pond 2	B	15-Apr-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	29-Apr-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	12-May-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	27-May-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	10-Jun-09	discharge	Hills	-	< 5.0	0.0026	-	-	5.2	5	-	-	-	-	-	-	-	-
Pond 2	B	24-Jun-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	8-Jul-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	22-Jul-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	5-Aug-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	4.1	4	-	-	-	-	-	-	-	-
Pond 2	B	18-Aug-09	discharge	Hills	-	< 5.0	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	2-Sep-09	discharge	Hills	-	< 5.0	0.0027	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	15-Sep-09	discharge	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	30-Sep-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	3.4	3.1	-	-	-	-	-	-	-	-
Pond 2	B	14-Oct-09	discharge	Hills	-	< 5.0	0.0024	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	28-Oct-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Nov-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	25-Nov-09	discharge	Hills	-	< 5.0	0.0039	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	2-Dec-09	pond	Hills	-	< 5.0	< 0.0020	-	-	3.9	4	-	-	-	-	-	-	-	-
Pond 2	B	16-Dec-09	discharge	Hills	-	< 5.0	0.0038	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	8-Jan-10	pond	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	20-Jan-10	pond	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	3-Feb-10	pond	Hills	-	< 5.0	0.004	-	-	3.9	3.6	-	-	-	-	-	-	-	-
Pond 2	B	17-Feb-10	pond	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	3-Mar-10	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-May-10	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	9-Jun-10	pond	Hills	-	< 5	0.004	-	-	6.2	6.2	-	-	-	-	-	-	-	-
Pond 2	B	23-Jun-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	7-Jul-10	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Jul-10	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	4-Aug-10	discharge	Hills	-	< 5	0.002	-	-	5.2	5.1	-	-	-	-	-	-	-	-
Pond 2	B	18-Aug-10	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	1-Sep-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	14-Sep-10	discharge	Hills	-	< 5	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	27-Sep-10	discharge	Hills	-	< 5	< 0.002	-	-	5.9	5.7	-	-	-	-	-	-	-	-
Pond 2	B	13-Oct-10	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	27-Oct-10	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Nov-10	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Nov-10	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	1-Dec-10	pond	Hills	-	< 5	0.003	-	-	6.9	6.6	-	-	-	-	-	-	-	-
Pond 2	B	15-Dec-10	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Jan-11	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	19-Jan-11	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	(F)	25-Jan-11	SP2A pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	2-Feb-11	discharge	Hills	-	< 5	0.004	-	-	5.1	5	-	-	-	-	-	-	-	-
Pond 2	B	16-Feb-11	discharge	Hills	-	< 5	0.007	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	2-Mar-11	de-silting	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	30-Mar-11	discharge	Hills	-	< 5	0.003	-	-	5.7	5.3	-	-	-	-	-	-	-	-
Pond 2	B	13-Apr-11	de-silting	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	28-Apr-11	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-May-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	25-May-11	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	8-Jun-11	discharge	Hills	-	< 5	0.003	-	-	4.5	4.7	-	-	-	-	-	-	-	-
Pond 2	B	22-Jun-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-Jul-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	20-Jul-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	3-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	3.8	3.8	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	17-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	31-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	14-Sep-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	28-Sep-11	discharge	Hills	-	< 5	< 0.002	-	-	4.9	5.2	-	-	-	-	-	-	-	-
Pond 2	B	12-Oct-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Oct-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Nov-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	22-Nov-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	30-Nov-11	pond	Hills	-	< 5	< 0.002	-	-	2.7	2.7	-	-	-	-	-	-	-	-
Pond 2	B	14-Dec-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Jan-12	discharge	Hills	-	< 5	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	18-Jan-12	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	1-Feb-12	discharge	Hills	-	< 5	0.003	-	-	4.4	4.2	-	-	-	-	-	-	-	-
Pond 2	B	15-Feb-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	29-Feb-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	14-Mar-12	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	28-Mar-12	discharge	Hills	-	< 5	0.003	-	-	4.2	4	-	-	-	-	-	-	-	-
Pond 2	B	11-Apr-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Apr-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-May-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-May-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	6-Jun-12	discharge	Hills	-	< 5	< 0.002	-	-	4.5	4.6	-	-	-	-	-	-	-	-
Pond 2	B	20-Jun-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Jul-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	18-Jul-12	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	1-Aug-12	pond	Hills	-	< 5	< 0.002	-	-	2.9	2.8	-	-	-	-	-	-	-	-
Pond 2	B	15-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	29-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	12-Sep-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	26-Sep-12	discharge	Hills	-	< 5	0.002	-	-	3	2.8	-	-	-	-	-	-	-	-
Pond 2	B	10-Oct-12	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Oct-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	7-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	5-Dec-12	pond	Hills	-	5	0.002	-	-	2	2.1	-	-	-	-	-	-	-	-
Pond 2	B	19-Dec-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Jan-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	23-Jan-13	pond	Hills	-	5	0.002	-	-	2.9	2.7	-	-	-	-	-	-	-	-
Pond 2	B	5-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	20-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-Mar-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	20-Mar-13	pond	Hills	-	5	0.002	-	-	2.7	2.7	-	-	-	-	-	-	-	-
Pond 2	B	3-Apr-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	17-Apr-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	1-May-13	pond	Hills	-	5	0.003	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	15-May-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	29-May-13	discharge	Hills	-	*5*	0.002	-	-	6.9	7.7	-	-	-	-	-	-	-	-
Pond 2	B	12-Jun-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Jun-13	discharge	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Jul-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	24-Jul-13	discharge	Hills	-	*5*	*0.002*	-	-	6.7	6.9	-	-	-	-	-	-	-	-
Pond 2	B	6-Aug-13		Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	20-Aug-13		Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	3-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	18-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	4.3	4.4	-	-	-	-	-	-	-	-
Pond 2	B	2-Oct-13	discharge	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	16-Oct-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	30-Oct-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	12-Nov-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	26-Nov-13	pond	Hills	-	*5*	*0.002*	-	-	1.68	1.75	-	-	-	-	-	-	-	-
Pond 2	B	18-Dec-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	3-Jan-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	14-Jan-14	pond	Hills	-	*5*	*0.002*	-	-	2.1	2.2	-	-	-	-	-	-	-	-
Pond 2	B	30-Jan-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Feb-14	pond	Hills	-	*5*	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	27-Feb-14	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	11-Mar-14	pond	Hills	-	*5*	*0.002*	-	-	2.3	2.3	-	-	-	-	-	-	-	-
Pond 2	B	25-Mar-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Apr-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	28-Apr-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-May-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	21-May-14	pond	Hills	-	*5*	*0.002*	-	-	3.1	3	-	-	-	-	-	-	-	-
Pond 2	B	5-Jun-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	18-Jun-14	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	2-Jul-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	15-Jul-14	discharge	Hills	-	*5*	0.002	-	-	5.2	5.2	-	-	-	-	-	-	-	-
Pond 2	B	30-Jul-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	14-Aug-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	25-Aug-14	discharge	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-Sep-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	23-Sep-14	discharge	Hills	-	*5*	*0.002*	-	-	4.7	4.7	-	-	-	-	-	-	-	-
Pond 2	B	7-Oct-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	16-Oct-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Nov-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	19-Nov-14	discharge	Hills	-	*5*	*0.002*	-	-	4.4	4.6	-	-	-	-	-	-	-	-
Pond 2	B	1-Dec-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Dec-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Jan-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	19-Jan-15	pond	Hills	-	*5*	*0.002*	-	-	4.2	4.4	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	29-Jan-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Feb-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Feb-15	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	12-Mar-15	pond	Hills	-	*5*	0.003	-	-	5.2	5.6	-	-	-	-	-	-	-	-
Pond 2	B	26-Mar-15	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Apr-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-May-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	19-May-15	discharge	Hills	-	*5*	*0.002*	-	-	7.3	7.7	-	-	-	-	-	-	-	-
Pond 2	B	3-Jun-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	16-Jun-15	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	29-Jun-15	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	14-Jul-15	discharge	Hills	-	*5*	*0.002*	-	-	6.7	7.1	-	-	-	-	-	-	-	-
Pond 2	B	30-Jul-15	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	12-Aug-15	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Aug-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	8-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	22-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	4.5	4.5	-	-	-	-	-	-	-	-
Pond 2	B	8-Oct-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Oct-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Nov-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	17-Nov-15	discharge	Hills	-	*5*	*0.02*	-	-	2.9	2.9	-	-	-	-	-	-	-	-
Pond 2	B	30-Nov-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	15-Dec-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	12-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	3.5	3.3	-	-	-	-	-	-	-	-
Pond 2	B	27-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	24-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	9-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	4.4	4.5	-	-	-	-	-	-	-	-
Pond 2	B	23-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-Apr-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	3-May-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	18-May-16	pond	Hills	-	-	-	-	-	5.2	5.5	-	-	-	-	-	-	-	-
Pond 2	B	3-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	18-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	29-Jun-16	discharg	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Jul-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	H	12-Aug-16	discharge	Hills	*3*	-	*0.02*	-	-	4.2	4	-	-	-	-	-	-	-	-
Pond 2	B	25-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	7-Sep-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	22-Sep-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	4-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	20-Oct-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	3-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	22-Nov-16	Pond	Hills	4	-	-	-	-	2.3	2.4	-	-	-	-	-	-	-	-
Pond 2	B	30-Nov-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	O&G	12-Dec-16	Pond	Hills	*2*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	13-Dec-16	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	12-Jan-17	Pond	Hills	*2*	-	-	-	-	3.1	3.2	-	-	-	-	-	-	-	-
Pond 2	B	31-Jan-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	H	9-Feb-17	Pond	Hills	*2*	*5*	*0.02*	-	-	5.6	5.5	-	-	-	-	-	-	-	-
Pond 2	B	22-Feb-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	22-Mar-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	3-Apr-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	20-Apr-17	Discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	5-May-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	31-May-17	Pond	Hills	*2*	-	-	-	-	3.6	3.8	-	-	-	-	-	-	-	-
Pond 2	B	13-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	27-Jun-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-Jul-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	27-Jul-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	15-Aug-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	H	30-Aug-17	Pond	Hills	*2*	*5*	*0.02*	-	-	4.4	4.5	-	-	-	-	-	-	-	-
Pond 2	B	14-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	28-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	11-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	26-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	9-Nov-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	C	23-Nov-17	Pond	Hills	*2*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	6-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	21-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 2	H	8-Feb-18	Pond	Hills	*2*	*5*	*0.02*	-	-	4.9	4.9	-	-	-	-	-	-	-	-
Pond 2	B	28-Feb-18	Pond	Hills	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	8-Mar-18	Pond	Hills	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	29-Mar-18	Pond	Hills	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	12-Apr-18	Pond	Hills	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	24-Apr-18	Pond	Hills	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	9-May-18	Pond	Hills	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	C	29-May-18	Pond	Hills	*2*	-	-	-	-	5.1	5.1	0.7	0.023	0.25	0.27	*0.06*	*0.2*	*0.4*	*0.7*
Pond 2	B	14-Jun-18	discharge	Hills	-	-	-	-	-	-	-	0.7	*0.022*	*0.33*	*0.35*	-	-	-	-
Pond 2	B	28-Jun-18	Pond	Hills	-	-	-	-	-	-	-	0.6	0.01	0.33	0.34	-	-	-	-
Pond 2	B	16-Jul-18	Pond	Hills	-	-	-	-	-	-	-	0.4	0.002	0.002	0.004	-	-	-	-
Pond 2	B	26-Jul-18	discharge	Hills	-	-	-	-	-	-	-	*0.4*	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	9-Aug-18	Pond	Hills	-	-	-	-	-	-	-	*0.4*	*0.002*	*0.002*	*0.002*	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absortion Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	H	23-Aug-18	Pond	Hills	< 3	5	0.02	-	-	4.4	4.5	0.4	0.002	0.004	0.005	0.06	0.2	0.4	0.7
Pond 2	B	11-Sep-18	Pond	Hills	-	-	-	-	-	-	-	0.4	0.002	0.002	0.002	-	-	-	-
Pond 2	B	25-Sep-18	Pond	Hills	-	-	-	-	-	-	-	0.5	0.002	0.002	0.002	-	-	-	-
Pond 2	B	9-Oct-18	Pond	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	B	23-Oct-18	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	6-Nov-18	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	C	20-Nov-18	Pond	Hills	3	-	-	-	-	2.4	2.5	0.7	0.002	0.002	0.003	0.06	0.2	0.4	0.7
Pond 2	B	6-Dec-18	Discharge	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	B	20-Dec-18	Pond	Hills	-	-	-	-	-	-	-	0.6	0.003	0.002	0.004	-	-	-	-
Pond 2	B	8-Jan-19	Discharge	Hills	-	-	-	-	-	-	-	0.4	0.002	0.002	0.002	-	-	-	-
Pond 2	B	22-Jan-19	Pond	Hills	-	-	-	-	-	-	-	0.5	0.002	0.002	0.002	-	-	-	-
Pond 2	H	7-Feb-19	Pond	Hills	2	5	0.02	-	-	3.6	4	0.5	0.002	0.002	0.002	0.06	0.2	0.4	0.7
Pond 2	B	20-Feb-19	Pond	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	B	7-Mar-19	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	27-Mar-19	Pond	Hills	-	-	-	-	-	-	-	0.8	0.002	0.003	0.003	-	-	-	-
Pond 2	B	10-Apr-19	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	26-Apr-19	Pond	Hills	-	-	-	-	-	-	-	0.8	0.002	0.002	0.002	-	-	-	-
Pond 2	B	15-May-19	Pond	Hills	-	-	-	-	-	-	-	0.9	0.002	0.006	0.008	-	-	-	-
Pond 2	C	27-May-19	Pond	Hills	2	-	-	-	-	3.4	3.8	0.9	0.002	0.005	0.007	0.06	0.2	0.4	0.7
Pond 2	B	11-Jun-19	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	25-Jun-19	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	9-Jul-19	Discharge	Hills	-	-	-	-	-	-	-	0.6	0.004	0.016	0.020	-	-	-	-
Pond 2	B	22-Jul-19	Discharge	Hills	-	-	-	-	-	-	-	0.6	0.004	0.007	0.011	-	-	-	-
Pond 2	B	6-Aug-19	Discharge	Hills	-	-	-	-	-	-	-	0.6	0.002	0.007	0.008	-	-	-	-
Pond 2	H	21-Aug-19	Pond	Hills	2	5	0.02	-	-	5.9	5.9	0.6	0.002	0.002	0.002	0.06	0.2	0.4	0.7
Pond 2	B	3-Sep-19	Pond	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	B	18-Sep-19	Pond	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	B	1-Oct-19	Discharge	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.004	-	-	-	-
Pond 2	B	18-Oct-19	Pond	Hills	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	B	5-Nov-19	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	C	19-Nov-19	Pond	Hills	2	-	-	-	-	3.3	3.4	0.7	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 2	B	2-Dec-19	Pond	Hills	-	-	-	-	-	-	-	0.8	0.002	0.002	0.002	-	-	-	-
Pond 2	B	17-Dec-19	Pond	Hills	-	-	-	-	-	-	-	0.9	0.002	0.002	0.002	-	-	-	-
Pond 2	B	7-Jan-20	Pond	Hills	-	-	-	-	-	-	-	1.2	0.002	0.002	0.002	-	-	-	-
Pond 2	B	22-Jan-20	Pond	Hills	-	-	-	-	-	-	-	1.3	0.002	0.002	0.002	-	-	-	-
Pond 2	H	5-Feb-20	Pond	Hills	5	5	0.02	-	-	2.5	2.7	1.4	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 2	B	25-Feb-20	Pond	Hills	-	-	-	-	-	-	-	1.5	0.002	0.002	0.002	-	-	-	-
Pond 2	B	10-Mar-20	Pond	Hills	-	-	-	-	-	-	-	1.5	0.002	0.002	0.002	-	-	-	-
Pond 2	B	23-Mar-20	Pond	Hills	-	-	-	-	-	-	-	1.4	0.002	0.002	0.002	-	-	-	-
Pond 2	B	6-Apr-20	Pond	Hills	-	-	-	-	-	-	-	1.3	0.002	0.002	0.002	-	-	-	-
Pond 2	B	22-Apr-20	Pond	Hills	-	-	-	-	-	-	-	1.3	0.002	0.009	0.011	-	-	-	-
Pond 2	C	11-May-20	Pond	Hill	2	-	-	-	-	3.9	4.2	1.2	0.002	0.013	0.014	0.1	0.2	0.4	0.7
Pond 2	B	26-May-20	Pond	Hills	-	-	-	-	-	-	-	1.2	0.002	0.002	0.002	-	-	-	-
Pond 2	B	9-Jun-20	Pond	Hills	-	-	-	-	-	-	-	1	0.002	0.003	0.004	-	-	-	-
Pond 2	B	23-Jun-20	Pond	Hills	-	-	-	-	-	-	-	0.9	0.002	0.006	0.007	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	B	8-Jul-20	Discharge	Hills	-	-	-	-	-	-	-	0.5	0.002	0.003	0.005	-	-	-	-
Pond 2	B	23-Jul-20	Pond	Hills	-	-	-	-	-	-	-	0.5	0.002	0.002	0.002	-	-	-	-
Pond 2	B	11-Aug-20	Discharge	Hills	-	-	-	-	-	-	-	0.6	0.002	0.005	0.007	-	-	-	-
Pond 2	H	25-Aug-20	Discharge	Hills	3	5	0.02	-	-	6	5.8	0.5	0.002	0.006	0.008	0.1	0.2	0.4	0.7
Pond 2	B	7-Sep-20	Pond	Hills	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	22-Sep-20	Pond	Hills	-	-	-	-	-	-	-	0.8	0.002	0.002	0.003	-	-	-	-
Pond 2	B	6-Oct-20	Pond	Hills	-	-	-	-	-	-	-	0.8	0.002	0.002	0.002	-	-	-	-
Pond 2	B	20-Oct-20	Pond	Hills	-	-	-	-	-	-	-	0.8	0.002	0.008	0.008	-	-	-	-
Pond 2	C	4-Nov-20	Pond	Hills	2	-	-	-	-	4.4	4.5	0.8	0.002	0.004	0.005	0.1	0.2	0.4	0.7
Pond 2	B	18-Nov-20	Pond	Hill	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	2-Dec-20	Pond	Hill	-	-	-	-	-	-	-	0.8	0.002	0.016	0.017	-	-	-	-
Pond 2	B	17-Dec-20	Pond	Hill	-	-	-	-	-	-	-	0.9	0.002	0.002	0.002	-	-	-	-
Pond 2	B	11-Jan-21	Pond	Hill	-	-	-	-	-	-	-	1	0.002	0.002	0.002	-	-	-	-
Pond 2	B	25-Jan-21	Pond	Hill	-	-	-	-	-	-	-	1	0.002	0.002	0.002	-	-	-	-
Pond 2	H	10-Feb-21	Pond	Hill	2	5	0.02	-	-	3.8	4.2	1.1	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 2	B	24-Feb-21	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.002	0.002	-	-	-	-
Pond 2	B	9-Mar-21	Pond	Hill	-	-	-	-	-	-	-	1.2	0.002	0.002	0.002	-	-	-	-
Pond 2	B	25-Mar-21	Pond	Hill	-	-	-	-	-	-	-	1.2	0.002	0.002	0.002	-	-	-	-
Pond 2	B	8-Apr-21	Pond	Hill	-	-	-	-	-	-	-	1.3	0.002	0.002	0.002	-	-	-	-
Pond 2	B	22-Apr-21	Pond	Hill	-	-	-	-	-	-	-	1.5	0.002	0.005	0.006	-	-	-	-
Pond 2	B	6-May-21	Pond	Hill	-	-	-	-	-	-	-	1.5	0.002	0.002	0.002	-	-	-	-
Pond 2	C	20-May-21	Pond	Hill	2	-	-	-	-	5.7	6.2	1.3	0.002	0.008	0.008	0.1	0.2	0.4	0.7
Pond 2	B	3-Jun-21	Pond	Hill	-	-	-	-	-	-	-	1.4	0.002	0.030	0.031	-	-	-	-
Pond 2	B	17-Jun-21	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.002	0.002	-	-	-	-
Pond 2	B	1-Jul-21	Pond	Hill	-	-	-	-	-	-	-	0.9	0.002	0.002	0.002	-	-	-	-
Pond 2	B	16-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1	0.002	0.002	0.002	-	-	-	-
Pond 2	H	2-Aug-21	Pond	Hill	2	5	0.02	-	-	5.7	5.9	0.7	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 2	B	16-Aug-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	30-Aug-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	13-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.5	0.002	0.002	0.002	-	-	-	-
Pond 2	B	27-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.6	0.013	0.074	0.087	-	-	-	-
Pond 2	B	11-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.011	0.093	0.104	-	-	-	-
Pond 2	B	26-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 2	C	8-Nov-21	Pond	Hill	2	-	-	-	-	5.1	5.4	0.8	0.006	0.058	0.064	0.1	0.2	0.4	0.7
Pond 2	B	23-Nov-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.002	0.004	0.006	-	-	-	-
Pond 2	B	7-Dec-21	Pond	Hill	-	-	-	-	-	-	-	0.9	0.002	0.002	0.002	-	-	-	-
Pond 2	B	20-Dec-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 2	B	6-Jan-22	Pond	Hill	-	-	-	-	-	-	-	0.9	0.002	0.002	0.003	-	-	-	-
Pond 2	B	20-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1	0.002	0.002	0.003	-	-	-	-
Pond 2	B	3-Feb-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.003	0.005	-	-	-	-
Pond 2	H	17-Feb-22	Pond	Hill	2	5	0.02	-	-	5.4	5.8	1	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 2	B	7-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.002	0.002	-	-	-	-
Pond 2	B	22-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.002	0.002	-	-	-	-
Pond 2	B	5-Apr-22	Pond	Hill	-	-	-	-	-	-	-	0.9	0.002	0.002	0.002	-	-	-	-
Pond 2	B	19-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.003	0.004	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	C	9-May-22	Pond	Hill	*2*	-	-	-	-	5.3	5.6	1	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	23-May-22	Pond	Hill	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	8-Jun-22	Discharge	Hill	-	-	-	-	-	-	-	0.7	0.005	0.025	0.030	-	-	-	-
Pond 2	B	22-Jun-22	Pond	Hill	-	-	-	-	-	-	-	0.6	0.029	0.067	0.096	-	-	-	-
Pond 2	B	5-Jul-22	Pond	Hill	-	-	-	-	-	-	-	0.6	0.026	0.093	0.119	-	-	-	-
Pond 2	B	19-Jul-22	Pond	Hill	-	-	-	-	-	-	-	0.4	0.023	0.142	0.165	-	-	-	-
Pond 2	H	1-Aug-22	Pond	Hill	*2*	*5*	*0.02*	-	-	4	4	0.4	0.01	0.134	0.144	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	15-Aug-22	Pond	Hill	-	-	-	-	-	-	-	0.4	0.009	0.076	0.085	-	-	-	-
Pond 2	B	29-Aug-22	Pond	Hill	-	-	-	-	-	-	-	0.5	0.003	*0.002*	0.003	-	-	-	-
Pond 2	B	12-Sep-22	Discharge	Hill 3075387.2	-	-	-	-	-	-	-	0.5	0.002	0.005	0.007	-	-	-	-
Pond 2	B	27-Sep-22	Pond	Hill 3085123.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	10-Oct-22	Pond	Hill 3095159.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	0.003	-	-	-	-
Pond 2	B	25-Oct-22	Pond	Hill 3104306.2	-	-	-	-	-	-	-	0.6	*0.002*	0.003	0.004	-	-	-	-
Pond 2	C	8-Nov-22	Pond	Hill 3113793.1	*2*	-	-	-	-	4	4.2	0.5	0.003	0.006	0.009	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	22-Nov-22	Discharge	Hill 3122370.2	-	-	-	-	-	-	-	0.3	0.003	0.006	0.009	-	-	-	-
Pond 2	B	6-Dec-22	Pond	Hill 3132692.2	-	-	-	-	-	-	-	0.4	0.002	0.008	0.010	-	-	-	-
Pond 2	B	22-Dec-22	Pond	Hill 3143778.2	-	-	-	-	-	-	-	0.4	*0.004*	*0.004*	*0.004*	-	-	-	-
Pond 2	B	9-Jan-23	Discharge	Hill 3149230.2	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	23-Jan-23	Pond	Hill 3159105.2	-	-	-	-	-	-	-	0.4	*0.002*	0.003	0.004	-	-	-	-
Pond 2	H	7-Feb-23	Pond	Hill 3168184.2	*2*	*5*	*0.02*	-	-	3.1	3.3	0.3	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	22-Feb-23	Pond	Hill 3182080.2	-	-	-	-	-	-	-	0.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	6-Mar-23	Pond	Hill 3196731.2	-	-	-	-	-	-	-	*0.2*	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	21-Mar-23	Pond	Hill 3212032.2	-	-	-	-	-	-	-	*0.2*	*0.002*	0.009	0.010	-	-	-	-
Pond 2	B	7-Apr-23	Pond	Hill 3233901.2	-	-	-	-	-	-	-	0.3	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	21-Apr-23	Pond	Hill 3252438.2	-	-	-	-	-	-	-	0.3	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	C	12-May-23	Pond	Hill 3275086.5	*2*	-	-	-	-	2.6	2.7	0.3	0.011	0.069	0.080	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	30-May-23	Pond	Hill 3290923.2	-	-	-	-	-	-	-	0.3	0.004	0.028	0.032	-	-	-	-
Pond 2	B	15-Jun-23	Pond	Hill 3302102.2	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	22-Jun-23	Pond	Hill 3307617.2	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	12-Jul-23	Pond	Hill 3315701.2	-	-	-	-	-	-	-	0.3	*0.002*	*0.022*	0.022	-	-	-	-
Pond 2	B	20-Jul-23	Pond	Hill 3326110.2	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	10-Aug-23	Pond	Hill 3340739.2	-	-	-	-	-	-	-	0.4	*0.002*	0.003	0.003	-	-	-	-
Pond 2	B	18-Aug-23	Pond	Hill 3345212.2	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	7-Sep-23	Pond	Hill 3360107.2	-	-	-	-	-	-	-	0.4	*0.002*	0.006	0.008	-	-	-	-
Pond 2	B	12-Sep-23	Pond	Hill 336306.2	-	-	-	-	-	-	-	0.4	*0.002*	0.007	0.009	-	-	-	-
Pond 2	B	6-Oct-23	Pond	Hill 3381015.2	-	-	-	-	-	-	-	0.8	*0.002*	0.002	0.003	-	-	-	-
Pond 2	B	12-Oct-23	Pond	Hills 3383860.2	-	-	-	-	-	-	-	0.4	*0.002*	0.009	0.01	-	-	-	-
Pond 2	B	3-Nov-23	Pond	Hill 3399556.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	H	8-Nov-23	Pond	Hills 3403609.2	*2*	*5*	*0.02*	-	-	3.5	3.8	0.4	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	24-Nov-23	Pond	Hills 3414745.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	C	22-Nov-23	Pond	Hills 3412758.2	-	-	-	-	-	2.9	3.3	0.5	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	8-Nov-23	Pond	Hills 3424896.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	4-Jan-24	Pond	Hills 3434878.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	8-Jan-24	Pond	Hills 3440416.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	18-Jan-24	Pond	Hills 3447519.2	-	-	-	-	-	-	-	0.5	0.02	0.27	0.29	-	-	-	-

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 2	H	5-Feb-24	Pond	Hills 3459798.2	8	*5*	*0.02*	-	-	3.6	2.9	0.6	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	15-Feb-24	Pond	Hills 3468936.2	-	-	-	-	-	-	-	0.6	*0.002*	0.04	0.041	-	-	-	-
Pond 2	B	29-Feb-24	Pond	Hills 3482686.1	-	-	-	-	-	-	-	0.6	*0.002*	0.005	0.006	-	-	-	-
Pond 2	B	13-Mar-24	Pond	Hills 3499045.2	-	-	-	-	-	-	-	0.7	*0.005*	0.03	0.035	-	-	-	-
Pond 2	B	27-Mar-24	Pond	Hills 3522038.2	-	-	-	-	-	-	-	1.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	12-Apr-24	Pond	Hills 3541327.2	-	-	-	-	-	-	-	0.8	*0.004*	0.041	0.045	-	-	-	-
Pond 2	B	24-Apr-24	Pond	Hills 3559570.2	-	-	-	-	-	-	-	0.7	0.004	0.063	0.067	-	-	-	-
Pond 2	B	9-May-24	Pond	Hills 3577819.2	-	-	-	-	-	-	-	0.7	*0.002*	0.012	0.013	-	-	-	-
Pond 2	C	27-May-24	Pond	Hills 3593002.2	*2*	-	-	-	-	4.5	4.8	0.6	0.003	0.02	0.023	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	11-Jun-24	Pond	Hills 3604225.2	-	-	-	-	-	-	-	0.6	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	24-Jun-24	Pond	Hills 3614230.2	-	-	-	-	-	-	-	0.4	0.005	0.021	0.026	-	-	-	-
Pond 2	B	18-Jul-24	Pond	Hills 3632050.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	H	2-Aug-24	Pond	Hills 3641802.2	*2*	*5*	*0.02*	-	-	4.4	4.3	0.4	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 2	B	16-Aug-24	Pond	Hills 3651692.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	29-Aug-24	Pond	Hills 3660407.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 2	B	12-Sep-24	Pond	Hills 3671006.2	-	-	-	-	-	-	-	0.5	0.002	0.015	0.017	-	-	-	-
Pond 2	B	26-Sep-24	Pond	Hills 3681023.2	-	-	-	-	-	-	-	0.5	0.002	0.009	0.011	-	-	-	-
Pond 2	B	10-Oct-24	Pond	Hills 3691499.2	-	-	-	-	-	-	-	0.5	*0.002*	*0.002*	0.003	-	-	-	-
Pond 3	B	12-Jan-05	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-Jan-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	9-Feb-05	pond	Hills	-	<5	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-Feb-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Mar-05	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-Mar-05	pond	Hills	-	<5	0.001	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-Apr-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	20-Apr-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-May-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-May-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	1-Jun-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	15-Jun-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	30-Jun-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Jul-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Jul-05	Ph 17 Pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Jul-05	SP3(S) inlet	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	27-Jul-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Aug-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	24-Aug-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	7-Sep-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Sep-05	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Oct-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	19-Oct-05	pond	Hills	-	<5	<0.002	-	-	7.05	7.1	-	-	-	-	-	-	-	-
Pond 3	B	2-Nov-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-Nov-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	30-Nov-05	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	7-Dec-05	pond	Hills	-	<5	<0.002	-	-	6.99	7.04	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	21-Dec-05	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Jan-06	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	25-Jan-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	8-Feb-06	pond	Hills	-	<5	<0.002	-	-	8.07	8.52	-	-	-	-	-	-	-	-
Pond 3	B	22-Feb-06	pond	Hills	-	<5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	8-Mar-06	pond	Hills	-	<5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	22-Mar-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Apr-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	19-Apr-06	pond	Hills	-	<5	0.003	-	-	8.88	9.34	-	-	-	-	-	-	-	-
Pond 3	B	3-May-06	pond	Hills	-	<5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	17-May-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	31-May-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	14-Jun-06	discharge	Hills	-	<5	0.002	-	-	8.54	8.37	-	-	-	-	-	-	-	-
Pond 3	B	28-Jun-06	pond	Hills	-	<5	0.001	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	12-Jul-06	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-Jul-06	pond	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Aug-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	23-Aug-06	pond	Hills	-	< 5	0.002	-	-	6.89	6.57	-	-	-	-	-	-	-	-
Pond 3	B	5-Sep-06	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	19-Sep-06	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Oct-06	discharge	Hills	-	<5	<0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	18-Oct-06	discharge	Hills	-	< 5	0.004	-	-	6.71	6.71	-	-	-	-	-	-	-	-
Pond 3	B	1-Nov-06	discharge	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Nov-06	pond	Hills	-	<5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	29-Nov-06	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	6-Dec-06	discharge	Hills	-	< 5	0.002	-	-	6.99	6.96	-	-	-	-	-	-	-	-
Pond 3	B	20-Dec-06	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Jan-07	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Jan-07	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	7-Feb-07	pond	Hills	-	< 5	0.002	-	-	7.65	7.27	-	-	-	-	-	-	-	-
Pond 3	B	21-Feb-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	7-Mar-07	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Mar-07	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Apr-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	18-Apr-07	pond	Hills	-	< 5	0.002	-	-	7.24	7.07	-	-	-	-	-	-	-	-
Pond 3	B	2-May-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-May-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	13-Jun-07	pond	Hills	-	< 5	0.002	-	-	7.43	7.08	-	-	-	-	-	-	-	-
Pond 3	B	27-Jun-07	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Jul-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Jul-07	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	8-Aug-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	22-Aug-07	discharge	Hills	-	< 5	0.002	-	-	5.12	5.17	-	-	-	-	-	-	-	-
Pond 3	B	5-Sep-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	19-Sep-07	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	3-Oct-07	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	17-Oct-07	pond	Hills	-	< 5	0.002	-	-	6.96	7.28	-	-	-	-	-	-	-	-
Pond 3	B	31-Oct-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Nov-07	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	28-Nov-07	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	5-Dec-07	discharge	Hills	-	< 5.0	< 0.0020	-	-	5.9	5.7	-	-	-	-	-	-	-	-
Pond 3	B	19-Dec-07	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Jan-08	discharge	Hills	-	< 5	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-Jan-08	pond	Hills	-	< 5	< 0.0040	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	5-Feb-08	discharge	Hills	-	25	0.0029	-	-	7.1	7.6	-	-	-	-	-	-	-	-
Pond 3	B	20-Feb-08	discharge	Hills	-	< 5	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Mar-08	pond	Hills	-	< 5.0	0.0039	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	19-Mar-08	pond	Hills	-	< 5.0	0.0024	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	2-Apr-08	pond	Hills	-	< 5.0	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	15-Apr-08	discharge	Hills	-	< 5.0	0.0034	-	-	8.7	8	-	-	-	-	-	-	-	-
Pond 3	B	30-Apr-08	discharge	Hills	-	6.1	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	Special	30-Apr-08	Ph 17 pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	Special	5-May-08	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-May-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	28-May-08	discharge	Hills	-	< 5.0	0.0023	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	11-Jun-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	9.6	8.6	-	-	-	-	-	-	-	-
Pond 3	B	25-Jun-08	discharge	Hills	-	< 5.0	0.0028	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Jul-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-Jul-08	discharge	Hills	-	< 5.0	0.0021	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-Aug-08	discharge	Hills	-	< 5.0	0.0036	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	20-Aug-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	4.2	5	-	-	-	-	-	-	-	-
Pond 3	B	3-Sep-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-Sep-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	1-Oct-08	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	15-Oct-08	pond	Hills	-	< 5.0	0.0021	-	-	5.9	5.7	-	-	-	-	-	-	-	-
Pond 3	B	29-Oct-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Nov-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-Nov-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	3-Dec-08	pond	Hills	-	< 5.0	0.0021	-	-	7.3	6.6	-	-	-	-	-	-	-	-
Pond 3	B	17-Dec-08	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	7-Jan-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Jan-09	pond	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	4-Feb-09	pond	Hills	-	< 5.0	0.0023	-	-	9.5	8.7	-	-	-	-	-	-	-	-
Pond 3	B	18-Feb-09	pond	Hills	-	< 5.0	0.0027	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Mar-09	pond	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-Mar-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	1-Apr-09	pond	Hills	-	< 5.0	0.003	-	-	9.3	8.5	-	-	-	-	-	-	-	-
Pond 3	B	15-Apr-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	29-Apr-09	pond	Hills	-	< 5.0	0.0023	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	12-May-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	27-May-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	10-Jun-09	pond	Hills	-	< 5.0	< 0.0020	-	-	7.4	6.8	-	-	-	-	-	-	-	-
Pond 3	B	24-Jun-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	8-Jul-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	22-Jul-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	5-Aug-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	6.9	6.8	-	-	-	-	-	-	-	-
Pond 3	B	18-Aug-09	discharge	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	2-Sep-09	discharge	Hills	-	< 5.0	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	15-Sep-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	30-Sep-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	6.5	6	-	-	-	-	-	-	-	-
Pond 3	B	14-Oct-09	pond	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	28-Oct-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Nov-09	pond	Hills	-	< 5.0	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	25-Nov-09	pond	Hills	-	< 5.0	0.0028	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	2-Dec-09	pond	Hills	-	< 5.0	0.0036	-	-	5.8	5.5	-	-	-	-	-	-	-	-
Pond 3	B	16-Dec-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	8-Jan-10	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	20-Jan-10	pond	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	3-Feb-10	pond	Hills	-	< 5.0	< 0.0020	-	-	5.4	4.9	-	-	-	-	-	-	-	-
Pond 3	B	17-Feb-10	pond	Hills	-	< 5.0	0.0025	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	3-Mar-10	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-May-10	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	9-Jun-10	pond	Hills	-	< 5	0.003	-	-	5.7	5.6	-	-	-	-	-	-	-	-
Pond 3	B	23-Jun-10	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	7-Jul-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Jul-10	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	4-Aug-10	discharge	Hills	-	< 5	0.002	-	-	5.5	5.5	-	-	-	-	-	-	-	-
Pond 3	B	18-Aug-10	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	1-Sep-10	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Sep-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	27-Sep-10	pond	Hills	-	< 5	< 0.002	-	-	5.3	5.2	-	-	-	-	-	-	-	-
Pond 3	B	13-Oct-10	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	27-Oct-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Nov-10	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Nov-10	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	1-Dec-10	pond	Hills	-	< 5	< 0.002	-	-	3.8	3.6	-	-	-	-	-	-	-	-
Pond 3	B	15-Dec-10	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Jan-11	pond	Hills	-	< 5	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	19-Jan-11	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	2-Feb-11	pond	Hills	-	< 5	0.005	-	-	3.5	3.2	-	-	-	-	-	-	-	-
Pond 3	B	16-Feb-11	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	2-Mar-11	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-Mar-11	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	30-Mar-11	pond	Hills	-	< 5	0.003	-	-	4.1	4	-	-	-	-	-	-	-	-
Pond 3	B	13-Apr-11	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	28-Apr-11	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-May-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	25-May-11	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	8-Jun-11	discharge	Hills	-	< 5	0.002	-	-	3.8	3.9	-	-	-	-	-	-	-	-
Pond 3	B	22-Jun-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-Jul-11	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	20-Jul-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	3-Aug-11	pond	Hills	-	< 5	0.002	-	-	4.3	4.3	-	-	-	-	-	-	-	-
Pond 3	B	17-Aug-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	31-Aug-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Sep-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	28-Sep-11	pond	Hills	-	< 5	< 0.002	-	-	3.4	3.6	-	-	-	-	-	-	-	-
Pond 3	B	12-Oct-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-Oct-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Nov-11	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	22-Nov-11	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	30-Sep-11	pond	Hills	-	< 5	< 0.002	-	-	3.5	3.6	-	-	-	-	-	-	-	-
Pond 3	B	14-Dec-11	pond	Hills	-	< 5	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Jan-12	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-Jan-12	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	1-Feb-12	pond	Hills	-	< 5	0.003	-	-	5	4.6	-	-	-	-	-	-	-	-
Pond 3	B	15-Feb-12	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	29-Feb-12	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Mar-12	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	28-Mar-12	pond	Hills	-	< 5	< 0.002	-	-	4.5	4.5	-	-	-	-	-	-	-	-
Pond 3	B	11-Apr-12	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-Apr-12	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-May-12	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-May-12	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	6-Jun-12	pond	Hills	-	< 5	< 0.002	-	-	4.7	4.9	-	-	-	-	-	-	-	-
Pond 3	B	20-Jun-12	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Jul-12	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-Jul-12	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	1-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	4.2	4.1	-	-	-	-	-	-	-	-
Pond 3	B	15-Aug-12	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	29-Aug-12	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	12-Sep-12	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	26-Sep-12	pond	Hills	-	5	0.002	-	-	3.3	3.1	-	-	-	-	-	-	-	-
Pond 3	B	10-Oct-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Oct-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	7-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	5-Dec-12	pond	Hills	-	5	0.004	-	-	3.4	2.3	-	-	-	-	-	-	-	-
Pond 3	B	19-Dec-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Jan-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	C	23-Jan-13	pond	Hills	-	5	0.002	-	-	3.3	3.1	-	-	-	-	-	-	-	-
Pond 3	B	5-Feb-13	pond	Hills	-	5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	20-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-Mar-13	pond	Hills	-	5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	20-Mar-13	pond	Hills	-	5	0.004	-	-	4.1	4.1	-	-	-	-	-	-	-	-
Pond 3	B	3-Apr-13	pond	Hills	-	5	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	17-Apr-13	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	1-May-13	pond	Hills	-	*5*	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	15-May-13	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	29-May-13	pond	Hills	-	*5*	0.002	-	-	5.3	5.7	-	-	-	-	-	-	-	-
Pond 3	B	12-Jun-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-Jun-13	discharge	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Jul-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	Special	17-Jul-13	pond	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	24-Jul-13	pond	Hills	-	*5*	*0.002*	-	-	5.6	5.6	-	-	-	-	-	-	-	-
Pond 3	B	6-Aug-13		Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	20-Aug-13		Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	3-Sep-13	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	18-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	5.2	5.1	-	-	-	-	-	-	-	-
Pond 3	B	2-Oct-13	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-Oct-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	30-Oct-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	12-Nov-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	26-Nov-13	pond	Hills	-	*5*	*0.002*	-	-	2.7	2.7	-	-	-	-	-	-	-	-
Pond 3	B	18-Dec-13	pond	Hills	-	5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	3-Jan-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	14-Jan-14	discharge	Hills	-	*5*	0.004	-	-	4.2	4.4	-	-	-	-	-	-	-	-
Pond 3	B	30-Jan-14	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Feb-14	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	27-Feb-14	pond	Hills	-	*5*	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	11-Mar-14	pond	Hills	-	*5*	0.003	-	-	4.9	4.7	-	-	-	-	-	-	-	-
Pond 3	B	25-Mar-14	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Apr-14	ponds	Hills	-	*5*	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	28-Apr-14	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-May-14	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	21-May-14	pond	Hills	-	*5*	*0.002*	-	-	6.3	6.3	-	-	-	-	-	-	-	-
Pond 3	B	5-Jun-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-Jun-14	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	2-Jul-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	15-Jul-14	discharge	Hills	-	*5*	0.002	-	-	5.4	5.4	-	-	-	-	-	-	-	-
Pond 3	B	30-Jul-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Aug-14	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	14-Aug-14	pond	Hills	-	*5*	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Sep-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	C	23-Sep-14	discharge	Hills	-	*5*	*0.002*	-	-	5.1	5.2	-	-	-	-	-	-	-	-
Pond 3	B	7-Oct-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-Oct-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Nov-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	19-Nov-14	pond	Hills	-	*5*	0.003	-	-	5.1	5.1	-	-	-	-	-	-	-	-
Pond 3	B	1-Dec-14	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-Dec-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Jan-15	pond	Hills	-	*5*	0.007	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	19-Jan-15	pond	Hills	-	*5*	*0.002*	-	-	3.5	3.5	-	-	-	-	-	-	-	-
Pond 3	B	29-Jan-15	pond	Hills	-	*5*	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Feb-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Feb-15	pond	Hills	-	*5*	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	12-Mar-15	pond	Hills	-	*5*	0.003	-	-	5.8	6.3	-	-	-	-	-	-	-	-
Pond 3	B	26-Mar-15	pond	Hills	-	*5*	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-May-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	19-May-15	pond	Hills	-	*5*	0.002	-	-	7.3	7.7	-	-	-	-	-	-	-	-
Pond 3	B	3-Jun-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	16-Jun-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	29-Jun-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	14-Jul-15	pond	Hills	-	*5*	*0.002*	-	-	8	8.6	-	-	-	-	-	-	-	-
Pond 3	B	30-Jul-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	12-Aug-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Aug-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	8-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	22-Sep-15	pond	Hills	-	*5*	*0.02*	-	-	6.6	6.5	-	-	-	-	-	-	-	-
Pond 3	B	8-Oct-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Oct-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Nov-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	17-Nov-15	pond	Hills	-	*5*	*0.02*	-	-	6.4	6.5	-	-	-	-	-	-	-	-
Pond 3	B	30-Nov-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	15-Dec-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	12-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	6.1	6.6	-	-	-	-	-	-	-	-
Pond 3	B	27-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	24-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	9-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	7.2	7.6	-	-	-	-	-	-	-	-
Pond 3	B	23-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	6-Apr-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	3-May-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	18-May-16	pond	Hills	-	-	-	-	-	6.4	6.9	-	-	-	-	-	-	-	-
Pond 3	B	3-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	18-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	29-Jun-16	pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Jul-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	27-Jul-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	H	12-Aug-16	discharge	Hills	*2*	*5*	*0.02*	-	-	4.1	4	-	-	-	-	-	-	-	-
Pond 3	B	25-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	7-Sep-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	22-Sep-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	4-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	20-Oct-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	3-Nov-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	22-Nov-16	pond	Hills	*4*	-	-	-	-	3.8	4	-	-	-	-	-	-	-	-
Pond 3	B	30-Nov-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	O&G	12-Dec-16	Pond	Hills	*2*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	13-Dec-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-Jan-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	12-Jan-17	pond	Hills	*2*	-	-	-	-	4.2	4.2	-	-	-	-	-	-	-	-
Pond 3	B	31-Jan-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	H	9-Feb-17	pond	Hills	*2*	*5*	*0.02*	-	-	4.9	4.8	-	-	-	-	-	-	-	-
Pond 3	B	22-Feb-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	22-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	3-Apr-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	20-Apr-17	dicharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	5-May-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	31-May-17	pond	Hills	*3*	-	-	-	-	6.4	6.3	-	-	-	-	-	-	-	-
Pond 3	B	13-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	22-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	)il and Greas	4-Jul-17	pond	Hills	*2*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Jul-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	27-Jul-17	dicharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	15-Aug-17	dicharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	H	30-Aug-17	Pond	Hills	*2*	*5*	*0.02*	-	-	5.5	5.7	-	-	-	-	-	-	-	-
Pond 3	B	14-Sep-17	Discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	28-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	11-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	26-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	9-Nov-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	C	23-Nov-17	pond	Hills	4	-	-	-	-	3.8	3.8	-	-	-	-	-	-	-	-
Pond 3	B	6-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	21-Dec-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 3	H	8-Feb-18	Pond	Hills	*2*	*5*	*0.02*	-	-	6.1	6	-	-	-	-	-	-	-	-
Pond 3	B	28-Feb-18	Pond	Hills	-	-	-	-	-	-	-	0.9	0.002	0.002	0.002	-	-	-	-
Pond 3	B	8-Mar-18	Pond	Hills	-	-	-	-	-	-	-	0.9	0.006	*0.002*	0.006	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	29-Mar-18	Pond	Hills	-	-	-	-	-	-	-	0.8	0.009	0.022	0.031	-	-	-	-
Pond 3	B	12-Apr-18	Pond	Hills	-	-	-	-	-	-	-	0.9	0.02	0.063	0.082	-	-	-	-
Pond 3	B	24-Apr-18	Pond	Hills	-	-	-	-	-	-	-	0.8	0.009	0.049	0.058	-	-	-	-
Pond 3	B	9-May-18	Pond	Hills	-	-	-	-	-	-	-	0.9	0.008	0.077	0.085	-	-	-	-
Pond 3	C	29-May-18	Pond	Hills	*2*	-	-	-	-	5.2	5.2	0.9	0.006	0.04	0.046	*0.06*	*0.2*	*0.4*	*0.7*
Pond 3	B	14-Jun-18	Pond	Hills	-	-	-	-	-	-	-	0.7	0.019	0.153	0.172	-	-	-	-
Pond 3	B	28-Jun-18	Pond	Hills	-	-	-	-	-	-	-	0.8	0.006	0.195	0.2	-	-	-	-
Pond 3	B	16-Jul-18	Pond	Hills	-	-	-	-	-	-	-	0.8	0.009	0.189	0.198	-	-	-	-
Pond 3	B	26-Jul-18	Pond	Hills	-	-	-	-	-	-	-	0.7	0.024	0.29	0.31	-	-	-	-
Pond 3	B	9-Aug-18	Pond	Hills	-	-	-	-	-	-	-	0.8	0.015	0.5	0.51	-	-	-	-
Pond 3	H	23-Aug-18	Pond	Hills	*2*	*5*	*0.02*	-	-	5	5.2	0.9	0.004	0.26	0.26	*0.06*	*0.2*	*0.4*	*0.7*
Pond 3	B	11-Sep-18	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	25-Sep-18	Pond	Hills	-	-	-	-	-	-	-	0.8	*0.002*	*0.002*	0.002	-	-	-	-
Pond 3	B	9-Oct-18	discharge	Hills	-	-	-	-	-	-	-	1.1	*0.002*	0.027	0.028	-	-	-	-
Pond 3	B	23-Oct-18	Pond	Hills	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	6-Nov-18	Pond	Hills	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	C	20-Nov-18	Pond	Hills	*3*	-	-	-	-	3.2	3.1	1.2	*0.002*	0.032	0.033	*0.06*	*0.2*	*0.4*	*0.7*
Pond 3	B	6-Dec-18	Discharge	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	20-Dec-18	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	8-Jan-19	Pond	Hills	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	22-Jan-19	Pond	Hills	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	H	7-Feb-19	Pond	Hills	*2*	*5*	*0.02*	-	-	4.5	4.5	0.7	*0.002*	*0.002*	*0.002*	*0.06*	*0.2*	*0.4*	*0.7*
Pond 3	B	20-Feb-19	Pond	Hills	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	7-Mar-19	Pond	Hills	-	-	-	-	-	-	-	0.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	27-Mar-19	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	0.006	0.006	-	-	-	-
Pond 3	B	10-Apr-19	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	26-Apr-19	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	15-May-19	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	0.008	0.009	-	-	-	-
Pond 3	C	27-May-19	Pond	Hills	*2*	-	-	-	-	4.5	5	1	*0.002*	*0.002*	*0.002*	*0.06*	*0.2*	*0.4*	*0.7*
Pond 3	B	11-Jun-19	Pond	Hills	-	-	-	-	-	-	-	1	0.004	0.054	0.058	-	-	-	-
Pond 3	B	25-Jun-19	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	0.002	0.003	-	-	-	-
Pond 3	B	9-Jul-19	Pond	Hills	-	-	-	-	-	-	-	1	0.003	0.056	0.060	-	-	-	-
Pond 3	B	22-Jul-19	Discharge	Hills	-	-	-	-	-	-	-	1	*0.002*	0.008	0.010	-	-	-	-
Pond 3	B	6-Aug-19	Discharge	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	0.003	-	-	-	-
Pond 3	H	21-Aug-19	Pond	Hills	*2*	*5*	*0.02*	-	-	8.7	8.6	1	*0.002*	*0.002*	*0.002*	*0.06*	*0.2*	*0.4*	*0.7*
Pond 3	B	3-Sep-19	Pond	Hills	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	18-Sep-19	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	1-Oct-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	18-Oct-19	Pond	Hills	-	-	-	-	-	-	-	1.1	*0.002*	0.058	0.059	-	-	-	-
Pond 3	B	5-Nov-19	Pond	Hills	-	-	-	-	-	-	-	1.3	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	C	19-Nov-19	Pond	Hills	*3*	-	-	-	-	4.3	4.5	1.3	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 3	B	2-Dec-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	17-Dec-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	7-Jan-20	Pond	Hills	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	22-Jan-20	Pond	Hills	-	-	-	-	-	-	-	1.5	*0.002*	*0.002*	*0.002*	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	H	5-Feb-20	Pond	Hills	5	5	0.02	-	-	6	6.1	1.6	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 3	B	25-Feb-20	Pond	Hills	-	-	-	-	-	-	-	1.8	0.002	0.002	0.002	-	-	-	-
Pond 3	B	10-Mar-20	Pond	Hills	-	-	-	-	-	-	-	1.9	0.002	0.002	0.002	-	-	-	-
Pond 3	B	23-Mar-20	Pond	Hills	-	-	-	-	-	-	-	2	0.002	0.002	0.002	-	-	-	-
Pond 3	B	6-Apr-20	Pond	Hills	-	-	-	-	-	-	-	2	0.002	0.002	0.002	-	-	-	-
Pond 3	B	22-Apr-20	Pond	Hills	-	-	-	-	-	-	-	1.9	0.002	0.002	0.002	-	-	-	-
Pond 3	C	11-May-20	Pond	Hill	2	-	-	-	-	6.7	6.9	1.7	0.002	0.014	0.015	0.1	0.2	0.4	0.7
Pond 3	B	26-May-20	Pond	Hills	-	-	-	-	-	-	-	1.6	0.002	0.002	0.002	-	-	-	-
Pond 3	B	9-Jun-20	Pond	Hills	-	-	-	-	-	-	-	1.4	0.002	0.002	0.003	-	-	-	-
Pond 3	B	23-Jun-20	Pond	Hills	-	-	-	-	-	-	-	1.3	0.002	0.012	0.014	-	-	-	-
Pond 3	B	8-Jul-20	Discharge	Hills	-	-	-	-	-	-	-	1	0.003	0.027	0.030	-	-	-	-
Pond 3	B	23-Jul-20	Pond	Hills	-	-	-	-	-	-	-	1	0.002	0.032	0.033	-	-	-	-
Pond 3	B	11-Aug-20	Discharge	Hills	-	-	-	-	-	-	-	1	0.002	0.003	0.005	-	-	-	-
Pond 3	H	25-Aug-20	Discharge	Hills	2	5	0.02	-	-	8.3	8.1	1	0.003	0.020	0.023	0.1	0.2	0.4	0.7
Pond 3	B	7-Sep-20	Pond	Hills	-	-	-	-	-	-	-	1.1	0.004	0.002	0.005	-	-	-	-
Pond 3	B	22-Sep-20	Pond	Hills	-	-	-	-	-	-	-	1.1	0.009	0.016	0.025	-	-	-	-
Pond 3	B	6-Oct-20	Pond	Hills	-	-	-	-	-	-	-	1.1	0.007	0.007	0.014	-	-	-	-
Pond 3	B	20-Oct-20	Pond	Hills	-	-	-	-	-	-	-	1.3	0.020	0.015	0.035	-	-	-	-
Pond 3	C	4-Nov-20	Pond	Hills	4	-	-	-	-	9.4	9.3	1.6	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 3	B	18-Nov-20	Pond	Hill	-	-	-	-	-	-	-	1.8	0.002	0.002	0.002	-	-	-	-
Pond 3	B	2-Dec-20	Pond	Hill	-	-	-	-	-	-	-	1.8	0.002	0.002	0.002	-	-	-	-
Pond 3	B	17-Dec-20	Pond	Hill	-	-	-	-	-	-	-	2.1	0.002	0.002	0.002	-	-	-	-
Pond 3	B	11-Jan-21	Pond	Hill	-	-	-	-	-	-	-	2.4	0.002	0.003	0.004	-	-	-	-
Pond 3	B	25-Jan-21	Pond	Hill	-	-	-	-	-	-	-	2.4	0.002	0.002	0.002	-	-	-	-
Pond 3	H	10-Feb-21	Pond	Hill	2	5	0.02	-	-	6.3	7.2	2.9	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 3	B	24-Feb-21	Pond	Hill	-	-	-	-	-	-	-	2.5	0.002	0.002	0.002	-	-	-	-
Pond 3	B	9-Mar-21	Pond	Hill	-	-	-	-	-	-	-	2.5	0.002	0.002	0.002	-	-	-	-
Pond 3	B	25-Mar-21	Pond	Hill	-	-	-	-	-	-	-	3.2	0.002	0.002	0.002	-	-	-	-
Pond 3	B	8-Apr-21	Pond	Hill	-	-	-	-	-	-	-	3.4	0.002	0.003	0.003	-	-	-	-
Pond 3	B	22-Apr-21	Pond	Hill	-	-	-	-	-	-	-	3.5	0.002	0.005	0.004	-	-	-	-
Pond 3	B	6-May-21	Pond	Hill	-	-	-	-	-	-	-	3.2	0.002	0.002	0.004	-	-	-	-
Pond 3	C	20-May-21	Pond	Hill	2	-	-	-	-	9.9	10.6	3	0.004	0.011	0.015	0.1	0.2	0.4	0.7
Pond 3	B	3-Jun-21	Pond	Hill	-	-	-	-	-	-	-	3	0.002	0.002	0.003	-	-	-	-
Pond 3	B	17-Jun-21	Pond	Hill	-	-	-	-	-	-	-	2.3	0.024	0.340	0.360	-	-	-	-
Pond 3	B	1-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1.6	0.008	0.014	0.022	-	-	-	-
Pond 3	B	16-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1.5	0.008	0.004	0.012	-	-	-	-
Pond 3	H	2-Aug-21	Pond	Hill	2	5	0.02	-	-	6.3	6.6	1.1	0.008	0.048	0.056	0.1	0.2	0.4	0.7
Pond 3	B	16-Aug-21	Pond	Hill	-	-	-	-	-	-	-	1.1	0.003	0.010	0.013	-	-	-	-
Pond 3	B	30-Aug-21	Pond	Hill	-	-	-	-	-	-	-	1.1	0.002	0.002	0.002	-	-	-	-
Pond 3	B	13-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.8	0.002	0.002	0.002	-	-	-	-
Pond 3	B	27-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 3	B	11-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.6	0.002	0.002	0.002	-	-	-	-
Pond 3	B	26-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.7	0.002	0.002	0.002	-	-	-	-
Pond 3	C	8-Nov-21	Pond	Hill	2	-	-	-	-	3.9	4.2	0.7	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 3	B	23-Nov-21	Pond	Hill	-	-	-	-	-	-	-	0.8	0.002	0.002	0.002	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	7-Dec-21	Pond	Hill	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	0.003	-	-	-	-
Pond 3	B	20-Dec-21	Pond	Hill	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	0.002	-	-	-	-
Pond 3	B	6-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	20-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	0.003	-	-	-	-
Pond 3	B	3-Feb-22	Pond	Hill	-	-	-	-	-	-	-	1.1	*0.002*	*0.002*	0.002	-	-	-	-
Pond 3	H	17-Feb-22	Pond	Hill	*2*	*5*	*0.02*	-	-	4.5	5	1.1	0.002	*0.002*	0.003	*0.1*	*0.2*	*0.4*	*0.7*
Pond 3	B	7-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.2	0.002	*0.002*	0.002	-	-	-	-
Pond 3	B	22-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.220	0.042	0.260	-	-	-	-
Pond 3	B	5-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1.2	0.173	0.044	0.220	-	-	-	-
Pond 3	B	19-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1.2	0.037	0.056	0.093	-	-	-	-
Pond 3	C	9-May-22	Pond	Hill	*2*	-	-	-	-	6	5.8	1.2	0.055	0.260	0.310	*0.1*	*0.2*	*0.4*	*0.7*
Pond 3	B	23-May-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.045	0.470	0.510	-	-	-	-
Pond 3	B	8-Jun-22	Pond	Hill	-	-	-	-	-	-	-	1.1	0.021	0.240	0.260	-	-	-	-
Pond 3	B	22-Jun-22	Pond	Hill	-	-	-	-	-	-	-	0.9	0.012	0.145	0.157	-	-	-	-
Pond 3	B	5-Jul-22	Pond	Hill	-	-	-	-	-	-	-	0.8	0.011	0.173	0.184	-	-	-	-
Pond 3	B	19-Jul-22	Pond	Hill	-	-	-	-	-	-	-	0.7	0.016	0.157	0.172	-	-	-	-
Pond 3	H	1-Aug-22	Pond	Hill	*2*	*5*	*0.02*	-	-	4.8	5.2	0.7	0.002	0.010	0.013	*0.1*	*0.2*	*0.4*	*0.7*
Pond 3	B	15-Aug-22	Discharge	Hill	-	-	-	-	-	-	-	0.6	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	29-Aug-22	Discharge	Hill	-	-	-	-	-	-	-	0.7	0.003	0.011	0.014	-	-	-	-
Pond 3	B	12-Sep-22	Discharge	Hill 3075387.3	-	-	-	-	-	-	-	0.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	12-Sep-22	Discharge	Hill 3085123.3	-	-	-	-	-	-	-	0.9	*0.002*	0.006	0.006	-	-	-	-
Pond 3	B	10-Oct-22	Discharge	Hill 3095159.3	-	-	-	-	-	-	-	0.8	*0.002*	0.002	0.003	-	-	-	-
Pond 3	B	25-Oct-22	Pond	Hill 3104306.3	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	C	8-Nov-22	Pond	Hill 3113136.2	*2*	-	-	-	-	4.3	4.4	0.9	*0.002*	*0.002*	*0.002*	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	B	22-Nov-22	Discharge	Hill 3122370.3	-	-	-	-	-	-	-	0.7	*0.002*	0.006	0.007	-	-	-	-
Pond 3	B	6-Dec-22	Pond	Hill 3132692.3	-	-	-	-	-	-	-	0.7	*0.002*	0.022	0.023	-	-	-	-
Pond 3	B	22-Dec-22	Discharge	Hill 3143778.3	-	-	-	-	-	-	-	0.7	*0.002*	0.005	0.006	-	-	-	-
Pond 3	B	9-Jan-23	Discharge	Hill 3149230.3	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	23-Jan-23	Pond	Hill 3159105.3	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	0.003	-	-	-	-
Pond 3	H	7-Feb-23	Discharge	Hill 3168184.3	*2*	*5*	*0.02*	-	-	3.1	3.3	0.4	*0.002*	*0.002*	*0.002*	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	B	22-Feb-23	Pond	Hill 3182080.3	-	-	-	-	-	-	-	0.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	6-Mar-23	Pond	Hill 3196731.3	-	-	-	-	-	-	-	0.3	0.003	*0.002*	0.004	-	-	-	-
Pond 3	B	21-Mar-23	Pond	Hill 3212032.3	-	-	-	-	-	-	-	0.3	*0.002*	0.010	0.013	-	-	-	-
Pond 3	B	7-Apr-23	Pond	Hill 3233901.3	-	-	-	-	-	-	-	0.4	0.003	0.004	0.007	-	-	-	-
Pond 3	B	21-Apr-23	Pond	Hill 3252438.3	-	-	-	-	-	-	-	0.4	0.010	0.033	0.043	-	-	-	-
Pond 3	C	12-May-23	Pond	Hill 3275086.6	*2*	-	-	-	-	3.2	3.5	0.5	0.030	0.141	0.170	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	B	30-May-23	Pond	Hill 3290923.3	-	-	-	-	-	-	-	0.6	0.004	0.007	0.011	-	-	-	-
Pond 3	B	15-Jun-23	Pond	Hill 3302102.3	-	-	-	-	-	-	-	0.6	0.005	0.145	0.150	-	-	-	-
Pond 3	B	16-Jun-23	Pond	Hill 3307617.3	-	-	-	-	-	-	-	0.6	*0.002*	0.050	0.052	-	-	-	-
Pond 3	B	4-Jul-23	Pond	Hill 3315701.3	-	-	-	-	-	-	-	0.6	0.013	0.161	0.174	-	-	-	-
Pond 3	B	20-Jul-23	Pond	Hill 3326110.3	-	-	-	-	-	-	-	0.6	0.003	0.192	0.195	-	-	-	-
Pond 3	B	10-Aug-23	Pond	Hill 3340739.3	-	-	-	-	-	-	-	0.6	0.005	0.172	0.177	-	-	-	-
Pond 3	B	18-Aug-23	Pond	Hill 3345212.3	-	-	-	-	-	-	-	0.6	0.002	0.004	0.006	-	-	-	-
Pond 3	B	7-Sep-23	Pond	Hill 3360107.3	-	-	-	-	-	-	-	0.7	0.005	0.062	0.067	-	-	-	-
Pond 3	B	13-Sep-23	Pond	Hill 3363106.3	-	-	-	-	-	-	-	0.8	0.005	0.067	0.072	-	-	-	-

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 3	B	6-Oct-23	Pond	Hill 3381015.4	-	-	-	-	-	-	-	0.4	0.003	0.046	0.049	-	-	-	-
Pond 3	B	12-Oct-23	Pond	Hills 3383860.3	-	-	-	-	-	-	-	0.8	*0.002*	0.007	0.009	-	-	-	-
Pond 3	B	3-Nov-23	Pond	Hills 3399556.3	-	-	-	-	-	-	-	1	0.009	0.039	0.048	-	-	-	-
Pond 3	H	8-Nov-23	Pond	Hills 3403609.3	*2*	*5*	*0.02*	-	-	4.7	5	0.9	*0.002*	*0.002*	*0.002*	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	B	24-Nov-23	Pond	Hills 3414745.3	-	-	-	-	-	-	-	0.9	*0.002*	0.003	0.004	-	-	-	-
Pond 3	C	22-Nov-23	Pond	Hills 3412758.3	3	-	-	-	-	4.5	4.8	0.9	*0.002*	0.015	0.016	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	B	8-Dec-23	Pond	Hills 3424896.3	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	B	20-Dec-23	Pond	Hills 3434878.3	-	-	-	-	-	-	-	1	*0.002*	0.008	0.009	-	-	-	-
Pond 3	B	8-Jan-24	Pond	Hills 3440416.3	-	-	-	-	-	-	-	0.9	*0.002*	0.007	0.009	-	-	-	-
Pond 3	B	30-Jan-24	Pond	Hills 3447519.3	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 3	H	5-Feb-24	Pond	Hills 3459798.3	5	*5*	*0.02*	-	-	4.3	4.7	0.9	*0.002*	0.003	0.004	*0.1*	*0.2*	*0.4*	*0.7*
Pond 3	B	15-Feb-24	Pond	Hills 3468936.3	-	-	-	-	-	-	-	0.9	*0.002*	0.004	0.006	-	-	-	-
Pond 3	B	29-Feb-24	Pond	Hills 3482686.3	-	-	-	-	-	-	-	0.9	*0.002*	0.003	0.004	-	-	-	-
Pond 3	B	13-Mar-24	Pond	Hills 3499045.3	-	-	-	-	-	-	-	1	*0.002*	0.008	0.01	-	-	-	-
Pond 3	B	27-Mar-24	Pond	Hills 3522038.3	-	-	-	-	-	-	-	1	*0.012*	0.019	0.031	-	-	-	-
Pond 3	B	12-Apr-24	Pond	Hills 3541327.3	-	-	-	-	-	-	-	1	*0.082*	0.096	0.179	-	-	-	-
Pond 3	B	24-Apr-24	Pond	Hills 3559570.3	-	-	-	-	-	-	-	0.9	*0.055*	0.45	0.5	-	-	-	-
Pond 3	B	9-May-24	Pond	Hills 3577819.3	-	-	-	-	-	-	-	1.1	0.007	0.159	0.165	-	-	-	-
Pond 3	**C**	27-May-24	Pond	Hills 3593002.3	*3*	-	-	-	-	6.2	6.8	1	0.003	0.008	0.011	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	**B**	11-Jun-24	Pond	Hills 3604225.3	-	-	-	-	-	-	-	0.9	0.008	0.015	0.022	-	-	-	-
Pond 3	**B**	24-Jun-24	Pond	Hills 3614230.3	-	-	-	-	-	-	-	0.8	0.015	0.027	0.042	-	-	-	-
Pond 3	**B**	18-Jul-24	Pond	Hills 3632050.3	-	-	-	-	-	-	-	0.9	0.031	0.73	0.76	-	-	-	-
Pond 3	**H**	2-Aug-24	Pond	Hills 3641802.3	2	*5*	*0.02*	-	-	5.9	5.8	0.8	0.004	0.147	0.151	*0.10*	*0.2*	*0.4*	*0.7*
Pond 3	**B**	16-Aug-24	Pond	Hills 3651692.3	-	-	-	-	-	-	-	0.8	*0.002*	0.039	0.04	-	-	-	-
Pond 3	**B**	29-Aug-24	Pond	Hills 3660407.3	-	-	-	-	-	-	-	0.8	0.002	0.009	0.01	-	-	-	-
Pond 3	**B**	12-Sep-24	Pond	Hills 3671006.3	-	-	-	-	-	-	-	0.9	0.002	0.007	0.009	-	-	-	-
Pond 3	**B**	26-Sep-24	Pond	Hills 3681023.3	-	-	-	-	-	-	-	0.8	0.002	0.013	0.014	-	-	-	-
Pond 3	**B**	10-Oct-24	Pond	Hills 3691499.3	-	-	-	-	-	-	-	0.9	0.002	0.029	0.03	-	-	-	-
Pond 4	B	24-Jun-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	8-Jul-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	22-Jul-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	5-Aug-09	discharge	Hills	-	< 5.0	< 0.0020	-	-	6.4	6.2	-	-	-	-	-	-	-	-
Pond 4	B	18-Aug-09	discharge	Hills	-	< 5.0	0.0028	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	2-Sep-09	discharge	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	15-Sep-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	30-Sep-09	pond	Hills	-	< 5.0	0.0026	-	-	5.1	4.4	-	-	-	-	-	-	-	-
Pond 4	B	14-Oct-09	discharge	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	28-Oct-09	discharge	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	10-Nov-09	weir	Hills	-	< 5.0	0.0028	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	25-Nov-09	pond	Hills	-	< 5.0	0.011	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	2-Dec-09	pond	Hills	-	< 5.0	0.01	-	-	8.2	7.9	-	-	-	-	-	-	-	-
Pond 4	B	16-Dec-09	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	8-Jan-10	pond	Hills	-	< 5.0	0.0026	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	20-Jan-10	pond	Hills	-	< 5.0	0.0036	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	3-Feb-10	pond	Hills	-	< 5.0	0.006	-	-	6.9	6.1	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	B	17-Feb-10	pond	Hills	-	< 5.0	0.0029	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	3-Mar-10	pond	Hills	-	< 5.0	< 0.0020	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	26-May-10	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	9-Jun-10	discharge	Hills	-	< 5	0.003	-	-	7.2	7.1	-	-	-	-	-	-	-	-
Pond 4	B	23-Jun-10	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	7-Jul-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	21-Jul-10	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	4-Aug-10	discharge	Hills	-	< 5	0.002	-	-	6.4	6.2	-	-	-	-	-	-	-	-
Pond 4	B	18-Aug-10	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	1-Sep-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	14-Sep-10	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	27-Sep-10	discharge	Hills	-	< 5	0.003	-	-	6.8	6.4	-	-	-	-	-	-	-	-
Pond 4	B	13-Oct-10	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	27-Oct-10	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	10-Nov-10	pond	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	24-Nov-10	pond	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	1-Dec-10	pond	Hills	-	< 5	0.004	-	-	5.5	5.2	-	-	-	-	-	-	-	-
Pond 4	B	15-Dec-10	pond	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	5-Jan-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	19-Jan-11	pond	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	2-Feb-11	discharge	Hills	-	< 5	0.003	-	-	6	5.9	-	-	-	-	-	-	-	-
Pond 4	B	16-Feb-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	2-Mar-11	de-silting	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	30-Mar-11	discharge	Hills	-	< 5	0.003	-	-	5.8	5.4	-	-	-	-	-	-	-	-
Pond 4	B	13-Apr-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	28-Apr-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	11-May-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	25-May-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	8-Jun-11	discharge	Hills	-	< 5	0.003	-	-	7.9	8.2	-	-	-	-	-	-	-	-
Pond 4	B	22-Jun-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	6-Jul-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	20-Jul-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	3-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	5.6	5.8	-	-	-	-	-	-	-	-
Pond 4	B	17-Aug-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	31-Aug-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	14-Sep-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	28-Sep-11	discharge	Hills	-	< 5	< 0.002	-	-	6.8	7.4	-	-	-	-	-	-	-	-
Pond 4	B	12-Oct-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	26-Oct-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Nov-11	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	22-Nov-11	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	30-Nov-11	discharge	Hills	-	< 5	< 0.002	-	-	6.3	6.3	-	-	-	-	-	-	-	-
Pond 4	B	14-Dec-11	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Jan-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	18-Jan-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	C	1-Feb-12	discharge	Hills	-	< 5	< 0.002	-	-	7.8	7	-	-	-	-	-	-	-	-
Pond 4	B	15-Feb-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	29-Feb-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	14-Mar-12	discharge	Hills	-	< 5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	28-Mar-12	discharge	Hills	-	< 5	0.003	-	-	5.9	5.8	-	-	-	-	-	-	-	-
Pond 4	B	11-Apr-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	23-Apr-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-May-12	discharge	Hills	-	< 5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	23-May-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	6-Jun-12	discharge	Hills	-	< 5	< 0.002	-	-	6	5.9	-	-	-	-	-	-	-	-
Pond 4	B	20-Jun-12	discharge	Hills	-	< 5	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	4-Jul-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	18-Jul-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	1-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	4.9	4.5	-	-	-	-	-	-	-	-
Pond 4	B	15-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	29-Aug-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	12-Sep-12	discharge	Hills	-	< 5	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	26-Sep-12	discharge	Hills	-	< 5	< 0.002	-	-	4.8	4.5	-	-	-	-	-	-	-	-
Pond 4	B	10-Oct-12	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	24-Oct-12	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	7-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	21-Nov-12	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	5-Dec-12	pond	Hills	-	5	0.002	-	-	3.9	3.6	-	-	-	-	-	-	-	-
Pond 4	B	19-Dec-12	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Jan-13	discharge	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	23-Jan-13	discharge	Hills	-	5	0.002	-	-	4.6	4	-	-	-	-	-	-	-	-
Pond 4	B	5-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	20-Feb-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	6-Mar-13	pond	Hills	-	5	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	20-Mar-13	discharge	Hills	-	5	0.002	-	-	6.4	6.2	-	-	-	-	-	-	-	-
Pond 4	B	3-Apr-13	pond	Hills	-	8	0.013	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	17-Apr-13	pond	Hills	-	5	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	1-May-13	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	15-May-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	29-May-13	discharge	Hills	-	*5*	0.003	-	-	8.3	9.1	-	-	-	-	-	-	-	-
Pond 4	B	12-Jun-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	26-Jun-13	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	10-Jul-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	24-Jul-13	discharge	Hills	-	*5*	*0.002*	-	-	n Progres	8.2	-	-	-	-	-	-	-	-
Pond 4	B	6-Aug-13		Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	20-Aug-13	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	3-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	18-Sep-13	discharge	Hills	-	*5*	*0.002*	-	-	6	6.1	-	-	-	-	-	-	-	-
Pond 4	B	2-Oct-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	16-Oct-13	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	B	30-Oct-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	Special	6-Nov-13	pond	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	12-Nov-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	26-Nov-13	pond	Hills	-	*5*	*0.002*	-	-	5.1	5.2	-	-	-	-	-	-	-	-
Pond 4	B	18-Dec-13	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	3-Jan-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	14-Jan-14	discharge	Hills	-	*5*	0.003	-	-	4.9	4.9	-	-	-	-	-	-	-	-
Pond 4	B	30-Jan-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	13-Feb-14	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	27-Feb-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	12-Mar-14	pond	Hills	-	*5*	*0.002*	-	-	5.4	5.1	-	-	-	-	-	-	-	-
Pond 4	B	25-Mar-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Apr-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	28-Apr-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	6-May-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	21-May-14	pond	Hills	-	*5*	*0.002*	-	-	5.5	5.4	-	-	-	-	-	-	-	-
Pond 4	B	5-Jun-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	18-Jun-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	2-Jul-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	15-Jul-14	discharge	Hills	-	*5*	*0.002*	-	-	5.8	5.7	-	-	-	-	-	-	-	-
Pond 4	B	30-Jul-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	14-Aug-14	discharge	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	25-Aug-14	discharge	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	11-Sep-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	23-Sep-14	discharge	Hills	-	*5*	*0.002*	-	-	5.8	5.6	-	-	-	-	-	-	-	-
Pond 4	B	7-Oct-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	16-Oct-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	4-Nov-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	19-Nov-14	discharge	Hills	-	*5*	*0.002*	-	-	5.4	5.7	-	-	-	-	-	-	-	-
Pond 4	B	1-Dec-14	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	18-Dec-14	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	5-Jan-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	19-Jan-15	pond	Hills	-	*5*	*0.002*	-	-	5.1	5.3	-	-	-	-	-	-	-	-
Pond 4	B	29-Jan-15	pond	Hills	-	*5*	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	10-Feb-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	24-Feb-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	12-Mar-15	pond	Hills	-	*5*	0.003	-	-	5.2	5.4	-	-	-	-	-	-	-	-
Pond 4	B	26-Mar-15	pond	Hills	-	*5*	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	21-Apr-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	6-May-15	pond	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	19-May-15	discharge	Hills	-	*5*	*0.002*	-	-	6.3	6.7	-	-	-	-	-	-	-	-
Pond 4	B	3-Jun-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	16-Jun-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	B	29-Jun-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	14-Jul-15	pond	Hills	-	*5*	*0.002*	-	-	6.6	7	-	-	-	-	-	-	-	-
Pond 4	B	30-Jul-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	12-Aug-15	discharge	Hills	-	*5*	*0.002*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	24-Aug-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	8-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	22-Sep-15	discharge	Hills	-	*5*	*0.02*	-	-	5.2	5.2	-	-	-	-	-	-	-	-
Pond 4	B	8-Oct-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	21-Oct-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	4-Nov-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	17-Nov-15	pond	Hills	-	*5*	*0.02*	-	-	4.4	4	-	-	-	-	-	-	-	-
Pond 4	B	30-Nov-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	15-Dec-15	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	5-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	12-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	4.9	5.2	-	-	-	-	-	-	-	-
Pond 4	B	27-Jan-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	9-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	24-Feb-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	9-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	6.3	6.7	-	-	-	-	-	-	-	-
Pond 4	B	23-Mar-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	6-Apr-16	pond	Hills	-	*5*	*0.02*	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	3-May-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	18-May-16	pond	Hills	-	-	-	-	-	6.4	6.9	-	-	-	-	-	-	-	-
Pond 4	B	3-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	18-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	29-Jun-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	13-Jul-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	27-Jul-16	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	H	12-Aug-16	discharge	Hills	*2*	*5*	*0.02*	-	-	4.4	4.1	-	-	-	-	-	-	-	-
Pond 4	**B**	27-Aug-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	7-Sep-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	22-Sep-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	4-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	20-Oct-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	3-Nov-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	22-Nov-16	pond	Hills	4	-	-	-	-	5.9	5.9	-	-	-	-	-	-	-	-
Pond 4	**B**	30-Nov-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	Retest	12-Dec-16	Pond	Hills	*2*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	13-Dec-16	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	5-Jan-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	12-Jan-17	pond	Hills	*2*	-	-	-	-	5.2	5.1	-	-	-	-	-	-	-	-
Pond 4	**B**	31-Jan-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**H**	9-Feb-17	pond	Hills	*2*	*5*	*0.02*	-	-	5.2	5.3	-	-	-	-	-	-	-	-
Pond 4	**B**	22-Feb-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	9-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	**B**	22-Mar-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	3-Apr-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	20-Apr-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	5-May-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	31-May-17	pond	Hills	*2*	-	-	-	-	4.3	4.6	-	-	-	-	-	-	-	-
Pond 4	**B**	13-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	22-Jun-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	11-Jul-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	27-Jul-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	18-Aug-17	discharge	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**H**	30-Aug-17	discharge	Hills	*2*	*5*	*0.02*	-	-	4.8	4.8	-	-	-	-	-	-	-	-
Pond 4	**B**	14-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	28-Sep-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	11-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	26-Oct-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	9-Nov-17	Pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	C	23-Nov-17	pond	Hills	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	6-Dec-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	**B**	21-Dec-17	pond	Hills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	10-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	B	23-Jan-18	Pond	Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pond 4	H	8-Feb-18	Pond	Hills	*2*	*5*	*0.02*	-	-	5	4.8	-	-	-	-	-	-	-	-
Pond 4	**B**	28-Feb-18	Pond	Hills	-	-	-	-	-	-	-	0.8	0.003	0.013	0.016	-	-	-	-
Pond 4	**B**	8-Mar-18	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	29-Mar-18	Pond	Hills	-	-	-	-	-	-	-	0.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	12-Apr-18	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	24-Apr-18	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.004*	*0.04*	*0.043*	-	-	-	-
Pond 4	**B**	9-May-18	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**C**	29-May-18	Pond	Hills	*2*	-	-	-	-	6.6	6.5	1.1	*0.004*	*0.023*	*0.027*	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	14-Jun-18	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.017*	*0.22*	*0.24*	-	-	-	-
Pond 4	**B**	28-Jun-18	Pond	Hills	-	-	-	-	-	-	-	1.4	*0.1*	*0.9*	*1*	-	-	-	-
Pond 4	**B**	16-Jul-18	Pond	Hills	-	-	-	-	-	-	-	1	0.031	0.91	0.94	-	-	-	-
Pond 4	**C**	18-Jul-18	Pond	Hills	*2*	-	-	-	-	4.1	4.2	0.9	0.033	0.89	0.92	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	26-Jul-18	Pond	Hills	-	-	-	-	-	-	-	1	*0.022*	*1.05*	*1.07*	-	-	-	-
Pond 4	**B**	9-Aug-18	Pond	Hills	-	-	-	-	-	-	-	1	*0.006*	*0.29*	*0.3*	-	-	-	-
Pond 4	**H**	23-Aug-18	Pond	Hills	*2*	*5*	*0.02*	-	-	5.5	5.6	1	*0.002*	*0.002*	*0.002*	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	11-Sep-18	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	25-Sep-18	Pond	Hills	-	-	-	-	-	-	-	0.9	*0.002*	0.006	0.007	-	-	-	-
Pond 4	**B**	9-Oct-18	discharge	Hills	-	-	-	-	-	-	-	1.1	*0.002*	0.012	0.013	-	-	-	-
Pond 4	**B**	23-Oct-18	Pond	Hills	-	-	-	-	-	-	-	1.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	6-Nov-18	Pond	Hills	-	-	-	-	-	-	-	1.3	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**C**	20-Nov-18	Pond	Hills	*3*	-	-	-	-	5.1	4.7	1.4	*0.002*	*0.002*	*0.002*	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	6-Dec-18	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	20-Dec-18	Pond	Hills	-	-	-	-	-	-	-	1.1	*0.002*	0.003	0.005	-	-	-	-
Pond 4	**B**	8-Jan-19	Discharge	Hills	-	-	-	-	-	-	-	0.9	*0.002*	*0.002*	*0.002*	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	**B**	22-Jan-19	Pond	Hills	-	-	-	-	-	-	-	1	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**H**	7-Feb-19	Pond	Hills	*2*	*5*	*0.02*	-	-	5.1	5.2	1.3	*0.002*	*0.002*	0.003	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	20-Feb-19	Pond	Hills	-	-	-	-	-	-	-	1.6	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	7-Mar-19	Pond	Hills	-	-	-	-	-	-	-	1.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	27-Mar-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	10-Apr-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	26-Apr-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	15-May-19	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.010*	*0.002*	*0.002*	-	-	-	-
Pond 4	**C**	27-May-19	Pond	Hills	*2*	-	-	-	-	5.7	6.1	1.3	*0.002*	*0.002*	0.003	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	11-Jun-19	Pond	Hills	-	-	-	-	-	-	-	1.4	0.038	0.52	0.55	-	-	-	-
Pond 4	**B**	25-Jun-19	Pond	Hills	-	-	-	-	-	-	-	1.7	0.019	0.480	0.500	-	-	-	-
Pond 4	**B**	9-Jul-19	Discharge	Hills	-	-	-	-	-	-	-	1.5	0.031	1.01	1.04	-	-	-	-
Pond 4	**B**	22-Jul-19	Discharge	Hills	-	-	-	-	-	-	-	1.3	0.013	0.5	0.52	-	-	-	-
Pond 4	**B**	6-Aug-19	Discharge	Hills	-	-	-	-	-	-	-	1.5	0.004	0.23	0.23	-	-	-	-
Pond 4	**H**	21-Aug-19	Discharge	Hills	*2*	*5*	*0.02*	-	-	8.8	8.5	1.3	0.012	0.3	0.31	*0.06*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	3-Sep-19	Pond	Hills	-	-	-	-	-	-	-	1.4	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	18-Sep-19	Pond	Hills	-	-	-	-	-	-	-	1.2	0.011	0.168	0.179	-	-	-	-
Pond 4	**B**	1-Oct-19	Discharge	Hills	-	-	-	-	-	-	-	1.3	0.004	0.073	0.077	-	-	-	-
Pond 4	**B**	18-Oct-19	Discharge	Hills	-	-	-	-	-	-	-	1.2	0.016	0.26	0.27	-	-	-	-
Pond 4	**B**	5-Nov-19	Pond	Hills	-	-	-	-	-	-	-	1.7	*0.002*	*0.002*	0.002	-	-	-	-
Pond 4	**C**	19-Nov-19	Pond	Hills	*2*	-	-	-	-	4.7	4.9	1.7	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	2-Dec-19	Pond	Hills	-	-	-	-	-	-	-	1.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	17-Dec-19	Pond	Hills	-	-	-	-	-	-	-	1.9	*0.002*	0.003	0.004	-	-	-	-
Pond 4	**B**	7-Jan-20	Pond	Hills	-	-	-	-	-	-	-	1.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	22-Jan-20	Pond	Hills	-	-	-	-	-	-	-	1.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**H**	5-Feb-20	Pond	Hills	4	*5*	*0.02*	-	-	7	7.1	1.9	*0.002*	0.006	0.007	-	-	-	-
Pond 4	**B**	25-Feb-20	Pond	Hills	-	-	-	-	-	-	-	1.8	*0.002*	0.003	0.004	-	-	-	-
Pond 4	**B**	10-Mar-20	Pond	Hills	-	-	-	-	-	-	-	1.9	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	23-Mar-20	Pond	Hills	-	-	-	-	-	-	-	2	*0.002*	0.005	0.006	-	-	-	-
Pond 4	**B**	6-Apr-20	Pond	Hills	-	-	-	-	-	-	-	2	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**B**	22-Apr-20	Pond	Hills	-	-	-	-	-	-	-	1.8	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	**C**	11-May-20	Pond	Hill	*2*	-	-	-	-	10.9	11.5	1.4	0.005	0.088	0.093	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	26-May-20	Pond	Hills	-	-	-	-	-	-	-	1.2	*0.002*	0.019	0.021	-	-	-	-
Pond 4	**B**	9-Jun-20	Pond	Hills	-	-	-	-	-	-	-	2.1	0.092	0.69	0.78	-	-	-	-
Pond 4	**B**	23-Jun-20	Pond	Hills	-	-	-	-	-	-	-	2.1	0.10	0.80	0.90	-	-	-	-
Pond 4	**B**	8-Jul-20	Discharge	Hills	-	-	-	-	-	-	-	2.1	0.058	0.62	0.68	-	-	-	-
Pond 4	**B**	23-Jul-20	Pond	Hills	-	-	-	-	-	-	-	1.7	0.037	0.105	0.143	-	-	-	-
Pond 4	**B**	11-Aug-20	Pond	Hills	-	-	-	-	-	-	-	2.9	0.03	0.066	0.097	-	-	-	-
Pond 4	**H**	25-Aug-20	Pond	Hills	*2*	*5*	*0.02*	-	-	14.4	14.3	4.5	0.143	0.011	0.153	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	**C**	7-Sep-20	Pond	Hills	5	-	-	-	-	14.2	14.6	4.5	0.25	0.3	0.55	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	**B**	22-Sep-20	Pond	Hills	-	-	-	-	-	-	-	4.9	0.22	0.63	0.85	-	-	-	-
Pond 4	**B**	6-Oct-20	Pond	Hills	-	-	-	-	-	-	-	4.8	0.06	0.42	0.48	-	-	-	-
Pond 4	**B**	20-Oct-20	Pond	Hills	-	-	-	-	-	-	-	4.1	0.004	0.003	0.007	-	-	-	-
Pond 4	**C**	4-Nov-20	Pond	Hills	*2*	-	-	-	-	13.6	13.6	4.7	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	18-Nov-20	Pond	Hill	-	-	-	-	-	-	-	2.2	0.015	0.125	0.140	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	B	2-Dec-20	Pond	Hill	-	-	-	-	-	-	-	2.3	0.002	0.007	0.008	-	-	-	-
Pond 4	B	17-Dec-20	Pond	Hill	-	-	-	-	-	-	-	3.1	0.002	0.008	0.009	-	-	-	-
Pond 4	B	11-Jan-21	Pond	Hill	-	-	-	-	-	-	-	3.3	0.002	0.009	0.009	-	-	-	-
Pond 4	B	25-Jan-21	Pond	Hill	-	-	-	-	-	-	-	3.4	0.002	0.024	0.024	-	-	-	-
Pond 4	H	10-Feb-21	Pond	Hill	2	5	0.02	-	-	7.3	8.3	3.9	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 4	B	24-Feb-21	Pond	Hill	-	-	-	-	-	-	-	2.6	0.002	0.014	0.015	-	-	-	-
Pond 4	B	9-Mar-21	Pond	Hill	-	-	-	-	-	-	-	2.8	0.002	0.002	0.002	-	-	-	-
Pond 4	B	25-Mar-21	Pond	Hill	-	-	-	-	-	-	-	2.8	0.002	0.006	0.006	-	-	-	-
Pond 4	B	8-Apr-21	Discharge	Hill	-	-	-	-	-	-	-	1.4	0.002	0.002	0.002	-	-	-	-
Pond 4	B	22-Apr-21	Pond	Hill	-	-	-	-	-	-	-	1.5	0.002	0.002	0.002	-	-	-	-
Pond 4	B	6-May-21	Pond	Hill	-	-	-	-	-	-	-	1.7	0.002	0.002	0.002	-	-	-	-
Pond 4	C	20-May-21	Pond	Hill	2	-	-	-	-	8.5	9.1	1.7	0.018	0.151	0.169	0.1	0.2	0.4	0.7
Pond 4	B	3-Jun-21	Pond	Hill	-	-	-	-	-	-	-	1.8	0.002	0.002	0.002	-	-	-	-
Pond 4	B	17-Jun-21	Pond	Hill	-	-	-	-	-	-	-	1.6	0.008	0.044	0.053	-	-	-	-
Pond 4	B	1-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1.3	0.003	0.002	0.002	-	-	-	-
Pond 4	B	16-Jul-21	Pond	Hill	-	-	-	-	-	-	-	1.5	0.002	0.002	0.002	-	-	-	-
Pond 4	H	2-Aug-21	Pond	Hill	2	5	0.02	-	-	6	6.3	1.2	0.004	0.088	0.092	0.1	0.2	0.4	0.7
Pond 4	B	16-Aug-21	Pond	Hill	-	-	-	-	-	-	-	1.3	0.002	0.002	0.002	-	-	-	-
Pond 4	B	30-Aug-21	Pond	Hill	-	-	-	-	-	-	-	1.4	0.002	0.002	0.002	-	-	-	-
Pond 4	B	13-Sep-21	Pond	Hill	-	-	-	-	-	-	-	1	0.002	0.002	0.002	-	-	-	-
Pond 4	B	27-Sep-21	Pond	Hill	-	-	-	-	-	-	-	0.8	0.006	0.049	0.055	-	-	-	-
Pond 4	B	11-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.9	0.002	0.017	0.018	-	-	-	-
Pond 4	B	26-Oct-21	Pond	Hill	-	-	-	-	-	-	-	0.9	0.009	0.087	0.097	-	-	-	-
Pond 4	C	8-Nov-21	Pond	Hill	2	-	-	-	-	5.4	5.6	1	0.004	0.006	0.010	0.1	0.2	0.4	0.7
Pond 4	B	23-Nov-21	Pond	Hill	-	-	-	-	-	-	-	1.2	0.002	0.002	0.002	-	-	-	-
Pond 4	B	7-Dec-21	Pond	Hill	-	-	-	-	-	-	-	1.4	0.002	0.012	0.013	-	-	-	-
Pond 4	B	20-Dec-21	Pond	Hill	-	-	-	-	-	-	-	1.5	0.002	0.002	0.002	-	-	-	-
Pond 4	B	6-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1.7	0.002	0.014	0.016	-	-	-	-
Pond 4	B	20-Jan-22	Pond	Hill	-	-	-	-	-	-	-	1.9	0.002	0.002	0.002	-	-	-	-
Pond 4	B	3-Feb-22	Pond	Hill	-	-	-	-	-	-	-	2	0.002	0.002	0.002	-	-	-	-
Pond 4	H	17-Feb-22	Pond	Hill	2	5	0.02	-	-	7.7	7.9	2	0.002	0.002	0.002	0.1	0.2	0.4	0.7
Pond 4	B	7-Mar-22	Pond	Hill	-	-	-	-	-	-	-	2	0.002	0.002	0.002	-	-	-	-
Pond 4	B	22-Mar-22	Pond	Hill	-	-	-	-	-	-	-	1.6	0.019	0.038	0.057	-	-	-	-
Pond 4	B	5-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1.6	0.005	0.031	0.036	-	-	-	-
Pond 4	B	19-Apr-22	Pond	Hill	-	-	-	-	-	-	-	1.4	0.003	0.023	0.026	-	-	-	-
Pond 4	C	9-May-22	Pond	Hill	2	-	-	-	-	11.2	11.1	1.6	0.019	0.061	0.100	0.1	0.2	0.4	0.7
Pond 4	B	23-May-22	Pond	Hill	-	-	-	-	-	-	-	1.4	0.006	0.042	0.048	-	-	-	-
Pond 4	B	8-Jun-22	Discharge	Hill	-	-	-	-	-	-	-	1.5	0.013	0.600	0.610	-	-	-	-
Pond 4	B	22-Jun-22	Pond	Hill	-	-	-	-	-	-	-	1.6	0.019	0.270	0.280	-	-	-	-
Pond 4	B	5-Jul-22	Pond	Hill	-	-	-	-	-	-	-	1.6	0.005	0.110	0.115	-	-	-	-
Pond 4	B	19-Jul-22	Pond	Hill	-	-	-	-	-	-	-	2.5	0.002	0.004	0.006	-	-	-	-
Pond 4	H	1-Aug-22	Pond	Hill	2	5	0.02	-	-	5.5	5.9	1.8	0.028	0.114	0.143	0.1	0.2	0.4	0.7
Pond 4	B	15-Aug-22	Pond	Hill	-	-	-	-	-	-	-	1.2	0.012	0.137	0.149	-	-	-	-
Pond 4	B	29-Aug-22	Pond	Hill	-	-	-	-	-	-	-	1.5	0.006	0.139	0.145	-	-	-	-
Pond 4	B	12-Sep-22	Pond	Hill 3075387.4	-	-	-	-	-	-	-	1.2	0.004	0.079	0.083	-	-	-	-

			Parameter		Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
			Conditions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 80% freshwater		-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
			ANZECC 95% freshwater		-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 stream sites		-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 stream sites		-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 1 Pond outlets		-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
			Trigger Level 2 Pond outlets		-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
			Mean		2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
			Median		2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
			95th percentile		4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
			Unit		g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	B	27-Sep-22	Pond	Hill 3085123.4	-	-	-	-	-	-	-	1.4	*0.002*	0.004	0.005	-	-	-	-
Pond 4	B	10-Oct-22	Pond	Hill 3095159.4	-	-	-	-	-	-	-	1.5	0.004	0.041	0.046	-	-	-	-
Pond 4	B	25-Oct-22	Pond	Hill 3104306.4	-	-	-	-	-	-	-	1.7	*0.002*	0.006	0.006	-	-	-	-
Pond 4	C	8-Nov-22	Pond	Hill 3113136.3	*2*	-	-	-	-	6	6.1	1.8	0.002	0.009	0.011	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	22-Nov-22	Pond	Hill 3122370.4	-	-	-	-	-	-	-	1.4	0.008	0.069	0.076	-	-	-	-
Pond 4	B	6-Dec-22	Pond	Hill 3132692.4	-	-	-	-	-	-	-	1.8	*0.002*	0.014	0.014	-	-	-	-
Pond 4	B	22-Dec-22	Pond	Hill 3143778.4	-	-	-	-	-	-	-	1.7	*0.002*	*0.002*	*0.002*	-	-	-	-
Pond 4	B	9-Jan-23	Discharge	Hill 3149230.4	-	-	-	-	-	-	-	1.4	0.015	0.117	0.131	-	-	-	-
Pond 4	B	23-Jan-23	Pond	Hill 3159105.4	-	-	-	-	-	-	-	1.4	*0.002*	0.008	0.010	-	-	-	-
Pond 4	H	7-Feb-23	Pond	Hill 3168184.4	*2*	*5*	*0.02*	-	-	7.9	8.1	2.4	*0.002*	*0.002*	*0.002*	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	22-Feb-23	Pond	Hill 3182080.4	-	-	-	-	-	-	-	2.2	*0.002*	0.002	0.002	-	-	-	-
Pond 4	B	6-Mar-23	Pond	Hill 3196731.4	-	-	-	-	-	-	-	1.4	0.002	0.002	*0.002*	-	-	-	-
Pond 4	B	21-Mar-23	Pond	Hill 3212032.4	-	-	-	-	-	-	-	1.7	0.004	0.023	0.027	-	-	-	-
Pond 4	B	7-Apr-23	Pond	Hill 3233901.4	-	-	-	-	-	-	-	1.6	0.013	0.036	0.049	-	-	-	-
Pond 4	B	21-Apr-23	Pond	Hill 3252438.4	-	-	-	-	-	-	-	1.6	0.040	0.071	0.111	-	-	-	-
Pond 4	C	12-May-23	Pond	Hill 3275086.7	*2*	-	-	-	-	4.6	4.8	1.1	0.018	0.147	0.165	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	30-May-23	Pond	Hill 3290923.4	-	-	-	-	-	-	-	1	0.016	0.2	0.22	-	-	-	-
Pond 4	B	15-Jun-23	Pond	Hill 3302102.4	-	-	-	-	-	-	-	1	0.012	0.168	0.181	-	-	-	-
Pond 4	B	16-Jun-23	Pond	Hill 3307617.4	-	-	-	-	-	-	-	1	0.007	0.15	0.157	-	-	-	-
Pond 4	B	4-Jul-23	Pond	Hill 3315701.4	-	-	-	-	-	-	-	1	0.015	0.193	0.21	-	-	-	-
Pond 4	B	20-Jul-23	Pond	Hill 3326110.4	-	-	-	-	-	-	-	1.5	0.028	0.165	0.193	-	-	-	-
Pond 4	B	10-Aug-23	Pond	Hill 3340739.4	-	-	-	-	-	-	-	1.7	0.003	0.024	0.027	-	-	-	-
Pond 4	B	18-Aug-23	Pond	Hill 3345212.4	-	-	-	-	-	-	-	1.6	0.002	0.051	0.052	-	-	-	-
Pond 4	B	7-Sep-23	Pond	Hill 3360107.4	-	-	-	-	-	-	-	1.3	0.007	0.12	0.127	-	-	-	-
Pond 4	B	13-Sep-23	Pond	Hill 3363106.4	-	-	-	-	-	-	-	1.2	0.007	0.139	0.146	-	-	-	-
Pond 4	B	6-Oct-23	Pond	Hill 3381015.4	-	-	-	-	-	-	-	0.9	0.01	0.06	0.07	-	-	-	-
Pond 4	B	12-Oct-23	Pond	Hill 3383860.4	-	-	-	-	-	-	-	1.6	*0.002*	0.068	0.07	-	-	-	-
Pond 4	B	3-Nov-23	Pond	Hill 3399556.4	-	-	-	-	-	-	-	1.5	0.003	0.026	0.029	-	-	-	-
Pond 4	H	8-Nov-23	Pond	Hill 3403609.3	2	*0.02*	-	-	-	5.5	5.7	1.3	0.002	0.004	0.005	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	24-Nov-23	Pond	Hill 3414745.4	-	-	-	-	-	-	-	1.4	*0.002*	0.009	0.01	-	-	-	-
Pond 4	C	22-Nov-23	Pond	Hills 3412758.4	*2*	-	-	-	-	5.3	5.7	1.2	*0.002*	0.015	0.016	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	8-Dec-23	Pond	Hills 3424896.4	-	-	-	-	-	-	-	1.5	0.004	0.046	0.05	-	-	-	-
Pond 4	B	20-Dec-23	Pond	Hills 3434878.4	-	-	-	-	-	-	-	1.6	*0.002*	0.009	0.011	-	-	-	-
Pond 4	B	8-Jan-24	Pond	Hills 3440416.4	-	-	-	-	-	-	-	1.3	*0.002*	*0.002*	0.002	-	-	-	-
Pond 4	B	18-Jan-24	Pond	Hills 3447519.4	-	-	-	-	-	-	-	1.3	*0.002*	*0.002*	0.007	-	-	-	-
Pond 4	H	5-Feb-24	Pond	Hills 3459798.4	5	-	-	-	-	4.3	4.8	1.5	*0.002*	0.005	0.006	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	15-Feb-24	Pond	Hills 3468936.4	-	-	-	-	-	-	-	1.6	*0.002*	0.003	0.004	-	-	-	-
Pond 4	B	29-Feb-24	Pond	Hills 3483686.4	-	-	-	-	-	-	-	1.8	*0.002*	0.005	0.005	-	-	-	-
Pond 4	B	27-Mar-24	Pond	Hills 3499045.4	-	-	-	-	-	-	-	1.7	*0.002*	0.015	0.016	-	-	-	-
Pond 4	B	27-Mar-24	Pond	Hills 3522038.4	-	-	-	-	-	-	-	1.6	*0.002*	0.015	0.016	-	-	-	-
Pond 4	B	12-Apr-24	Pond	Hills 3541327.4	-	-	-	-	-	-	-	1.7	*0.002*	0.025	0.026	-	-	-	-
Pond 4	B	24-Apr-24	Pond	Hills 3559570.4	-	-	-	-	-	-	-	1.2	*0.002*	0.018	0.019	-	-	-	-
Pond 4	B	9-May-24	Pond	Hills 3577819.4	-	-	-	-	-	-	-	1.3	*0.002*	0.015	0.015	-	-	-	-
Pond 4	C	27-May-24	Pond	Hills 3593002.4	2	-	-	-	-	5.3	5.6	1.1	*0.002*	0.019	0.021	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	11-Jun-24	Pond	Hills 3604225.4	-	-	-	-	-	-	-	1.2	0.004	0.022	0.026	-	-	-	-

				Parameter	Oil & grease	Volatile Acids	Phenols, total	Vol Organics	Semi vol orgs	Total Anions	Total Cations	Sodium Absorption Ratio [SAR]	Nitrite	Nitrate, diss	Nitrate+Nitrite	C7 - C9	C10 - C14	C15 - C36	Total hydrocarbons (C7 - C36)
				Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 80% freshwater	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
				ANZECC 95% freshwater	-	-	0.32	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 stream sites	-	12	0.01	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 stream sites	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 1 Pond outlets	-	25	0.015	-	-	-	-	-	-	-	-	-	-	-	-
				Trigger Level 2 Pond outlets	-	100	0.1	-	-	-	-	-	-	-	-	-	-	-	-
				Mean	2.4	5.3	0.00572	-	-	5.8	5.8	1.2	0.01	0.10	0.11	0.09	0.20	0.40	0.70
				Median	2.0	5.0	0.0029	-	-	5.6	5.7	1.1	0.002	0.007	0.008	0.10	0.20	0.40	0.70
				95th percentile	4.0	5.0	0.020	-	-	9.1	9.3	2.8	0.048	0.66	0.77	0.10	0.20	0.40	0.70
				Unit	g/m3	g/m3	g/m3	-	-	-	-	-	-	-	-	g/m3	g/m3	g/m3	g/m3
Pond	**List**	**Date**	**Place**	**Lab**															
Pond 4	B	24-Jun-24	Pond	Hills 3614230.4	-	-	-	-	-	-	-	0.9	*0.016*	0.153	0.169	-	-	-	-
Pond 4	B	18-Jul-24	Pond	Hills 3632050.4	-	-	-	-	-	-	-	0.9	*0.01*	0.185	0.195	-	-	-	-
Pond 4	H	2-Aug-24	Pond	Hills 3641802.4	2	*5*	*0.02*	-	-	6	5.8	1	0.01	0.098	0.108	*0.1*	*0.2*	*0.4*	*0.7*
Pond 4	B	16-Aug-24	Pond	Hills 3651692.4	-	-	-	-	-	-	-	1.1	*0.002*	0.013	0.014	-	-	-	-
Pond 4	B	29-Aug-24	Pond	Hills 3660407.4	-	-	-	-	-	-	-	1.2	0.002	0.006	0.008	-	-	-	-
Pond 4	B	12-Sep-24	Pond	Hills 3671006.4	-	-	-	-	-	-	-	1.2	0.002	0.002	0.002	-	-	-	-
Pond 4	B	26-Sep-24	Pond	Hills 3681023.4	-	-	-	-	-	-	-	1.1	0.002	0.016	0.019	-	-	-	-
Pond 4	B	10-Oct-24	Pond	Hills 3691499.4	-	-	-	-	-	-	-	1.2	0.003	0.21	0.22	-	-	-	-

Notes:

- = not available or not sampled for

< = below detection limit

= concentration exceeds Trigger Level 1 for pond outlets

= concentration exceeds Trigger Level 2 for pond outlets

Appendix D Current trigger levels

REDVALE LANDFILL

SURFACE WATER QUALITY - TRIGGER LEVEL 1

Waste Management

TL1 is exceeded if any one parameter from any one sample from any one site exceeds the value tabulated below.

PARAMETER	UNIT	Pond 1	Pond 2	Pond 3	Pond 4	Stream site #1	Stream site #2	Stream site #3	W/wash holding pond
Flow rate	litres/second	1410	180	1200	600			(Note 1)	
Alkalinity	g/m3 as CaCO3	150	150	150	150	no	138	90	
Aluminium diss	g/m3	1.000	1.000	1.000	1	limit	0.33	0.400	
Aluminium total	g/m3					applies			
Ammonia N @pH<8.0	g/m3 as N	0.9	0.9	0.9	0.9	because	0.48	0.9	1.0
Ammonia N @pH>8.0	g/m3 as N	0.2	0.2	0.2	0.2	site #1	0.23	0.2	1.0
Arsenic dissolved	g/m3	0.010	0.010	0.010	0.010	is	0.002	0.010	
BOD5	g/m3					upstream			
Boron	g/m3					from			
Cadmium diss	g/m3	0.001	0.001	0.001	0.001	all	0.00015	0.001	
Calcium	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)	landfill	(Note 2)		
Chloride	g/m3	50	50	50	50	discharges	52	50	
Chromium diss	g/m3	0.010	0.010	0.010	0.010		0.0015	0.010	
COD	g/m3	75	75	75	75		97	75	
Conductivity auto meter	mS/m	75	75	75	106				
Conductivity field	mS/m	(Note 2)	(Note 2)	(Note 2)	(Note 2)		(Note 2)	(Note 2)	(Note 2)
Conductivity lab	mS/m						45	40	100
Copper dissolved	g/m3	0.009	0.009	0.009	0.009		0.0026	0.008	
Hardness	g/m3 as CaCO3	200	200	200	200		146	200	
Iron dissolved	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Iron total	g/m3	5.500	5.500	5.500	5.5		3.3	4.000	
Lead dissolved	g/m3	0.005	0.005	0.005	0.005		0.00025	0.005	
Magnesium	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Manganese diss	g/m3	0.600	0.600	0.600	0.600		3.6	0.800	
Nickel dissolved	g/m3	0.020	0.020	0.020	0.020		0.0018	0.010	
Nitrate	g/m3 as N	(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Oxygen diss (min.)	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)		0.28	(Note 2)	
pH upper		8.9	8.9	8.9	8.9		7.8	7.7	9.0
pH lower		6.5	6.5	6.5	6.5		6.5	6.7	6.5
Phosphorus total	g/m3								
Potassium	g/m3	9	9	9	9		10	6.9	
Sodium	g/m3	200	200	200	200		32	200	
Sulphate	g/m3	200	200	200	200		62	80	
Suspended solids	g/m3	50	50	50	50		79	50	200
Temperature field	°C	28	28	28	28		25	24	31
Turbidity auto meter	NTU	60(8)	60(8)	60(8)	60(8)				
Turbidity lab	NTU						57	80	
Zinc dissolved	g/m3	0.110	0.110	0.110	0.110		0.0061	0.040	
Zinc total	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)				(Note 2)
Cation/Anion balance		(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Oil & grease	g/m3								4
Volatile Acids	g/m3	25	25	25	25		11	12	
Phenols total	g/m3	0.015	0.015	0.015	0.015		0.011	0.010	
Volatile organics	mg/m3								
Semi-volatile organics	mg/m3								
Ponds 1 - 4 abstraction	m3/day								

Note 1: Monitored either continuously, fortnightly, two-monthly or yearly, but no response limit applies.

Note 2: Analysis not required by consents but performed at discretion of site managment.

Note 3: Response actions are described in the LMP text.

Figure 4.4.3.2

REDVALE LANDFILL

SURFACE WATER QUALITY - TRIGGER LEVEL 2

TL2 is exceeded if any one parameter from any one sample from any one site exceeds the value tabulated below.

PARAMETER	UNIT	Pond 1	Pond 2	Pond 3	Pond 4	Stream site #1	Stream site #2	Stream site #3	W/wash holding pond
Flow rate	litres/second	1410	180	1200	600			(Note 1)	
Alkalinity	g/m3 as CaCO3	200	200	200	200	no	200	200	
Aluminium diss	g/m3	2.000	2.000	2.000	2.000	limit	2	2.000	
Aluminium total	g/m3					applies			
Ammonia N @pH<8.0	g/m3 as N	0.9	0.9	0.9	0.9	because	0.9	0.9	2.0
Ammonia N @pH>8.0	g/m3 as N	0.2	0.2	0.2	0.2	site #1	0.2	0.2	2.0
Arsenic dissolved	g/m3	0.050	0.050	0.050	0.050	is	0.002	0.050	
BOD5	g/m3					upstream			
Boron	g/m3					from			
Cadmium diss	g/m3	0.003	0.003	0.003	1.003	all	0.03	0.003	
Calcium	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)	landfill			
Chloride	g/m3	100	100	100	100	discharges	100	100	
Chromium diss	g/m3	0.020	0.020	0.020	0.020		0.02	0.020	
COD	g/m3	150	150	150	150		150	150	
Conductivity auto meter	mS/m	150	150	150	150				
Conductivity field	mS/m	(Note 2)	(Note 2)	(Note 2)	(Note 2)		(Note 2)	(Note 2)	(Note 2)
Conductivity lab	mS/m						150	150	200
Copper dissolved	g/m3	0.050	0.050	0.050	0.050		0.05	0.050	
Hardness	g/m3 as CaCO3	500	500	500	500		500	500	
Iron dissolved	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)		(Note 2)		
Iron total	g/m3	7.000	7.000	7.000	8.000		7	7.000	
Lead dissolved	g/m3	0.050	0.050	0.050	1.050		0.05	0.050	
Magnesium	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Manganese diss	g/m3	5.000	5.000	5.000	5.000		5	5.000	
Nickel dissolved	g/m3	0.160	0.160	0.160	0.160		0.16	0.160	
Nitrate	g/m3 as N	(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Oxygen diss (min.)	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)		(Note 2)	(Note 2)	
pH upper		9	9	9	9		9	9.0	9.1
pH lower		6.4	6.4	6.4	6.4		6.4	6.4	6.3
Phosphorus total	g/m3								
Potassium	g/m3	15	15	15	15		15	15	
Sodium	g/m3	300	300	300	300		300	300	
Sulphate	g/m3	400	400	400	400		400	400	
Suspended solids	g/m3	100	100	100	100		100	100	400
Temperature field	°C	31	31	31	31		31	31	32
Turbidity auto meter	NTU	200	200	200	200				
Turbidity lab	NTU						200	200	
Zinc dissolved	g/m3	0.110	0.110	0.110	0.110		0.11	0.110	
Zinc total	g/m3	(Note 2)	(Note 2)	(Note 2)	(Note 2)				(Note 2)
Cation/Anion balance		(Note 2)	(Note 2)	(Note 2)	(Note 2)				
Oil & grease	g/m3								10
Volatile Acids	g/m3	100	100	100	100		100	100	
Phenols total	g/m3	0.100	0.100	0.100	0.100		0.1	0.100	
Volatile organics	mg/m3								
Semi-volatile organics	mg/m3								
Ponds 1 - 4 abstraction	m3/day	200							

Note 1: Monitored either continuously, fortnightly, two-monthly or yearly, but no response limit applies.

Note 2: Analysis not required by consents but performed at discretion of site managment.

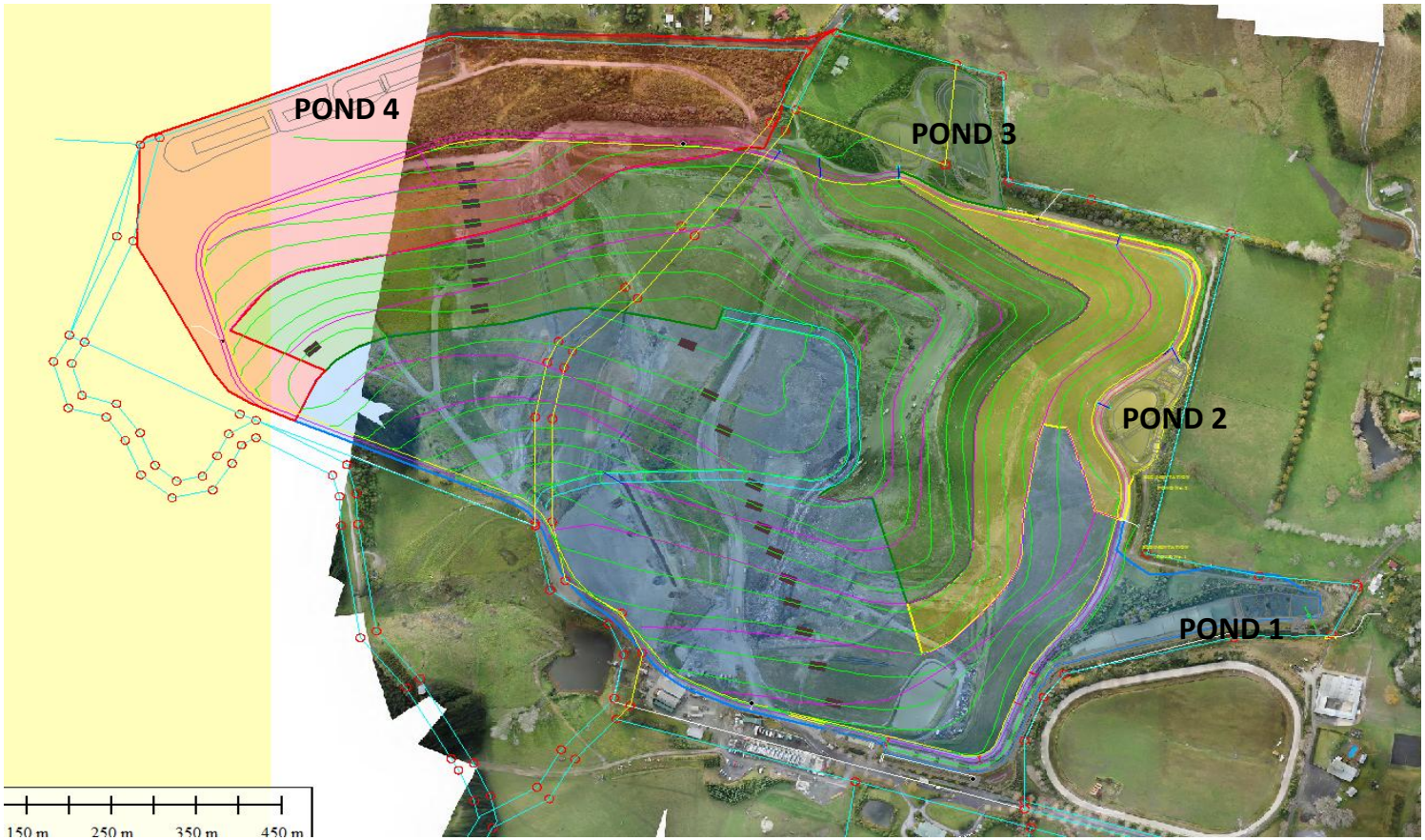
Note 3: Response actions are described in the LMP text.

Figure 4.4.3.3

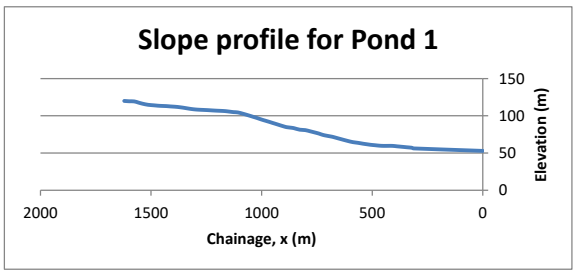
Appendix E Stormwater calculations

	Total Area	Reclaimed landfill area	Clean area	Pond
Pond 1 Catchment	30.510	28.302	1.522	0.686
Pond 2 Catchment	7.870	6.984	0.654	0.232
Pond 3 Catchment	23.376	19.242	3.196	0.939
Pond 4 Catchment	17.872	6.878	10.573	0.421

Curve Number		
Landfill	Clean	Pond
80	74	98



Elevation	Height, h	Distance from top	Distance from bottom, x	Δx	h_{ave}	$\Delta A = h_{ave}.\Delta x$ (m^2)
52.901	0.00	1621.3	0.00			
56.216	3.32	1308.8	312.50	312.50	1.66	517.97
56.685	3.78	1303.7	317.60	5.10	3.55	18.10
57.174	4.27	1298.7	322.60	5.00	4.03	20.14
57.815	4.91	1276.4	344.90	22.30	4.59	102.44
58.457	5.56	1254.1	367.20	22.30	5.24	116.74
59.022	6.12	1233.8	387.50	20.30	5.84	118.52
59.626	6.72	1213.5	407.80	20.30	6.42	130.39
59.648	6.75	1193.2	428.10	20.30	6.74	136.74
59.633	6.73	1172.8	448.50	20.40	6.74	137.49
59.93	7.03	1153.1	468.20	19.70	6.88	135.55
60.52	7.62	1133.5	487.80	19.60	7.32	143.55
61.11	8.21	1113.8	507.50	19.70	7.91	155.91
61.854	8.95	1096.2	525.10	17.60	8.58	151.03
62.598	9.70	1078.7	542.60	17.50	9.33	163.19
63.75	10.85	1056.4	564.90	22.30	10.27	229.09
64.651	11.75	1034	587.30	22.40	11.30	253.11
66.139	13.24	1012.1	609.20	21.90	12.49	273.62
67.88	14.98	990.06	631.24	22.04	14.11	310.95
69.741	16.84	967.08	654.22	22.98	15.91	365.60
71.646	18.75	944.1	677.20	22.98	17.79	408.87
72.1	19.20	936.9	684.40	7.20	18.97	136.60
72.476	19.58	929.71	691.59	7.19	19.39	139.39
73.394	20.49	913.65	707.65	16.06	20.03	321.75
74.41	21.51	897.59	723.71	16.06	21.00	337.28
76.131	23.23	880.5	740.80	17.09	22.37	382.29
77.513	24.61	863.41	757.89	17.09	23.92	408.81
79.186	26.29	841.07	780.23	22.34	25.45	568.52
80.79	27.89	818.73	802.57	22.34	27.09	605.12
81.39	28.49	793.69	827.61	25.04	28.19	705.85
83.328	30.43	768.66	852.64	25.03	29.46	737.33
83.74	30.84	761.75	859.55	6.91	30.63	211.67
84.027	31.13	754.84	866.46	6.91	30.98	214.09
84.184	31.28	750.21	871.09	4.63	31.20	144.48
84.342	31.44	745.57	875.73	4.64	31.36	145.52
84.625	31.72	737.98	883.32	7.59	31.58	239.71
85.027	32.13	730.39	890.91	7.59	31.93	242.31
86.091	33.19	718.1	903.20	12.29	32.66	401.37
87.223	34.32	705.8	915.50	12.30	33.76	415.20
88.83	35.93	688.74	932.56	17.06	35.13	599.24
90.386	37.49	671.68	949.62	17.06	36.71	626.22
91.943	39.04	655.16	966.14	16.52	38.26	632.11
93.408	40.51	638.65	982.65	16.51	39.77	656.68
95.056	42.16	620.32	1000.98	18.33	41.33	757.60
96.925	44.02	601.98	1019.32	18.34	43.09	790.26
98.623	45.72	583.65	1037.65	18.33	44.87	822.52
100.77	47.87	560.28	1061.02	23.37	46.80	1093.61
102.804	49.90	536.91	1084.39	23.37	48.89	1142.47
104.558	51.66	513.54	1107.76	23.37	50.78	1186.73
104.962	52.06	494.99	1126.31	18.55	51.86	961.98
105.625	52.72	476.44	1144.86	18.55	52.39	971.88
106.181	53.28	461.79	1159.51	14.65	53.00	776.48
106.514	53.61	447.14	1174.16	14.65	53.45	782.99
106.849	53.95	422.83	1198.47	24.31	53.78	1307.40
107.235	54.33	398.51	1222.79	24.32	54.14	1316.71
107.713	54.81	374.19	1247.11	24.32	54.57	1327.22
107.945	55.04	356.04	1265.26	18.15	54.93	996.94
108.221	55.32	337.89	1283.41	18.15	55.18	1001.55
108.616	55.72	319.74	1301.56	18.15	55.52	1007.64
109.256	56.36	301.48	1319.82	18.26	56.04	1023.20
110.098	57.20	283.22	1338.08	18.26	56.78	1036.73
111.001	58.10	264.96	1356.34	18.26	57.65	1052.66
111.455	58.55	253.35	1367.95	11.61	58.33	677.18
111.912	59.01	241.74	1379.56	11.61	58.78	682.46
112.082	59.18	234.83	1386.47	6.91	59.10	408.35
112.261	59.36	227.91	1393.39	6.92	59.27	410.15
112.619	59.72	208.98	1412.32	18.93	59.54	1127.07
113.076	60.18	190.05	1431.25	18.93	59.95	1134.79
113.283	60.38	170.75	1450.55	19.30	60.28	1163.38
113.638	60.74	151.44	1469.86	19.31	60.56	1169.40
114.166	61.27	132.14	1489.16	19.30	61.00	1177.32
114.815	61.91	107.76	1513.54	24.38	61.59	1501.55
116.249	63.35	83.381	1537.92	24.38	62.63	1526.88
117.779	64.88	64.328	1556.97	19.05	64.11	1221.54
119.368	66.47	45.276	1576.02	19.05	65.67	1251.19
119.534	66.63	22.638	1598.66	22.64	66.55	1506.56
120	67.10	0	1621.30	22.64	66.87	1513.71
				1621.30		48588.65



Slope, Sc	0.037	
Length, L	1.62	km
Channelisation factor, C	0.8	
	Pre Dev	
Curve number, CN	80.1	
Time of concentration, t_c	0.52	hours (>0.17 therefore OK)
=	31.0	min
Time to peak (lag time)	20.7	min

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 1 Pre-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	1.522	113
	Landfill area	74	28.302	2,094
	Subtotal for Pervious Areas		29.824	2,207
	Pond	74	0.686	51
	Subtotal for Impervious Areas		0.686	51
		Totals	30.510	2,258

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{2,258}{30.510} = 74.0$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 30.5096}{30.510} = 5.00$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.52 hrs

SCS Lag for HEC-HMS : t_p = 2/3 t_c = 0.34 hrs

20.7 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

Total = 89.2 mm

Pervious = 89.2 mm

Impervious = 89.2 mm

		Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :		WQ	2 yr	10 yr	50 yr	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)		31.3	90.3	134.8	191.5	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* :	$= \frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.11	0.31	0.41	0.50	0.54	0.08	0.34	0.45	0.56	0.31	0.41
7. Specific Peak Flow Rate, q*, (from Figure 5.1)		0.021	0.057	0.073	0.084	0.088	0.017	0.061	0.078	0.090	0.057	0.073
8. Peak Flow Rate, q_p :	= $q^* A P_{24}$ (m^3/s)	0.204	1.571	2.994	4.895	5.972	0.138	1.892	3.715	6.539	1.571	2.994
3.8 CC adjustment factor	= **1.146**							**2.168**	**4.257**	**7.491**		
9. Runoff Depth, Q_{24} :	$= \frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) Pervious	6.0	41.7	76.9	126.1	153.9	4.2	49.8	95.8	168.5	41.7	76.9
	Impervious	8.1	45.4	81.1	130.6	158.5	6.1	53.6	100.1	173.1	45.4	81.1
10. Runoff Volume, V_{24} :	= $1000 \times Q_{24} A$ (m^3) Pervious	1,785	12,433	22,940	37,620	45,913	1,245	14,838	28,563	50,245	12,433	22,940
	Impervious	056	311	556	895	1,087	042	368	686	1,187	311	556
	Total	1,841	12,744	23,496	38,516	47,000	1,286	15,205	29,249	51,432	12,744	23,496

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 1 Post-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	1.522	113
	Landfill area	80	32.478	2,598
	Subtotal for Pervious Areas		34.000	2,711
	Pond	98	0.686	67
	Subtotal for Impervious Areas		0.686	67
		Totals	34.686	2,778

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{2,778}{34.686} = 80.1$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 34}{34.686} = 4.90$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.52 hrs

SCS Lag for HEC-HMS : t_p = $2/3\ t_c$ = 0.34 hrs

20.7 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

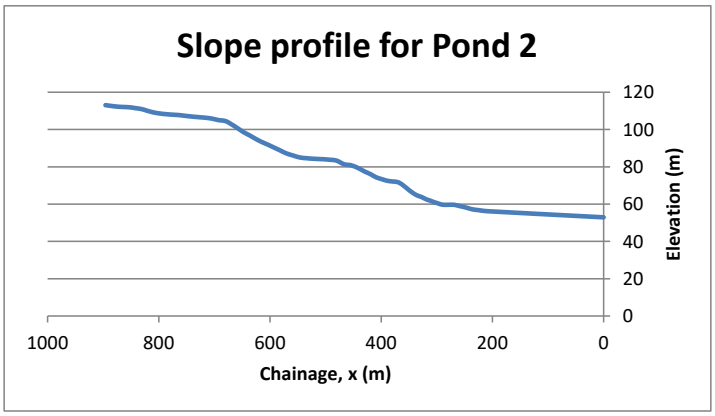
Total = 63.1 mm

Pervious = 64.6 mm

Impervious = 5.2 mm

	Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :	WQ	2 yr	10 yr	50 ye	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)	31.3	79.5	120.0	191.5	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* : $= \frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.15	0.36	0.47	0.59	0.63	0.12	0.42	0.54	0.64	0.39	0.50
7. Specific Peak Flow Rate, q*, (from Figure 5.1)	0.029	0.064	0.079	0.093	0.097	0.023	0.074	0.088	0.098	0.070	0.083
8. Peak Flow Rate, q_p : $= q^* A P_{24}$ (m^3/s)	0.315	1.773	3.300	6.195	7.455	0.215	2.583	4.768	8.104	2.183	3.882
3.8 CC adjustment factor = 1.146							**2.959**	**5.462**	**9.285**		
9. Runoff Depth, Q_{24} : $= \frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) — Pervious	7.6	39.9	73.6	138.5	167.4	5.4	57.4	106.7	182.4	48.5	86.7
Impervious	26.9	74.6	115.0	186.5	217.1	22.2	96.1	152.0	232.9	85.4	129.8
10. Runoff Volume, V_{24} : $= 1000 \times Q_{24} A$ (m^3) — Pervious	2,588	13,569	25,040	47,102	56,925	1,826	19,515	36,272	62,030	16,507	29,471
Impervious	184	512	789	1,278	1,488	152	659	1,042	1,597	585	890
Total	2,772	14,081	25,829	48,380	58,414	1,978	20,173	37,314	63,627	17,092	30,361

Elevation	Height, h	Distance from top	Distance from bottom, x	Δx	h_{ave}
52.901	0.00	895.92	0.00		
56.216	3.32	685.99	209.93	209.93	1.66
56.685	3.78	673.16	222.76	12.83	3.55
57.174	4.27	660.34	235.58	12.82	4.03
57.815	4.91	652.37	243.55	7.97	4.59
58.457	5.56	644.4	251.52	7.97	5.24
59.022	6.12	635.8	260.12	8.60	5.84
59.626	6.72	627.2	268.72	8.60	6.42
59.648	6.75	617.67	278.25	9.53	6.74
59.633	6.73	608.13	287.79	9.54	6.74
59.93	7.03	602.44	293.48	5.69	6.88
60.52	7.62	596.75	299.17	5.69	7.32
61.11	8.21	590.44	305.48	6.31	7.91
61.854	8.95	584.14	311.78	6.30	8.58
62.598	9.70	576.57	319.35	7.57	9.33
63.75	10.85	569	326.92	7.57	10.27
64.651	11.75	560.56	335.36	8.44	11.30
66.139	13.24	552.11	343.81	8.45	12.49
67.88	14.98	544.43	351.49	7.68	14.11
69.741	16.84	536.74	359.18	7.69	15.91
71.646	18.75	527.14	368.78	9.60	17.79
72.1	19.20	517.53	378.39	9.61	18.97
72.476	19.58	507.21	388.71	10.32	19.39
73.394	20.49	496.89	399.03	10.32	20.03
74.41	21.51	486.56	409.36	10.33	21.00
76.131	23.23	476.21	419.71	10.35	22.37
77.513	24.61	465.86	430.06	10.35	23.92
79.186	26.29	455.51	440.41	10.35	25.45
80.79	27.89	442.26	453.66	13.25	27.09
81.39	28.49	429.02	466.90	13.24	28.19
83.328	30.43	415.77	480.15	13.25	29.46
83.74	30.84	404.95	490.97	10.82	30.63
84.027	31.13	394.13	501.79	10.82	30.98
84.184	31.28	383.18	512.74	10.95	31.20
84.342	31.44	372.22	523.70	10.96	31.36
84.625	31.72	361.27	534.65	10.95	31.58
85.027	32.13	349.21	546.71	12.06	31.93
86.091	33.19	337.16	558.76	12.05	32.66
87.223	34.32	325.1	570.82	12.06	33.76
88.83	35.93	313.94	581.98	11.16	35.13
90.386	37.49	302.78	593.14	11.16	36.71
91.943	39.04	291.62	604.30	11.16	38.26
93.408	40.51	280.46	615.46	11.16	39.77
95.056	42.16	269.67	626.25	10.79	41.33
96.925	44.02	258.88	637.04	10.79	43.09
98.623	45.72	248.1	647.82	10.78	44.87
100.77	47.87	237.31	658.61	10.79	46.80
102.804	49.90	226.54	669.38	10.77	48.89
104.558	51.66	215.78	680.14	10.76	50.78
104.962	52.06	205.02	690.90	10.76	51.86
105.625	52.72	194.71	701.21	10.31	52.39
106.181	53.28	184.39	711.53	10.32	53.00
106.514	53.61	171.73	724.19	12.66	53.45
106.849	53.95	159.06	736.86	12.67	53.78
107.235	54.33	146.14	749.78	12.92	54.14
107.713	54.81	133.21	762.71	12.93	54.57
107.945	55.04	121.18	774.74	12.03	54.93
108.221	55.32	109.14	786.78	12.04	55.18
108.616	55.72	97.1	798.82	12.04	55.52
109.256	56.36	85.061	810.86	12.04	56.04
110.098	57.20	74.718	821.20	10.34	56.78
111.001	58.10	64.376	831.54	10.34	57.65
111.455	58.55	54.033	841.89	10.34	58.33
111.912	59.01	43.69	852.23	10.34	58.78
112.082	59.18	32.767	863.15	10.92	59.10
112.261	59.36	21.845	874.08	10.92	59.27
112.619	59.72	10.922	885.00	10.92	59.54
113.076	60.18	0	895.92	10.92	59.95
				895.92	



Slope, Sc	0.060
Length, L	0.90
Channelisation factor, C	0.8
	Pre Dev
Curve number, CN	80.0
Time of concentration, t_c	0.30
=	18.2
Time to peak (lag time)	12.1

$\Delta A = h_{ave}.\Delta x$ (m^2)
347.96
45.54
51.65
36.61
41.72
50.21
55.24
64.19
64.29
39.15
41.67
49.94
54.06
70.59
77.77
95.37
105.57
108.35
122.34
170.81
182.32
200.07
206.75
216.94
231.52
247.58
263.39
358.90
373.22
390.32
331.45
335.23
341.69
343.73
345.83
385.02
393.53
407.10
392.00
409.65
427.02
443.88
445.96
464.94
483.73
504.92
526.50
546.39
558.00
540.17
546.98
676.63
681.40
699.50
705.63
660.78
664.39
668.43
674.61
587.23
596.20
603.28
607.99
645.51
647.35
650.34
654.74
23961.80

km

hours (>0.17 therefore OK)
min
min

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 2 Pre-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	0.654	48
	Landfill area	74	6.984	517
	Subtotal for Pervious Areas		7.637	565
	Pond	74	0.232	17
	Subtotal for Impervious Areas		0.232	17
		Totals	7.870	582

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{582}{7.870} = 74.0$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 7.8697}{7.870} = 5.00$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.30 hrs

SCS Lag for HEC-HMS : t_p = 2/3 t_c = 0.20 hrs

12.1 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

Total	=	89.2 mm
Pervious	=	89.2 mm
Impervious	=	89.2 mm

				Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :				WQ	2 yr	10 yr	50 yr	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)				31.3	90.3	134.8	191.5	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* :	=	$\frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$		0.11	0.31	0.41	0.50	0.54	0.08	0.34	0.45	0.56	0.31	0.41
7. Specific Peak Flow Rate, q*, (from Figure 5.1)				0.028	0.074	0.092	0.107	0.112	0.022	0.079	0.099	0.114	0.074	0.092
8. Peak Flow Rate, q_p :	=	$q^* A P_{24}$	(m^3/s)	0.068	0.524	0.977	1.610	1.956	0.046	0.626	1.217	2.138	0.524	0.977
3.8 CC adjustment factor	=	**1.146**								**0.717**	**1.394**	**2.450**		
9. Runoff Depth, Q_{24} :	=	$\frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$	(mm) Pervious	6.0	41.7	76.9	126.1	153.9	4.2	49.8	95.8	168.5	41.7	76.9
			Impervious	8.1	45.4	81.1	130.6	158.5	6.1	53.6	100.1	173.1	45.4	81.1
10. Runoff Volume, V_{24} :	=	$1000 \times Q_{24} A$	(m^3) Pervious	457	3,184	5,874	9,634	11,758	319	3,800	7,314	12,867	3,184	5,874
			Impervious	019	106	188	303	368	014	125	233	402	106	188
			Total	476	3,289	6,063	9,937	12,126	333	3,924	7,547	13,269	3,289	6,063

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 2 Post-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	0.654	48
	Landfill area	80	10.746	860
	Subtotal for Pervious Areas		11.400	908
	Pond	98	0.232	23
	Subtotal for Impervious Areas		0.232	23
		Totals	11.632	931

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{931}{11.632} = 80.0$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 11.3996}{11.632} = 4.90$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.30 hrs

SCS Lag for HEC-HMS : t_p = 2/3 t_c = 0.20 hrs

12.1 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

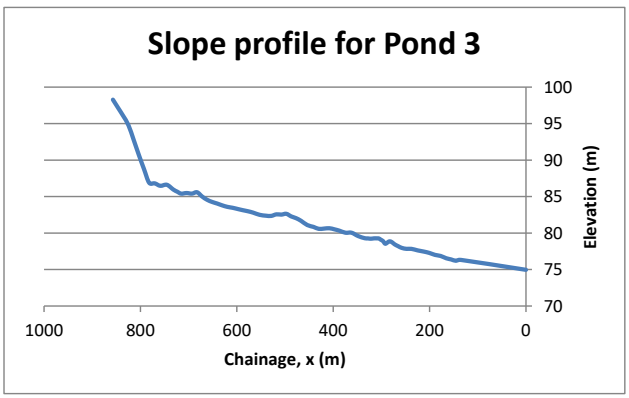
Total = 63.4 mm

Pervious = 64.9 mm

Impervious = 5.2 mm

		Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :		WQ	2 yr	10 yr	50 ye	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)		31.3	79.5	120.0	191.5	180.0	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* :	$= \frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.14	0.35	0.46	0.59	0.57	0.12	0.42	0.54	0.64	0.39	0.50
7. Specific Peak Flow Rate, q*, (from Figure 5.1)		0.037	0.082	0.101	0.118	0.116	0.030	0.093	0.111	0.124	0.088	0.106
8. Peak Flow Rate, q_p :	= $q^* A P_{24}$ (m^3/s)	0.134	0.757	1.405	2.624	2.423	0.092	1.094	2.029	3.421	0.925	1.657
3.8 CC adjustment factor	= **1.146**							**1.254**	**2.324**	**3.919**		
9. Runoff Depth, Q_{24} :	$= \frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) Pervious	7.6	39.8	73.5	138.4	127.7	5.4	57.3	106.5	182.3	48.5	86.5
	Impervious	26.9	74.6	115.0	186.5	175.0	22.2	96.1	152.0	232.9	85.4	129.8
10. Runoff Volume, V_{24} :	= 1000 x Q_{24} A (m^3) Pervious	865	4,540	8,382	15,774	14,554	610	6,531	12,144	20,777	5,523	9,866
	Impervious	062	173	267	433	406	051	223	353	541	198	302
	Total	927	4,713	8,649	16,207	14,961	662	6,754	12,497	21,318	5,722	10,167

Elevation	Height, h	Distance from top	Distance from bottom, x	Δx	h_{ave}	$\Delta A = h_{ave}.\Delta x$ (m^2)
74.96	0.00	857.06	0.00			
76.319	1.36	721.88	135.18	135.18	0.68	91.85
76.198	1.24	711.77	145.29	10.11	1.30	13.13
76.384	1.42	701.66	155.40	10.11	1.33	13.46
76.547	1.59	691.55	165.51	10.11	1.51	15.22
76.86	1.90	679.91	177.15	11.64	1.74	20.29
77.006	2.05	668.28	188.78	11.63	1.97	22.95
77.274	2.31	656.64	200.42	11.64	2.18	25.38
77.461	2.50	645.01	212.05	11.63	2.41	28.00
77.624	2.66	632.18	224.88	12.83	2.58	33.13
77.833	2.87	619.35	237.71	12.83	2.77	35.52
77.833	2.87	609.27	247.79	10.08	2.87	28.96
77.967	3.01	599.2	257.86	10.07	2.94	29.61
78.199	3.24	591.82	265.24	7.38	3.12	23.05
78.457	3.50	584.43	272.63	7.39	3.37	24.89
78.736	3.78	579.16	277.90	5.27	3.64	19.16
78.867	3.91	573.88	283.18	5.28	3.84	20.28
78.691	3.73	569.41	287.65	4.47	3.82	17.07
78.533	3.57	564.93	292.13	4.48	3.65	16.36
78.902	3.94	560.32	296.74	4.61	3.76	17.32
79.091	4.13	555.7	301.36	4.62	4.04	18.65
79.251	4.29	551.98	305.08	3.72	4.21	15.66
79.27	4.31	548.26	308.80	3.72	4.30	16.00
79.272	4.31	541.7	315.36	6.56	4.31	28.28
79.22	4.26	535.15	321.91	6.55	4.29	28.07
79.266	4.31	528.94	328.12	6.21	4.28	26.60
79.288	4.33	522.74	334.32	6.20	4.32	26.77
79.583	4.62	508.9	348.16	13.84	4.48	61.94
80.043	5.08	495.05	362.01	13.85	4.85	67.21
80.043	5.08	482.45	374.61	12.60	5.08	64.05
80.325	5.37	469.84	387.22	12.61	5.22	65.87
80.512	5.55	459.43	397.63	10.41	5.46	56.82
80.66	5.70	449.02	408.04	10.41	5.63	58.57
80.612	5.65	438.03	419.03	10.99	5.68	62.38
80.576	5.62	427.04	430.02	10.99	5.63	61.92
80.844	5.88	416.05	441.01	10.99	5.75	63.19
81.101	6.14	403.15	453.91	12.90	6.01	77.56
81.679	6.72	390.24	466.82	12.91	6.43	83.01
82.035	7.08	380.08	476.98	10.16	6.90	70.07
82.283	7.32	369.91	487.15	10.17	7.20	73.21
82.635	7.68	359.75	497.31	10.16	7.50	76.19
82.528	7.57	349.47	507.59	10.28	7.62	78.35
82.563	7.60	339.2	517.86	10.27	7.59	77.90
82.349	7.39	328.34	528.72	10.86	7.50	81.41
82.377	7.42	317.47	539.59	10.87	7.40	80.47
82.5	7.54	304.18	552.88	13.29	7.48	99.39
82.797	7.84	290.88	566.18	13.30	7.69	102.26
82.984	8.02	280.32	576.74	10.56	7.93	83.75
83.131	8.17	269.76	587.30	10.56	8.10	85.51
83.292	8.33	259.2	597.86	10.56	8.25	87.14
83.462	8.50	248.26	608.80	10.94	8.42	92.08
83.589	8.63	237.32	619.74	10.94	8.57	93.71
83.802	8.84	226.38	630.68	10.94	8.74	95.57
84.046	9.09	216.08	640.98	10.30	8.96	92.33
84.261	9.30	205.78	651.28	10.30	9.19	94.69
84.554	9.59	195.48	661.58	10.30	9.45	97.31
84.999	10.04	185.19	671.87	10.29	9.82	101.01
85.59	10.63	174.54	682.52	10.65	10.33	110.06
85.404	10.44	163.89	693.17	10.65	10.54	112.22
85.485	10.53	152.69	704.37	11.20	10.48	117.43
85.398	10.44	141.5	715.56	11.19	10.48	117.29
85.667	10.71	133.49	723.57	8.01	10.57	84.69
85.952	10.99	125.49	731.57	8.00	10.85	86.80
86.612	11.65	111.9	745.16	13.59	11.32	153.87
86.473	11.51	98.297	758.76	13.60	11.58	157.56
86.811	11.85	86.749	770.31	11.55	11.68	134.90
86.889	11.93	75.201	781.86	11.55	11.89	137.31
88.766	13.81	64.458	792.60	10.74	12.87	138.24
90.716	15.76	53.715	803.35	10.74	14.78	158.79
92.779	17.82	42.972	814.09	10.74	16.79	180.35
94.773	19.81	32.229	824.83	10.74	18.82	202.14
96.032	21.07	21.486	835.57	10.74	20.44	219.61
97.152	22.19	10.743	846.32	10.74	21.63	232.39
98.278	23.32	0	857.06	10.74	22.76	244.46
				857.06		5628.62



Slope, Sc	0.015	
Length, L	0.86	km
Channelisation factor, C	1	
	Pre Dev	
Curve number, CN	79.9	
Time of concentration, t_c	0.55	hours (>0.17 therefore OK)
=	33.2	min
Time to peak (lag time)	22.2	min

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 3 Post-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	3.196	236
	Landfill area	80	19.242	1,539
	Subtotal for Pervious Areas		22.437	1,776
	Pond	98	0.939	92
	Subtotal for Impervious Areas		0.939	92
		Totals	23.376	1,868

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{1,868}{23.376} = 79.9$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 22.4374}{23.376} = 4.80$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.55 hrs

SCS Lag for HEC-HMS : t_p = $2/3\ t_c$ = 0.37 hrs

22.2 mins

3. Soil Storage Parameter :

$S = ((1000/CN)-10)*25.4$

Total	=	63.9 mm
Pervious	=	66.9 mm
Impervious	=	5.2 mm

		Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :		WQ	34.5mm	50yr	50yr + CC	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)		31.3	34.5	191.5	205.3	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* :	$= \frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.15	0.16	0.59	0.60	0.62	0.12	0.42	0.54	0.64	0.39	0.49
7. Specific Peak Flow Rate, q*, (from Figure 5.1)		0.028	0.031	0.090	0.092	0.093	0.023	0.071	0.085	0.095	0.067	0.080
8. Peak Flow Rate, q_p :	$= q^* A P_{24}$ (m^3/s)	0.205	0.254	4.037	4.412	4.855	0.141	1.674	3.105	5.273	1.413	2.526
3.8 CC adjustment factor	**= 1.146**							**1.918**	**3.558**	**6.041**		
9. Runoff Depth, Q_{24} :	$= \frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) Pervious	7.4	9.0	137.2	150.1	166.0	5.2	56.6	105.5	181.0	47.8	85.6
	Impervious	26.9	30.0	186.5	200.2	217.1	22.2	96.1	152.0	232.9	85.4	129.8
10. Runoff Volume, V_{24} :	$= 1000 \times Q_{24} A$ (m^3) Pervious	1,665	2,025	30,795	33,686	37,254	1,173	12,692	23,679	40,613	10,724	19,216
	Impervious	252	282	1,751	1,880	2,039	208	902	1,427	2,187	802	1,219
	Total	1,917	2,307	32,545	35,566	39,293	1,381	13,594	25,106	42,800	11,526	20,434

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 3 Pre-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	3.196	236
	Landfill area	74	19.242	1,424
	Subtotal for Pervious Areas		22.437	1,660
	Pond	74	0.939	69
	Subtotal for Impervious Areas		0.939	69
		Totals	23.376	1,730

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{1,730}{23.376} = 74.0$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 23.3763}{23.376} = 5.00$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.55 hrs

SCS Lag for HEC-HMS : t_p = $2/3\ t_c$ = 0.37 hrs

22.2 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

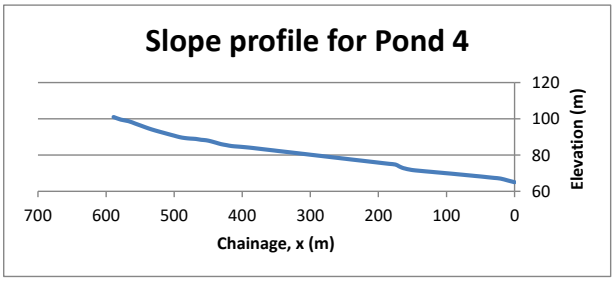
Total = 89.2 mm

Pervious = 89.2 mm

Impervious = 89.2 mm

	Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :	WQ	34.5mm	50yr	50yr + CC	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)	31.3	34.5	191.5	205.3	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* : $= \frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.11	0.12	0.50	0.52	0.54	0.08	0.34	0.45	0.56	0.31	0.41
7. Specific Peak Flow Rate, q*, (from Figure 5.1)	0.021	0.023	0.081	0.083	0.085	0.017	0.059	0.075	0.087	0.055	0.070
8. Peak Flow Rate, q_p : = $q^* A P_{24}$ (m^3/s)	0.152	0.189	3.636	3.992	4.437	0.104	1.401	2.753	4.859	1.163	2.214
3.8 CC adjustment factor = 1.146							**1.605**	**3.155**	**5.567**		
9. Runoff Depth, Q_{24} : = $\frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) Pervious	6.0	7.3	126.1	138.6	153.9	4.2	49.8	95.8	168.5	41.7	76.9
Impervious	8.1	9.6	130.6	143.1	158.5	6.1	53.6	100.1	173.1	45.4	81.1
10. Runoff Volume, V_{24} : = $1000 \times Q_{24} A$ (m^3) Pervious	1,343	1,644	28,303	31,090	34,542	937	11,163	21,488	37,801	9,353	17,258
Impervious	076	090	1,226	1,344	1,488	057	503	940	1,625	426	761
Total	1,420	1,735	29,529	32,434	36,030	994	11,666	22,428	39,426	9,780	18,020

Elevation	Height, h	Distance from top	Distance from bottom, x	Δx	h_{ave}	$\Delta A = h_{ave}.\Delta x$ (m^2)
65.018	0.00	728.2	0.00			
66.022	1.00	717.87	10.33	10.33	0.50	5.19
67.026	2.01	707.54	20.66	10.33	1.51	15.56
67.402	2.38	698.1	30.10	9.44	2.20	20.73
67.779	2.76	688.66	39.54	9.44	2.57	24.28
68.155	3.14	679.22	48.98	9.44	2.95	27.84
68.473	3.46	670.45	57.75	8.77	3.30	28.91
68.792	3.77	661.67	66.53	8.78	3.61	31.74
69.11	4.09	652.89	75.31	8.78	3.93	34.53
69.428	4.41	644.12	84.08	8.77	4.25	37.28
69.746	4.73	635.34	92.86	8.78	4.57	40.12
70.063	5.05	625.88	102.32	9.46	4.89	46.23
70.381	5.36	616.41	111.79	9.47	5.20	49.28
70.698	5.68	606.95	121.25	9.46	5.52	52.23
71.015	6.00	597.49	130.71	9.46	5.84	55.23
71.357	6.34	587.93	140.27	9.56	6.17	58.97
71.713	6.69	578.38	149.82	9.55	6.52	62.24
71.989	6.97	574.4	153.80	3.98	6.83	27.20
72.267	7.25	570.43	157.77	3.97	7.11	28.23
72.607	7.59	567.03	161.17	3.40	7.42	25.22
72.942	7.92	563.63	164.57	3.40	7.76	26.37
73.807	8.79	558.46	169.74	5.17	8.36	43.20
74.76	9.74	553.29	174.91	5.17	9.27	47.90
75.161	10.14	543.98	184.22	9.31	9.94	92.56
75.565	10.55	534.68	193.52	9.30	10.35	96.21
75.968	10.95	525.37	202.83	9.31	10.75	100.07
76.375	11.36	516.07	212.13	9.30	11.15	103.73
76.775	11.76	506.76	221.44	9.31	11.56	107.60
77.179	12.16	497.45	230.75	9.31	11.96	111.34
77.583	12.57	488.15	240.05	9.30	12.36	114.98
77.986	12.97	478.84	249.36	9.31	12.77	118.86
78.414	13.40	469.05	259.15	9.79	13.18	129.05
78.842	13.82	459.26	268.94	9.79	13.61	133.24
79.271	14.25	449.47	278.73	9.79	14.04	137.44
79.7	14.68	439.67	288.53	9.80	14.47	141.78
80.127	15.11	429.88	298.32	9.79	14.90	145.83
80.556	15.54	420.09	308.11	9.79	15.32	150.02
80.984	15.97	410.3	317.90	9.79	15.75	154.21
81.415	16.40	400.51	327.69	9.79	16.18	158.42
81.859	16.84	390.3	337.90	10.21	16.62	169.68
82.305	17.29	380.09	348.11	10.21	17.06	174.22
82.752	17.73	369.89	358.31	10.20	17.51	178.61
83.198	18.18	359.68	368.52	10.21	17.96	183.34
83.647	18.63	349.48	378.72	10.20	18.40	187.73
84.091	19.07	339.27	388.93	10.21	18.85	192.47
84.461	19.44	329.06	399.14	10.21	19.26	196.62
84.718	19.70	320.87	407.33	8.19	19.57	160.29
84.971	19.95	312.67	415.53	8.20	19.83	162.58
85.498	20.48	304.96	423.24	7.71	20.22	155.87
86.026	21.01	297.24	430.96	7.72	20.74	160.14
86.809	21.79	289.77	438.43	7.47	21.40	159.85
87.593	22.58	282.29	445.91	7.48	22.18	165.93
88.176	23.16	275.15	453.05	7.14	22.87	163.27
88.421	23.40	268.01	460.19	7.14	23.28	166.22
88.898	23.88	260.03	468.17	7.98	23.64	188.66
89.099	24.08	252.05	476.15	7.98	23.98	191.36
89.394	24.38	244.07	484.13	7.98	24.23	193.34
89.908	24.89	236.09	492.11	7.98	24.63	196.57
90.754	25.74	227.67	500.53	8.42	25.31	213.14
91.599	26.58	219.26	508.94	8.41	26.16	219.99
92.59	27.57	209.72	518.48	9.54	27.08	258.31
93.58	28.56	200.18	528.02	9.54	28.07	267.76
94.735	29.72	190.43	537.77	9.75	29.14	284.11
96.055	31.04	180.69	547.51	9.74	30.38	295.87
97.383	32.37	170.94	557.26	9.75	31.70	309.08
98.711	33.69	161.2	567.00	9.74	33.03	321.70
99.525	34.51	150.22	577.98	10.98	34.10	374.42
100.983	35.97	139.24	588.96	10.98	35.24	386.89
102.279	37.26	130.16	598.04	9.08	36.61	332.45
103.575	38.56	121.09	607.11	9.07	37.91	343.83
104.942	39.92	112.01	616.19	9.08	39.24	356.30
106.49	41.47	102.93	625.27	9.08	40.70	369.54
108.129	43.11	94.442	633.76	8.49	42.29	358.97
109.616	44.60	85.951	642.25	8.49	43.85	372.37
110.34	45.32	80.591	647.61	5.36	44.96	240.99
111.021	46.00	75.231	652.97	5.36	45.66	244.75
111.804	46.79	69.864	658.34	5.37	46.39	249.00
112.586	47.57	64.497	663.70	5.37	47.18	253.20
113.465	48.45	59.099	669.10	5.40	48.01	259.14
114.343	49.33	53.702	674.50	5.40	48.89	263.84
114.445	49.43	47.154	681.05	6.55	49.38	323.31
114.304	49.29	40.605	687.60	6.55	49.36	323.24
114.314	49.30	30.454	697.75	10.15	49.29	500.35
114.325	49.31	20.303	707.90	10.15	49.30	500.46
114.335	49.32	10.151	718.05	10.15	49.31	500.62
114.345	49.33	0	728.20	10.15	49.32	500.67
				728.20		15354.85



Slope, Sc	0.058	
Length, L	0.73	km
Channelisation factor, C	0.8	
	Pre Dev	
Curve number, CN	76.9	
Time of concentration, t_c	0.28	hours (>0.17 therefore OK)
=	16.6	min
Time to peak (lag time)	11.1	min

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 4 Post-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	10.573	782
	Landfill area	80	6.878	550
	Subtotal for Pervious Areas		17.451	1,333
	Pond	98	0.421	41
	Subtotal for Impervious Areas		0.421	41
		Totals	17.872	1,374

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{1,374}{17.872} = 76.9$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 17.4511}{17.872} = 4.88$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.28 hrs

SCS Lag for HEC-HMS : t_p = $2/3\ t_c$ = 0.18 hrs

11.1 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

Total = 76.4 mm

Pervious = 78.6 mm

Impervious = 5.2 mm

	Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :	WQ	34.5mm	50yr	50yr + CC	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)	31.3	34.5	191.5	205.3	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* : $= \frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.12	0.14	0.54	0.56	0.58	0.10	0.37	0.49	0.60	0.35	0.45
7. Specific Peak Flow Rate, q*, (from Figure 5.1)	0.033	0.037	0.116	0.118	0.121	0.027	0.088	0.109	0.123	0.083	0.102
8. Peak Flow Rate, q_p : = $q^* A P_{24}$ (m^3/s)	0.186	0.229	3.966	4.338	4.799	0.129	1.597	3.051	5.236	1.339	2.455
3.8 CC adjustment factor = 1.146							**1.830**	**3.496**	**5.999**		
9. Runoff Depth, Q_{24} : = $\frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) Pervious	6.6	8.0	131.2	143.8	159.5	4.6	52.8	100.2	174.2	44.4	80.8
Impervious	26.9	30.0	186.5	200.2	217.1	22.2	96.1	152.0	232.9	85.4	129.8
10. Runoff Volume, V_{24} : = $1000 \times Q_{24} A$ (m^3) Pervious	1,151	1,405	22,895	25,102	27,831	806	9,211	17,483	30,403	7,746	14,107
Impervious	113	126	785	843	914	093	404	640	980	359	546
Total	1,264	1,531	23,680	25,945	28,745	899	9,615	18,123	31,383	8,106	14,654

TP108

Project: Redvale Landfill By: SACR Date: 22/11/24

Location: Pond 4 Pre-Development Checked: ANVE Date: 06/12/24

1. Runoff Curve Number (CN) and Initial Abstraction (Ia)

Soil name and classification	Cover description (cover type, treatment, and hydrologic condition)	Curve Number CN*	Area (hectares)	Product of CN x Area
	Clean	74	10.573	782
	Landfill area	74	6.878	509
	Subtotal for Pervious Areas		17.451	1,291
	Pond	74	0.421	31
	Subtotal for Impervious Areas		0.421	31
		Totals	17.872	1,323

* from Table 3.3

CN (weighted) : $\frac{\text{total product}}{\text{total area}} = \frac{1,323}{17.872} = 74.0$

Ia (weighted) : $\frac{5 \times \text{pervious area}}{\text{total area}} = \frac{5 \times 17.872}{17.872} = 5.00$ mm

2. Time of Concentration

Time of Concentration : t_c = = 0.28 hrs

SCS Lag for HEC-HMS : t_p = 2/3 t_c = 0.18 hrs

11.1 mins

3. Soil Storage Parameter : S = ((1000/CN)-10)*25.4

Total = 89.2 mm

Pervious = 89.2 mm

Impervious = 89.2 mm

	Storm #1	Storm #2	Storm #3	Storm #4	Storm #5	Storm #6	Storm #7	Storm #8	Storm #9	Storm #10	Storm #11
4. Average Recurrence Interval, ARI (yr) :	WQ	34.5mm	50yr	50yr + CC	100yr	90th Percentile	2yr 3.8 CC	10yr 3.8 CC	100yr 3.8 CC	2yr (2013 HIRDS)	10yr (2013 HIRDS)
5. 24 hour Rainfall Depth, P_{24} (mm), (from Appendix A)	31.3	34.5	191.5	205.3	222.2	26.5	101.0	157.0	238.0	90.3	134.8
6. Runoff Index, c* : = $\frac{P_{24} - 2Ia}{P_{24} - 2Ia + 2S}$	0.11	0.12	0.50	0.52	0.54	0.08	0.34	0.45	0.56	0.31	0.41
7. Specific Peak Flow Rate, q*, (from Figure 5.1)	0.029	0.033	0.111	0.113	0.116	0.023	0.082	0.102	0.118	0.076	0.095
8. Peak Flow Rate, q_p : = q* A P_{24} (m^3/s)	0.163	0.201	3.794	4.154	4.602	0.110	1.472	2.867	5.027	1.231	2.300
3.8 CC adjustment factor = 1.146							**1.686**	**3.285**	**5.759**		
9. Runoff Depth, Q_{24} : = $\frac{(P_{24} - Ia)2}{(P_{24} - Ia) + S}$ (mm) Pervious	6.0	7.3	126.1	138.6	153.9	4.2	49.8	95.8	168.5	41.7	76.9
Impervious	8.1	9.6	130.6	143.1	158.5	6.1	53.6	100.1	173.1	45.4	81.1
10. Runoff Volume, V_{24} : = 1000 x Q_{24} A (m^3) Pervious	1,045	1,279	22,013	24,181	26,865	728	8,682	16,713	29,400	7,275	13,423
Impervious	034	040	550	602	667	026	226	421	729	191	341
Total	1,079	1,319	22,563	24,783	27,533	754	8,908	17,134	30,129	7,466	13,764

Tonkin+Taylor

Together we create + sustain a better world