Alice Springs Town Council Regional Waste Management Facility

Environmental Performance

Monitoring Report - February 2026

Prepared for

Alice Springs Town Council

7 April 2026

Environmental Consultants

Consulting Engineers and Scientists

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1 INTRODUCTION

1.1 General

This report has been prepared by Tierra Environment Pty Ltd (Tierra) for Alice Springs Town Council (Council). The purpose of this report is to give an account of the current condition of the Alice Springs Town Council Regional Waste Management Facility (RWMF) pertaining to environmental performance based on the environmental data generated by Tierra and Council between February 2025 and February 2026.

1.2 Objectives

Council is required to undertake annual monitoring as per their licence conditions and the September 2021 Landfill Environmental Management Plan (LEMP).

The objectives of the environmental performance monitoring are as follows:

- to undertake monitoring of surface water, groundwater, leachate and landfill gas for comparison to licence conditions and previous performance
- to assess potential accumulation of landfill gas in several structures at the periphery of the landfill for landfill gas migration and potential explosive hazard
- to assess the environmental condition of the landfill (i.e. litter, erosion, dust)
- to prepare a report outlining the environmental performance of the landfill

1.3 Site Description

Site details are provided in the table below.

Description	Alice Springs Town Council Regional Waste Management Facility
Address	80 Commonage Road, Ilparpa, Northern Territory
Parcel	7902
Title	CUFT Volume 653 Folio 194
Plan	Survey Plan 88/059
Council	Alice Springs Town Council
Zoning	Community Purpose (CP)
Owner	Alice Springs Town Council

A site location plan is provided as Figure 1 in Appendix A.

1.4 Geological and Topographical Information

The RWMF is situated to the west of the Todd River. According to the geology of the Alice Springs region, 1:100,000 sheet, the landfill is situated on the border of Quaternary alluvial deposits and Late Proterozoic Gillen Member deposits consisting of dolomites and siltstones.

The south-eastern portion of the site is overlain by capped waste mounds between 10m and 15m in height. There are numerous natural ridges running diagonally along the northern edge of the landfill. The ridges represent the strike of the boundary between the alluvium and siltstone/dolomite, with the more resilient dolomite and siltstone forming the ridges.

1.5 Groundwater and Drainage Information

The direction of regional groundwater flow is expected to be east towards the Todd River. Regional surface flow is also expected to enter the river. A December 1999 landfill investigations report supports that the expected direction of groundwater flow is towards the Todd River. This report also identified a radial flow influence from the sewage ponds south of the landfill.

The directions of flows of deeper aquifers within the alluvium or Gillen Members are unknown but are not necessarily in the same direction as the surface aquifer. It is also unknown if there are hydraulic connections between the upper and lower aquifers.

1.6 Previous Monitoring

Previous environmental monitoring and reporting has been undertaken at the site by Tierra since 2006 and others between 1999 and 2005. Selected historic data and general site information prepared by others previously has been reproduced in this document for reference and comparison purposes. Detailed historic data is presented in previous annual performance reports.

1.7 Scope of Work

The following activities were undertaken as part of the environmental monitoring by Tierra:

- Field monitoring of 18 landfill gas monitoring points for methane (CH_4), carbon dioxide (CO_2), oxygen (O_2), and volatile organic compounds (VOCs)
- Inspection of structures on or in close proximity to the landfill (e.g. outside toilet and office toilets) for potential for landfill gas accumulation and monitoring of any such structures for landfill gas
- Groundwater level gauging, purging and sampling of 14 groundwater wells
- Field analysis of 14 groundwater samples for temperature (°C), dissolved oxygen (% and mg/L), specific conductivity SPC (µS/cm), conductivity (µS/cm), total dissolved solids (ppm), pH and redox potential (mV)
- Laboratory analysis of 14 groundwater samples and 1 intra-laboratory groundwater sample for turbidity, total alkalinity, hardness, chloride, Na, K, Mg, Ca, sulphate, ammonia, TKN, organic nitrogen, TOC, BOD, COD, Sb, As, Ba, Be, Cd, Cr, Cr 3+, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn, Ferrous and Ferric Iron, Cr VI, PAH and PCB
- Laboratory analysis of 9 groundwater samples and1 intra-laboratory sample for TRH, VOC and SVOC
- Laboratory analysis of 1 inter-laboratory for total alkalinity, chloride, sulphate, ammonia, TKN, organic nitrogen, TOC, Sb, As, Ba, Be, Cd, Cr, Cr 3+, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn and Cr VI
- Inspection of 2 leachate wells
- Collection and analysis of 1 leachate sample for turbidity, total alkalinity, hardness, chloride, Na, K, Mg, Ca, sulphate, ammonia, TKN, organic nitrogen, TOC, BOD, COD, Sb, As, Ba, Be, Cd, Cr, Cr 3+, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn, Ferrous and Ferric Iron and Cr VI
- Inspection of 5 stormwater detention basins
- Collection and analysis of 5 stormwater samples for turbidity, total alkalinity, hardness, chloride, NA, K, Mg, Ca, sulphate, ammonia, TKN, organic nitrogen, TOC, BOD, COD, Sb, As, Ba, Be, Cd, Cr, Cr 3+, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn, Ferrous and Ferric iron, PCB, TRH, SVOC and VOC
- Collection of 1 rinsate, 1 field blank and 1 trip blank sample and analysis of 1 rinsate sample for metals and 1 trip blank sample for VOC
- Review of landfill conditions including surface water, odour, litter, weeds, pest, landscaping and erosion
- Data review and assessment
- Preparation of performance report

2 INVESTIGATION METHODOLOGY

2.1 Landfill Gas

2.1.1 Gas well status

The following table details the current status of the gas wells at the landfill.

Gas Well	Status in Feb 2026	Comments
MW9	In service	-
MW10A (U, M, L)	In service (L, M) Out of service (U)	MW10A (U) was installed due to planned filling in the area however it is not currently surrounded by fill and hence connected to the atmosphere. This will be rectified in the future as fill is placed around it.
MW12 (U, M, L)	Out of service	MW12 (U,M,L) have been raised to accommodate planned filling in the area however they are not currently surrounded by fill and therefore inaccessible. This will be rectified in the future as fill is placed around it.
MW17	In service	-
MW23 (U, L)	In service	-
MW24 (U, L)	In service	-
MW25 (U, M, L)	In service (L) Out of service (M, U)	MW25(M) appears to be blocked as the gas analyser pump cut out when connected to the gas well. MW25 (U) was installed due to planned filling in the area however it is not currently surrounded by fill and hence connected to the atmosphere. This will be rectified in the future as fill is placed around it.
MW26	In service	-
MW27	In service	-
MW28	In service	-
MW29A	In service	-
MW30	In service	-
MW31	In service	-
MW32	In service	-
MW33	In service	-
MW34	In service	-

Notes to table:

- "A" denotes a replacement well or bore.
- "U"," M" and "L" denote upper, middle and lower monitoring points respectively.

A site plan detailing locations of in-service gas bores is presented as Figure 3 in Appendix A.

2.1.2 Landfill gas monitoring

Available gas wells were monitored for concentrations of methane, carbon dioxide, oxygen and volatile organic compounds (CH_4, CO_2, O_2 and VOCs respectively) on 12 February 2026. Monitoring data prior to February 2026, while not presented in this report, has been utilised to produce plots of gas levels and local moisture budgets over time.

A GA5000 landfill gas analyser with sampling pump was used to test for CH_4, CO_2 and O_2 concentrations. VOC concentrations were measured using an Ion Phocheck Tiger Photo Ionisation Detector (PID).

2.1.3 Landfill gas accumulation monitoring

The potential accumulation of landfill gas was investigated inside the outside toilet, the office toilets, the weighbridge toilet and the rediscovery centre toilet. A GA5000 landfill gas analyser with sampling pump was used to test for CH_4, CO_2 and O_2 concentrations and a PID was used to test for VOCs. The locations of the above toilets are shown on Figure 3 in Appendix A.

2.2 Landfill Leachate

2.2.1 Leachate well status

Leachate Well	Status in Feb 2026	Comments
MW37	In service	-
MW38	In service	-

A plan detailing the location of the leachate wells is presented as Figure 4 in Appendix A.

2.2.2 Leachate sampling

Approximately 72cm of liquid was present in the base of MW38 on 9 February 2026. MW37 was dry.

A sample was collected from MW38 with a new disposable bailer. As the well contained only a small volume of liquid half of some parameter bottles were filled on the 9 February. An attempt to collect more leachate the following day was unsuccessful as the well was dry.

2.3 Surface Water

2.3.1 Detention basin status

The following table details the current status of the detention basins at the landfill.

Detention basin	Status in Feb 2026	Comments
SW1	Dry	-
SW2	Contained Water	-
SW3	Contained Water	-
SW4	Contained Water	-
SW5	Contained Water	-

A plan detailing the locations of the detention basins is presented as Figure 5 in Appendix A.

2.3.2 Surface water sampling

Surface water samples were collected from SW2, SW3, SW4 and SW5 which contained water during the February monitoring event. A sample was collected from each detention basin on 9 February 2026 using a new disposable bailer for each basin.

2.4 Groundwater

2.4.1 Groundwater well status

The following table details the current status of the groundwater wells at the landfill.

Groundwater Well	Status in Feb 2026	Comments
MW1	In service	-
MW2	In service	-
MW3	In service	-
MW4A	In service	-

Groundwater Well	Status in Feb 2026	Comments
MW5A	In service	-
MW6A	In service	-
MW7A	In service	-
MW81	In service	-
MW82	In service	-
MW83	In service	-
MW84	In service	-
MW85	In service	-
MW86	In service	-
MW87	In service	-

Notes to table: "A" denotes a replacement well or bore.

A site plan detailing locations of these groundwater wells is presented as Figure 2 in Appendix A.

The positions and purposes of the wells based on their location and the direction of groundwater flow are as follows:

- MW6A is situated within a filled area of the landfill and could display leachate contamination prior to other wells.
- MW1, MW5A, MW7A, MW85 and MW86 are located down gradient of the landfill and may display leachate contamination.
- MW3 is located up gradient of the landfill and is considered a background bore.
- MW81 is located to the west of the landfill beyond the likely influence of the landfill.
- MW2 and MW4A are situated between the landfill and the sewerage ponds and are considered to show background conditions influenced by the sewerage ponds.
- MW87 is located in the landfill on the southern side between background wells MW2 and MW4 and could display leachate contamination. During drilling operations it was found that the waste at this location is very close to the water.
- MW82, MW83 and MW84 were positioned to be located down gradient of the landfill, however based on groundwater level contours appear to be located on a convergence between groundwater flow directions and at this stage it is unclear if they represent background or down gradient landfill conditions.

2.4.2 Sampling preparation

Sample bottles were labelled prior to going on site. Sample bottles for individual wells were removed from the site vehicle immediately after purging and prior to sampling. Sample bottles were labelled with the groundwater well designation as only one sample was to be taken from each well.

2.4.3 Groundwater sampling

All groundwater wells were dipped on 9 February 2026 prior to sampling. Groundwater wells were purged and sampled on 9, 10 and 11 February 2026.

Wells were generally purged prior to sampling until dissolved oxygen, redox potential, conductivity, pH and temperature readings, measured in the field using a YSI Quatro Pro Plus multi parameter water meter, had stabilised. Groundwater well summary records for purging are provided in Appendix D.

After the completion of purging activities samples were taken from the well. One sample was collected from each well. Appropriate sampling bottles were used and all samples were stored in an esky with ice prior to transportation to the laboratory to ensure that optimal storage conditions were achieved as relevant to the type of analyses to be undertaken.

For the purging and sampling of the wells a Waterra Power Pack was used to pump the dedicated tubing and foot valves located in each well.

2.5 Quality Control Sampling

Quality control sampling was undertaken at the rates indicated in the following table.

Quality Sampling	Number samples collected	Number samples analysed
Intra Laboratory Duplicate (groundwater)	1 sample	1 sample
Inter Laboratory Duplicate (groundwater)	1 sample	1 sample
Rinsate Sample	1 sample	1 sample
Field Blank Sample	1 sample	1 sample
Trip Blank Sample	1 sample	1 sample

The procedure for collecting quality samples was the same as for normal samples.

2.6 Tracking of Samples

Tracking of samples was undertaken using Chain of Custody (COC) documentation. COCs were sent to the laboratories with instructions for the analyses required. The laboratories checked the condition and number of samples and signed and returned copies of the COC to confirm the receipt of samples. Copies of COCs are provided in Appendix K.

2.7 Analytical Testing

Analysis of groundwater, leachate and surface water samples, intra-laboratory duplicates, rinsate, field blank and trip blank samples were conducted by Eurofins. Inter-laboratory duplicates were analysed by Envirolab Services. Both laboratories hold National Association of Testing Authorities (NATA) registration for the parameters listed in the following table:

Parameter	Analytical Method	Limits of Reporting	Total Number of Samples Tested
Turbidity	Eurofins: APHA 2130B (LTM-INO-4140)	1 (NTU)	19+ (1+0+0+0) quality
Alkalinity	Eurofins: LTM-INO-4250 by Electrometric Titration	20	19+ (1+0+0+0) quality
	Envirolab: Inorg-006 APHA 2320-B	5	(1) quality
Hardness	Eurofins: APHA 2340B by Calculation	5	19+ (1+0+0+0) quality
Chloride	Eurofins: LTM-INO-4090 Chloride by Discrete Analyser	1	19+ (1+0+0+0) quality
	Envirolab: Inorg-081	1	(1) quality
Alkali Metals	Eurofins: LTM-MET-3010 by ICP-AES	0.5	19+ (1+0+0+0) quality
Sulphate	Eurofins: LTM-INO-4110 Sulfate by Discrete Analyser	5	19+ (1+0+0+0) quality
	Envirolab: Inorg-081	5	(1) quality
Organic N	Eurofins: APHA 4500	0.2	19+ (1+0+0+0) quality
	Envirolab: Inorg-062 colourimetrically	0.2	(1) quality
Ammonia	Eurofins: LTM-INO-4450 by Discrete Analyser	0.01	19+ (1+0+0+0) quality
	Envirolab: Inorg-057 colourimetrically	0.01	(1) quality
TKN	Eurofins: APHA 4500 by FIA	0.2	19+ (1+0+0+0) quality
	Envirolab: Inorg-062 colourimetrically	0.2	(1) quality
TOC	Eurofins: LTM-INO-4060	5	19+ (1+0+0+0) quality
	Envirolab: APHA 5310B	5	(1) quality
BOD 5 Day	Eurofins: LTM-INO-4010	5	19+ (1+0+0+0) quality

Parameter	Analytical Method	Limits of Reporting	Total Number of Samples Tested
COD	Eurofins: LTM-INO-4220	25	19+ (1+0+0+0) quality
	Envirolab: INORG-067	50	(1) quality
Metals	Eurofins: LTM-MET-3040 by ICP-MS	various	19+ (1+1+0+0) quality
	Envirolab: Metals-020 ICP-AES & Metals-022 ICP-MS	Various	(1) quality
Ferrous/Ferric Fe	Eurofins: LTM-INO-4190 by Discrete Analyser	0.05	19+ (1+0+0+0) quality
	Envirolab: APHA 3500-Fe-D		(1) quality
Cr VI	Eurofins: LTM-INO-4100 by Spectrometric detection	0.001	19+ (1+0+0+0) quality
	Envirolab: INORG-118	0.005	(1) quality
TRH	Eurofins: LTM-ORG-2010 TRH C6-C40	0.02, 0.05, 0.1	14+ (1+0+0+0) quality
	Envirolab:	0.01, 0.05, 0.1	(1) quality
VOC	Eurofins: LTM-ORG-2150 (USEPA 8260)	0.001 – 0.003, 0.005	14+ (1+0+0+1) quality
	Envirolab: USEPA 8260	various	(1) quality
SVOC	Eurofins: USEPA SW 846 8270	Various	14+ (1+0+0+0) quality
	Envirolab: USEPA 8270/8081	various	(1) quality
PCB	Eurofins: LTM-ORG-2220 (USEPA 8082)	0.0001	19+ (1+0+0+0) quality
PAH	Eurofins: LTM-ORG-2130	0.001	19+ (1+0+0+0) quality
	Envirolab: ORG-022_PAH	0.0001	(1) quality

Notes to table:

– Units are in mg/L unless otherwise stated

– Quality in the brackets refers to Eurofins intra-laboratory sample, rinsate, field blank and trip blank samples respectively and Envirolab inter-laboratory samples

3 QUALITY ASSESSMENT

Tierra Environment conducts investigations in accordance with the principles of quality assurance and quality control (QA/QC). The Tierra QA/QC principles include:

- use of established procedures and suitably qualified field personnel for environmental sampling
- documentation of chain-of-custody and sample handling and storage
- use of NATA registered laboratories (where possible)
- use of intra and inter laboratory field duplicates samples and rinsate, field blank, trip blank or trip spike samples

Quality of investigation outputs is maintained by ensuring:

- all staff are appropriately trained
- safety standards are defined and implemented
- good housekeeping practices are adopted during all phases of the investigation
- complete records of fieldwork, samples and data are maintained

Specific quality control procedures conducted for this investigation include:

- the use of appropriate sample collection and handling procedures
- the use of appropriately skilled and experienced personnel
- the application of decontamination procedures where appropriate to minimise cross contamination
- the extraction and analysis within appropriate handling times
- the use of an independent, NATA accredited laboratory for analysis (where possible)
- the collection and analysis of quality samples, e.g. blind duplicates, split duplicates, and internal laboratory duplicates, rinsate, field blank and matrix spike/matrix spike duplicates

Based on the QA/QC information listed in Appendix H, the results are considered to be of an appropriate standard and it is concluded that:

- field investigation and sample preservation methods are appropriate for the investigations reported
- the analytical methods used for site assessment are of appropriate precision and accuracy, and that the sensitivity and selectivity of the analytical methods are appropriate for the assessment of risks
- the precision and accuracy criteria set out in the QA/QC plan, for a given method and matrix, meet the performance expected of the reference method
- the quality of data supplied by the analytical laboratory meets the objectives of the testing laboratory's quality plan for blanks, spikes, control samples, laboratory duplicates and holding times

4 ASSESSMENT CRITERIA

As per the landfill's licence requirements groundwater, surface water and leachate results (where available) are to be assessed against the following criteria:

- ANZG (2018)[1] toxicant default guideline values for 95% level of species protection in freshwater
- ANZECC (2000) water quality trigger values (low risk) for heavy metals and metalloids in livestock drinking water, presented in Table 4.3.2
- ADWG (2011)[2] Table 10.6 – Guideline values for physical and chemical characteristics

Selected assessment criteria are listed in the summary table of analytical results provided in Appendix E.

As per the LEMP, the acceptance criteria for landfill gas and noise are as follows:

- Methane should be less than 1% by volume in perimeter wells.
- CO_2 should be less than 1.5% by volume in perimeter wells.
- The national standard for exposure to noise in the occupational environment is an eight-hour equivalent continuous A-weighted sound pressure level, LAeq, 8h of 85 dB(A). For peak noise, the national standard is a C-weighted peak sound pressure level, LC, peak, of 140 dB(C).

[1] Australian and New Zealand Guidelines for Fresh and Marine Water Quality, 2018 online revision

[2] Health and aesthetic criteria from The Australian Drinking Water Guidelines (ADWG) 6, 2011, updated 2018 was used in lieu of Guidelines for Managing Risks in Recreational Water (GMRRW), 2008 as the criteria in the GMRRW is taken from an old version of the ADWG.

5 INVESTIGATION RESULTS

5.1 Landfill Gas Monitoring

In February 2026, methane, carbon dioxide and oxygen concentrations were measured in 18 landfill gas monitoring points[3].

Monitoring results for the 11 serviceable wells situated within the filled landfill area were as follows:

	February 2026	
	Min	**Max**
Methane	16.9%	57%
Carbon dioxide	18.8%	41.8%
Oxygen	0.0%	1%
VOC (PID)	1.4ppm	8.4ppm

Serviceable wells within the active landfill area were MW9, MW10-M/L, MW17, MW23-U/L, MW24-U/L, MW25-L, MW33 and MW34.

The low oxygen and high carbon dioxide levels are consistent with an anoxic, methane-producing environment, such as landfills. Methane concentrations measured in wells were above the upper explosive limit (UEL) of 15%.

Monitoring results for the 7 serviceable perimeter wells were as follows:

	February 2026	
	Min	**Max**
Methane	0%	0%
Carbon dioxide	0%	3.1%
Oxygen	9.4%	20.3%
VOC (PID)	0ppm	6.4ppm

Serviceable wells around the perimeter of the landfill were MW26, MW27, MW28, MW29, MW30, MW31 and MW32.

Carbon dioxide concentrations of 3.0% (MW26) and 3.1% (MW30) exceeded the 1.5% LEMP criterion during the February 2026 monitoring event. No methane was detected in either well, and oxygen concentrations in these wells were at 16.6% and 17.9% indicating predominantly atmospheric conditions. On this basis, the exceedances are considered minor and reflective of normal landfill gas attenuation processes and do not represent an immediate risk to human health or safety. Continued routine monitoring in accordance with the LEMP is appropriate to confirm ongoing stability.

Landfill gas monitoring results are presented in Appendix B.

5.2 Landfill Gas Trends

Landfill gas generation is related to the moisture content within the fill for the majority of the life of a landfill. Generally an increase in moisture content results in an increase in landfill gas generation. The moisture content of the fill in the landfill is unknown. Pan evaporation and precipitation data logged at the Alice Springs airport between 1967 and June 2017 and evapotranspiration and precipitation data logged at the Alice Springs airport since July 2017 serve as useful proxy records to determine landfill moisture budgets. Surplus moisture budgets may facilitate increased water infiltration resulting in rising fill moisture content.

[3] As discussed in Section 2.1.1 landfill gas monitoring points MW12L,M,U and MW25M was not serviceable during this monitoring event.

From the evaporation and precipitation records a continuous moisture budget since 1967 has been calculated. The moisture budget has been conservatively corrected for pan effects[4] and soil effects[5]. A moisture budget figure is presented in Appendix C.

A graphical comparison between rainfall data and methane concentrations in monitoring wells since 2016[6] has been prepared and is also provided in Appendix C.

In general LFG monitoring since 2016 indicates a general trend to lower methane concentrations during sustained periods of moisture budget deficits and increases in the methane levels in wells following moisture surpluses as recently observed following the November 2021 and February 2024 moisture surpluses. A slight decrease in methane concentrations was observed in most wells this monitoring event which may be due to the moisture deficit over the last year[7].

5.3 Landfill Gas Accumulation Monitoring

There is the potential for landfill gas to accumulate inside structures on the landfill. Hence concentrations of methane, carbon dioxide and oxygen were measured inside the outside toilet, the office toilets, the weighbridge toilet and the rediscovery centre toilet. Monitoring was undertaken in the toilets as their connection to the underlying ground via the plumbing presents a possible preferential pathway into the buildings and as such are early indicators of potential landfill gas intrusion issues. Measured levels were consistent with outside atmospheric conditions, i.e. an accumulation of landfill gases in these structures was not detectable at the time of monitoring. Landfill gas accumulation monitoring records are provided in Appendix B.

5.4 Leachate Analytical Results

One leachate sample was collected from MW38. MW37 was dry.

Due to the limited amount of liquid present in the base of the leachate well water quality parameters were not able to be measured.

A review of the leachate results noted that concentrations of turbidity, ammonia, COD, TKN, organic nitrogen, iron, and total chromium were elevated compared to the groundwater results. These are likely key indicators for the presence of leachate in groundwater.

It was also noted that MW38 after being sampled dry and left overnight did not contain any additional liquid the following day suggesting limited leachate generation. The initial 72cm of leachate recorded is the volume that had accumulated in the sump (the well was drilled below waste into underlying rock to create a sump for collection of leachate) and appears to accumulate gradually over time.

Leachate results are presented in Appendix E.

5.5 Surface Water Field Observations

Surface water was present in February 2026 in four of the detention basins.

Field parameters were obtained for each basin as follows:

	pH	Conductivity (µS/cm)	Dissolved Oxygen (%)	Redox Potential (mV)	Odour	Dis-colouration	LNAPL
SW2	7.8	445	39	-32	No	tan	No
SW3	7.5	169	63	143	No	tan	No
SW4	7.9	439	23	200	No	tan	No
SW5	7.5	157	49	163	No	tan	No

[4] Raw pan evaporation data has been multiplied by 0.75 to conservatively account for the pan effect in an arid environment as Alice Springs. This step was not required for the evapotranspiration data.
[5] The raw pan evaporation data after accounting for the pan effect and the evapotranspiration data has been multiplied by 0.45 to conservatively account for the effect of evaporation in a sparsely vegetated arid environment.
[6] Methane data from the August 2015 and 2016 monitoring events was omitted from the graph to reduce the effect of seasonal variation on the methane trends.
[7] Heavy rains fell at the time of sampling however it is unlikely that they would impact methane levels without sufficient time to infiltrate.

5.6 Surface Water Analytical Results

Results for the analytes described in this section are presented in Appendix E. Original laboratory certificates are presented in Appendix K.

Surface water results generally complied with assessment criteria with the following exceptions:

	SW2	SW3	SW4	SW5
Turbidity	×	×	×	×
Copper	×		×	×
Iron	×			
Zinc	×	×		×

Elevated turbidity levels are expected given the water is runoff collected in a detention basin.

The copper, iron and zinc exceedances do not appear to be attributable to leachate entering the surface water basins given that the main indicators of leachate (ammonia, COD, TOC) are not elevated.

Acetone was also detected in SW2, SW4 and SW5 however no assessment criteria exists for this analyte. Given the low concentrations and the absence of other VOCs the detections are considered unlikely to be associated with leachate entering the surface water basins. Monitoring of surface water, when available, should continue.

5.7 Groundwater Survey Results

Groundwater level surveys have been conducted at the site since November 1999. Groundwater level survey results for the last ten years are presented Appendix D.

Between February 2025 and February 2026 water levels in groundwater wells generally decreased between 0.14m (MW1) to 0.68m (MW81). One well (MW4A) recorded an increase in water level by 0.14m.

Groundwater at the landfill appears to be influenced by artificial recharge associated with the effluent treatment ponds to the south of the landfill which are inferred to create a groundwater mound below the southern portion of the landfill. The influence of the sewage ponds in dry periods may become more pronounced and this may be reducing the influence of the regional flow which is expected to be from the north-west to the southeast. Groundwater levels in wells between the landfill and the sewage ponds are more likely to be influenced by seepage losses from the sewage ponds than the levels in wells further away from the ponds.

A contour map of the groundwater levels[8] for February 2026 is presented as Figure 6 in Appendix F. The contour map is similar to previous years with little change in the overall inferred groundwater flow patterns.

5.8 Groundwater Conductivity Monitoring

Field conductivity measurements were collected from all groundwater wells during purging.

Current conductivity levels continue to reflect the trend of elevated groundwater conductivity in wells within the vicinity of the sewage ponds compared to the groundwater conductivity in wells located on the northern side of the landfill.

A plot of the February 2026 conductivity contours is provided as Figure 7 in Appendix F.

[8] Groundwater contours are based on all wells except MW87 as no elevation data has been provided for this well.

5.9 Groundwater Field Observations

Records of groundwater gauging and purging are presented in Appendix D. In summary the following purging results were obtained:

	pH	Conductivity (µS/cm)	Dissolved Oxygen (%)	Redox Potential (mV)	Odour	Dis-colouration	LNAPL
MW1	6.5	5271	9.8	113	No	No	No
MW2	6.5	9141	3.9	222	No	No	No
MW3	6.9	1731	2.5	3.5	No	No	No
MW4A	6.6	6332	1.8	161	No	No	No
MW5A	6.6	6332	18	184	No	No	No
MW6A	6.5	4615	12	2.8	Rotten	Light grey	No
MW7A	6.6	4560	5.1	60	No	Cream	No
MW81	6.7	7714	5.5	145	No	No	No
MW82	6.6	5452	27	215	No	No	No
MW83	6.6	4634	6	218	No	Tan	No
MW84	6.5	2695	34	28	No	No	No
MW85	6.7	2914	18	186	No	No	No
MW86	6.6	4130	18	154	No	Tan	No
MW87	6.5	8325	4.3	-44	Rotten	No	No

5.10 Groundwater Analytical Findings

Results for the analytes described in this section are presented in Appendix E. Original laboratory certificates are presented in Appendix K.

Groundwater results generally complied with assessment criteria with the following exceptions:

	Background between ponds and landfill		Background wells		Indicator Wells							Other Wells			Leachate Well
	MW2	MW4A	MW3	MW81	MW1	MW5A	MW6A	MW7A	MW85	MW86	MW87	MW82	MW83	MW84	MW38
Turbidity		×	×	×			×	×	×	×	×		×		×
Chloride	×	×		×	×	×	×	×	×	×	×	×	×	×	×
Sodium	×	×		×	×	×	×	×	×	×	×	×	×	×	×
Sulphate	×	×	×		×										×
Hardness	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Boron	×	×			×	×		×	×		×				×
Copper	×	×			×	×						×	×	×	
Ammonia											×				×
Arsenic							×								
Iron							×				×				×
Manganese		×				×					×	×			×
Nickel	×										×				
Zinc						×				×			×		×

The observed exceedances in the above table for turbidity, chloride, sodium, sulphate, hardness, boron and copper are likely attributed to background conditions as exceeded concentrations are also present in background wells. These analytes have been shaded in the above table to highlight them. Discussion of the other analytes are as follows:

- Ammonia – The elevated concentration in MW87 (1.58mg/L) is likely from the landfill. The standing water level is close to the base of the waste at this location.
- Arsenic - The elevated concentration in MW6A (0.013mg/L) is likely from the landfill given the well is located in the waste. It should be noted that the concentration in this well is higher than the leachate well (0.006mg/L).
- Iron – It is expected that the iron in MW6A (0.31mg/L) and MW87 (3.7mg/L) is from the landfill given the location of these wells within the waste.
- Manganese – Results exceeding criteria (0.1mg/L) were identified in a 'background well between the sewage ponds and the landfill' MW4 (0.83mg/L), 'indicator wells' MW5A (2.8mg/L) and MW87 (1.3mg/L), and an 'other well' MW82 (0.38mg/L). The highest results were in MW5A and MW87, the two 'indicator wells' while results from a 'background well between the ponds and the landfill' were similar. There does not appear to be a link between these exceedances and the landfill however the reason for the elevated levels is not apparent.
- Nickel – Concentrations in MW2 (0.013mg/L) and MW87 (0.018mg/L) exceed the ANZG Freshwater 95% criteria (0.011mg/L). One is a background well between the sewage ponds and landfill and the other an indicator well. As elevated concentrations of nickel are not present in the leachate the elevated levels in the two groundwater wells are unlikely to be due to the landfill.
- Zinc – Elevated concentrations were reported in indicator wells MW5 (0.009mg/L) and MW86 (0.01mg/L) and MW83 (0.021mg/L) an 'other well' which also had the highest concentration. Elevated results may possibly be attributable to the landfill however it is not definitive.
- While concentrations did not exceed relevant assessment criteria, toluene was detected in wells MW6A, MW83 and MW86. Benzo(g,h,i)perylene were also detected in MW7A and MW84 and TRH were detected in MW87 however, no assessment criteria exist for these analytes. As these wells are not considered background locations and the analytes are generally not naturally occurring in groundwater, the detections are considered likely to represent localised groundwater impacts associated with the landfill.

5.11 Groundwater Trend Analysis

A Mann Kendall trend analysis was undertaken for selected analytes considered potential indicators of landfill leachate impacts on groundwater quality. The analytes assessed included pH, ammonia, BOD, COD, conductivity, sulphate, TKN, TOC, arsenic, copper, iron, nickel and zinc.

A summary of the Mann Kendall analysis is provided below:

Well	pH	NH_3	BOD	COD	EC	SO_4	TKN	TOC	Metals	Overall Interpretation
MW1	↓	-	↓	-	-	↓	↑	↑?	Ni ↓, Zn ↓	Mixed trends with isolated increases in TKN and possibly TOC. No concurrent increase in key leachate indicators such as ammonia or EC. No clear evidence of leachate influence.
MW2 (BG)	↓?	-	↓	-	↑	↑?	-	-	Fe ↓?, Zn ↓?	Increasing EC and possibly a sulphate increase observed in a background well, suggesting natural groundwater variability rather than landfill influence.

Well	pH	NH_3	BOD	COD	EC	SO_4	TKN	TOC	Metals	Overall Interpretation
MW3 (BG)	↓	↑?	↓	↑	↑	-	↑	-	-	Increasing COD, EC and TKN trends observed in a background well. Trends are therefore unlikely to be related to landfill leachate.
MW4A (BG)	↓	↑?	↓	-	-	-	-	-	Cu ↓?, Ni ↑, Zn ↓	Mostly stable parameters with isolated metal trends. No consistent leachate indicator pattern.
MW5A	↓	-	↓	-	-	-	-	-	Zn ↓	Generally stable with decreasing zinc. No leachate indicator trends.
MW6A	↓	-	-	-	↑?	-	-	-	Fe ↓?, Zn↓?	Largely stable groundwater chemistry with minor possible EC increase. No supporting leachate indicators.
MW7A	-	↑?	-	-	↓?	↓	-	-	Cu ↑, Ni ↑, Zn ↓	Mixed trends including increasing metals and decreasing sulphate/EC. Pattern is inconsistent with typical landfill leachate influence.
MW81 (BG)	-	↓	-	↑?	-	-	↓?	-	Ni ↓, Zn↓	Decreasing ammonia and TKN trends in a background well indicate natural variation rather than landfill impact.
MW82	↓	-	-	-	-	-	-	-	Ni ↑?	Generally stable with isolated possible nickel increase. No supporting leachate indicators.
MW83	↓	↓?	-	-	-	↑	-	-	As ↓, Cu ↑?, Fe↓, Ni ↑?, Zn ↑?	Mixed metal trends and sulphate increase but no concurrent increases in nitrogen indicators or EC. No clear leachate signature.
MW84	↓	-	-	-	-	-	-	-	-	No significant trends identified.
MW85	↓	-	-	-	-	-	-	-	-	No significant trends identified.
MW86	↓	-	-	-	-	↓?	-	-	-	Possible sulphate decrease only. No evidence of leachate influence.

Note:
↑ Increasing trend
↓ Decreasing trend
- Stable or no trend
? Possible trend (low confidence)
BG Background well

The Mann Kendall trend analysis identified both increasing and decreasing trends for various analytes across all the wells. On a well-by-well basis, no well exhibited increasing trends across multiple key leachate indicators suggesting that there is unlikely to be localised groundwater impact from landfill leachate. When assessed across the landfill as a whole, no clear trends were observed in wells within the filled cells and down hydraulic gradient from the landfill cells. In addition, several increasing trends in leachate indicators were observed in background wells, further suggesting that the observed variations reflect natural groundwater variability rather than landfill influence.

6 ENVIRONMENTAL MONITORING RECORD RESULTS

6.1 General

As part of the requirements of the LEMP for the landfill, Tierra monitored the following aspects of the landfill during the annual site visit:

- surface water
- odour
- litter
- weeds
- pests
- landscaping
- erosion

In addition, Low Ecological Services (on behalf of Council) monitored the following at regular intervals throughout the year[9]:

- particulate matter less than 10 microns (PM_{10})
- odour
- litter
- noise

Records of the monitoring activities are presented in Appendix J. A plan showing the locations where dust and noise monitoring activities were undertaken is provided as Figure 8 in Appendix J.

6.2 Surface Water

Four of the five stormwater ponds contained water. SW1 was dry. Drainage lines were flowing during the inspection and were functioning as intended and were in good condition. Vegetation cover on side slopes and in drainage lines was good and erosion, even during the significant rain event was minimal as a result.

6.3 Odour

During Tierra's site visits no landfill odours were noticed at the monitoring locations. There were odours in the vicinity of the sewage ponds, but this was not related to the landfill.

Throughout the year Low Ecological Services undertook odour monitoring at monitoring locations around the landfill and near the offsite effluent ponds on 36 occasions. Landfill odour was observed on 11 of the 36 occasions (30% of occasions) a decrease from 41% last year and odour from the effluent ponds was observed on 8 of the 36 occasions (22% of occasions) a decrease from 41% last year.

6.4 Litter

During Tierra's site visit the active filling area was small and material was compacted as it was placed. Recently filled areas were well covered with daily cover. The recycling area to the west of the filling area (where metals, concrete and timber are recycled) is well ordered with clearly marked rows/piles of consistent material.

There was minor litter observed on the landfill slopes; however, it was not considered significant. No excessive littler caused by landfill activities was observed on adjacent properties.

During the course of the year Low Ecological Services undertook monitoring of litter at either one or more locations (e.g. the landfill or dust monitoring locations) on 36 occasions. Litter was again observed on only 3 occasions. It is unknown where the litter was observed or how much litter was observed.

[9] Low Ecological provided data from beginning of April 2025 until the end of December 2025. No data was provided for February and March 2025 and January and February 2026 as Low Ecological stated that the units were interstate being calibrated on these dates.

6.5 Other Observations

In general, the landfill is in neat and tidy condition and access roads are well maintained.

There was however significant rainfall which made the roads temporarily impassable and they were closed before damage was caused. There was a large pile of tyres that was shredded with the new shredder. The volume reduction was significant. While there was significant rain there was very little litter in the detention basins which was unexpected.

6.6 Weeds and Landscaping

Weeds are generally quite wide spread across the landfill and side slopes. Side slopes and the top of the landfill are well vegetated with the top having mainly weeds. While weeds are dominant in some areas this does not seem to be an issue as it has stabilised the surface well and this has been confirmed with the side slopes and drainage channels holding up well during the significant rains at the time of observation.

6.7 Pests

Bird numbers (eagles and crows) were as in previous years low which is consistent with the fact that the active filling area is small and compacting and covering is continuous throughout the day.

6.8 Erosion

Erosion control appeared good. Adequate vegetation on the side slopes appeared to be assisting the slope stability. During the observation period there was multiple significant rain events and it was difficult to see any obvious indications of erosion.

6.9 Particulate Matter

Throughout the year Low Ecological Services undertook monitoring of dust levels at three locations, i.e. West of Little Sisters Camp, East of Little Sisters Camp and on the landfill. Based on the information received the average particulate levels from April 2025 to January 2025 ranged from 0.003mg/m^3 to 0.05mg/m^3 and which is consistent with the 2024 to 2025 levels of 0.004mg/m^3 to 0.056mg/m^3. Average dust levels were observed to be below 0.05mg/m^3 on the majority of occasions throughout the year with the exception of two events where levels were 0.05mg/m^3, thereby complying with the conformance criterion of no more than 5 exceedances per year.

Particulate matter monitoring records are presented in Appendix J.

6.10 Noise

Low Ecological Services monitored noise levels from locations situated around the landfill throughout the year on 36 occasions. For each monitoring event multiple readings were taken over an approximate 6hr period and then the percentage of the readings that were recorded to be above either 65dB, 80dB and 95dB was noted. Based on data provided the following was observed:

- On 3 occasions readings were found to exceed 95dB. The percentage of readings recorded over 95dB ranged from 0.33% to 0.85%.
- On 17 of the 36 occasions readings were found to exceed 80dB. The percentage of readings recorded over 80dB ranged from 0.24% to 26%.
- Noise levels were observed to be over 65dB on 31 of the 36 occasions. The percentage of readings recorded above 65dB ranged from 0.23% to 97%.

These results comply with the performance criteria. Noise monitoring records are presented in Appendix J.

7 SUMMARY AND RECOMMENDATIONS

7.1 Summary

On the basis of information contained in this report (i.e. observations made during site presence, field and analytical testing), the following conditions are summarised:

- On average methane levels measured in wells were generally consistent with the previous year, however slight decreases were noted in most wells with exception of MW23(U) and MW34.
- The highest concentrations of methane were measured in wells MW10(M) located within the filled area.
- Concentrations of methane were not detected in perimeters bores MW26, MW27, MW28, MW29, MW30, MW31 and MW32.
- No concentrations of methane were measured within the explosive limits of 5% - 15%.
- The concentration of CO_2 in perimeter bores MW26 and MW30 was above the criterion of 1.5%. This can occur in natural soils and in the absence of any methane are unlikely to be associated with the landfill.
- Monitoring of potential accumulation points during this monitoring visit did not find levels of methane above the instrument's limit of detection.
- Surface water samples were collected from four of the detention basins. The basins and drainage lines appeared to be in relatively good condition.
- Surface water results reported elevated concentrations of turbidity, copper, iron and zinc above assessment criteria. Exceedances do not appear to be attributable to leachate entering the surface water basins given that the main indicators of leachate (ammonia, COD, TOC) are not elevated.
- Leachate was detected and sampled in MW38. Results found elevated concentrations of turbidity, ammonia, COD, TKN, organic nitrogen, iron, and total chromium compared to the groundwater results. These are likely key indicators for the presence of leachate in groundwater. No leachate was detected in MW37. The generation of leachate appears to be slow. The sampled leachate well did not recover when additional sample was attempted to be collected the following day.
- Groundwater level survey results indicated that the effluent ponds to the south of the site affect groundwater levels with a groundwater mound being created and natural groundwater gradients being altered in the vicinity of the effluent ponds.
- Analytical results for groundwater samples generally complied with assessment criteria with the exception of the following exceedances turbidity, ammonia, chloride, sodium, sulphate, hardness, arsenic, boron, copper, iron, manganese, nickel and zinc. Exceedances of ammonia, arsenic, iron, manganese, nickel and zinc were generally observed in indicator wells MW5A, MW6A, MW86 and MW87. Exceedances in these wells may be due to influence from the landfill. Exceedances for other analytes and wells are likely attributed to background conditions.
- A Mann Kendall trend analysis was undertaken for analytes considered potential indicators which included pH, ammonia, BOD, COD, electrical conductivity, sulphate, TKN, TOC, copper, nickel, iron and zinc. The analysis identified both increasing and decreasing trends across analytes; however, no well showed consistent increases in key leachate indicators, indicating no evidence of localised landfill impact. Observed trends, including increases in background wells, are considered to reflect natural groundwater variability rather than landfill influence.
- During Tierra's site visit no landfill odours were noticed however odours were observed in the vicinity of the offsite sewage ponds. Low Ecological's monitoring throughout the year identified landfill odours and sewage pond odours on 41% of the occasions.
- In general, the landfill is in neat and tidy condition and access roads are well maintained.

- Bird numbers (eagles and crows) were low, consistent with previous years likely due to the active filling area being small and compacting and covering being continuous throughout the day.
- Vegetation is still abundant but contained a high percentage of weeds which appears to be stabilising the landfill. Until such time as final capping and revegetation is proposed the current vegetation should not be disturbed.
- Particulate matter was observed to be below 0.05mg/m^3 on the majority of occasions throughout the year with the exception of two events where levels were equal with 0.05mg/m^3, thereby complying with the conformance criterion of no more than 5 exceedances per year.
- Noise monitoring results complied with the assessment criteria for the year.

7.2 Recommendations

Environmental monitoring conducted at the landfill provided sufficient data to allow a reasonably thorough assessment of the landfill's environmental performance in terms of groundwater, landfill gas and general environmental issues.

On the basis of monitoring results available to date the following is recommended:

- Landfill gas accumulation in enclosed spaces on and adjacent to the landfill should continue to be monitored to ensure that safety limits of methane concentrations are not exceeded.
- Monitoring of landfill gas within the landfill should be continued as described in the Landfill Environmental Management Plan.
- Groundwater monitoring should be continued as described in the Landfill Environmental Management Plan.
- Well MW87 should be monitored in the future to further investigate the presence of elevated analytes associated with leachate.
- The active face of the landfill should continue to be kept small to minimise litter, odour and pests.

8 LIMITATIONS OF USE

Site contamination is generally a product of man-made processes and therefore exhibits characteristics and properties that vary from place to place and can change with time. Contamination assessments involve gathering and assimilating limited facts about these characteristics and properties in order to better understand or predict the status of contamination on a particular site under certain conditions.

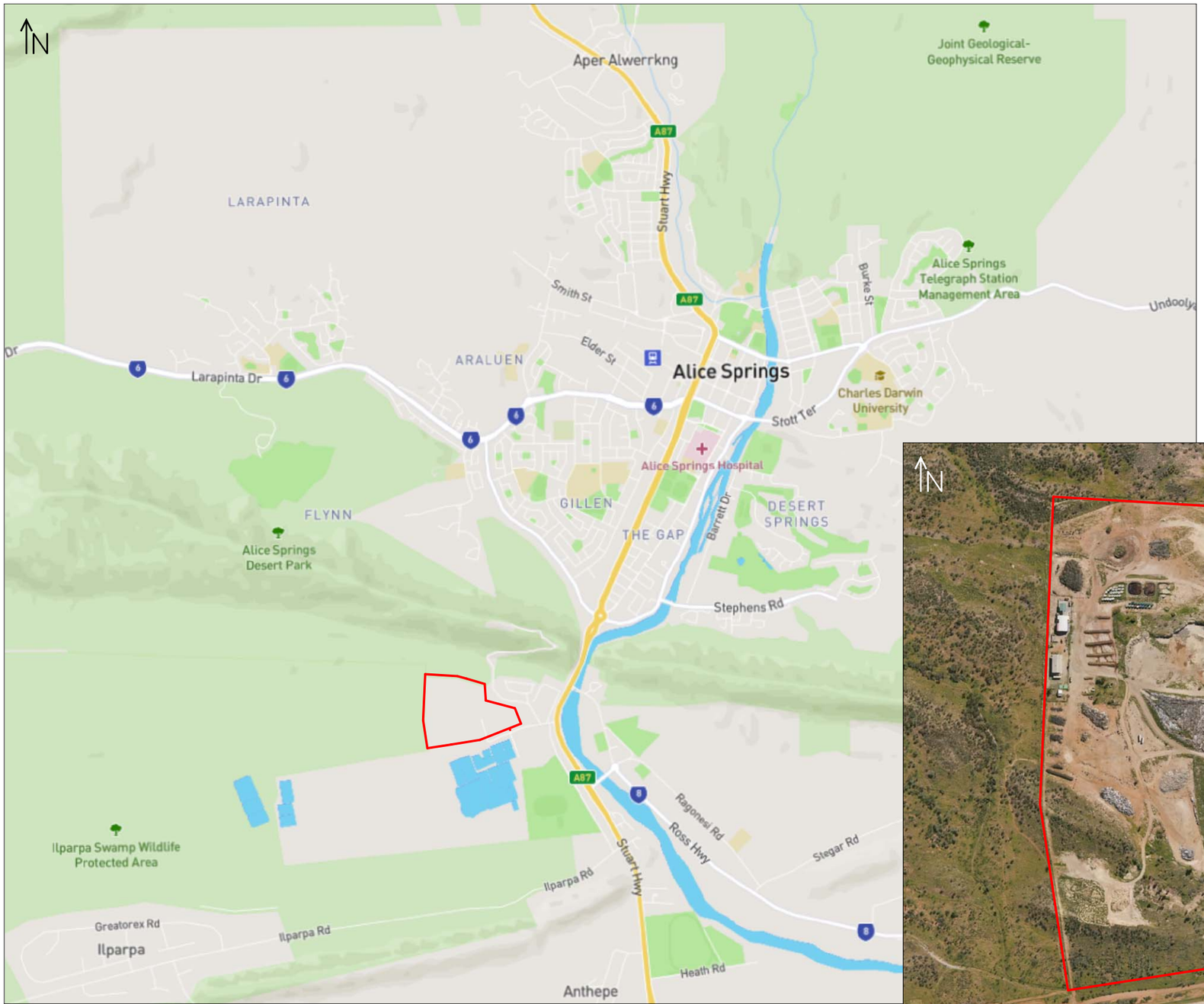
The facts reported and utilised in this document were obtained by inspection, excavation, sampling, testing, and other means of investigation or from the client. They are directly relevant only to the ground at the place where and time when an investigation was carried out.

Any interpretation or recommendation given in this report is based on judgment and experience and not on greater knowledge of the facts than the sources of information indicate. The interpretations and recommendations are opinions provided for the sole use by Alice Springs Town Council and in accordance with a specific brief.

Tierra Environment does not represent that the information or interpretation contained in this document addresses completely existing features such as surface and subsurface contamination, groundwater and geotechnical conditions or ground or contamination behaviour on a subject site or of particular materials.

The responsibility of Tierra Environment Pty Ltd is solely to Alice Springs Town Council. It is not intended that this document be relied upon by any third party. Tierra Environment does not undertake any duty or accept any responsibility to any other parties who may rely upon this document.

APPENDIX A
SITE PLANS





Landfill boundary

Notes:

1. Base aerial photo from Aerometrex dated 3 May 2025.
2. Landfill boundary is based on a client provided survey.

C:\Users\LaurenHarveyTierraEn\Tierra Environment\Shared - Projects\06\AAQ 06 023\30\Surfer\Fig 1 - 2026- Site Location Plan.srf

Figure 1 - Site Location Plan
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

Revision A, 27 February 2026



TIERRA ENVIRONMENT

Scale (m)
0 50 100

Notes:

1. Base aerial photo from Aerometrex dated 3 May 2025.

Legend

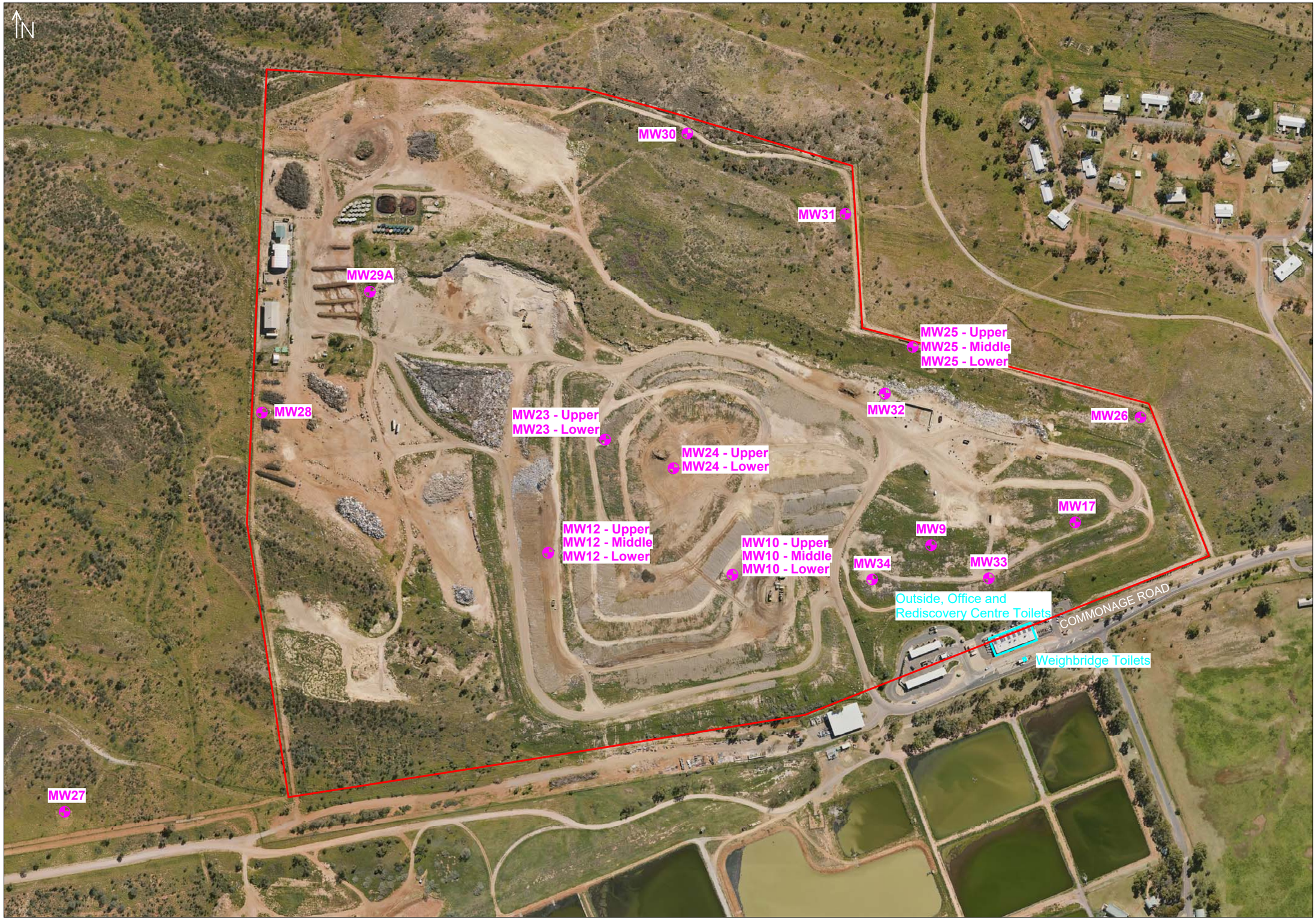
MW2 Groundwater monitoring well

Landfill boundary

Figure 2 - Groundwater Monitoring Well Locations
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

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Revision A, 27 February 2026



TIERRA ENVIRONMENT

Scale (m)
0 50 100

Notes:

1. Base aerial photo from Aerometrex dated 3 May 2025.

Legend

MW2 Gas monitoring bore

Landfill boundary

Figure 3 - Gas Monitoring Bore Locations
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

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Rev A, 27 February 2026



Scale (m)
0 50 100

Notes:

1. Base aerial photo from Aerometrex dated 3 May 2025.

Legend

MW38 Leachate monitoring bore

Landfill boundary

Figure 4 - Leachate Bore Monitoring Location
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

Revision A, 27 February 2026

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TIERRA ENVIRONMENT

Scale (m)
0 50 100

Notes:

1. Base aerial photo from Aerometrex dated 3 May 2025.

Legend

SW2 Surface water monitoring location

Landfill boundary

Figure 5 - Surface Water Monitoring Locations
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

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Revision A, 27 February 2

APPENDIX B
GAS MONITORING RECORDS

Alice Springs Town Council **Landfill Gas**
Regional Waste Management Facility **Monitoring Records**
Environmental Performance
Monitoring Report - February 2026

Well	MW9	**Date**	12/02/2026	**Time**	4:10pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.28						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	16.4	21.5	5.1	0	0	1.4
1	47.7	32.3	0.1	0	0	1.6
2	48.5	32.8	0.0	0	0	1.6
3	48.7	33.0	0.0	1	2	1.6
4	48.7	33.0	0.0	1	2	1.5
5	48.7	32.9	0.0	0	2	1.5
6	48.7	32.9	0.0	0	2	1.5
7	48.7	32.9	0.0	0	2	1.5
8	48.7	32.9	0.0	0	2	1.4
9	48.7	33.0	0.0	0	2	1.4
10	48.7	32.9	0.0	0	2	1.4
15	48.7	32.9	0.0	0	2	-

Well	MW10L	**Date**	12/02/2026	**Time**	11:30am	**Sampled By**	DPB
Barometric Pressure	944						
Relative Pressure	-						
Flow (L/hr)	-						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	8.3	13.5	0	0	4.3
1	0.0	15.7	9.0	0	0	4.8
2	0.0	25	3.4	0	0	5.1
3	0.0	27.7	2.0	0	0	9.1
4	3.8	29.7	1.2	0	0	9.0
5	26.4	30.5	0.6	0	0	5.4
6	32.9	27.4	0.2	0	0	5.0
7	40.2	21.5	0.0	0	0	5.0
8	44.4	19.7	0.0	0	0	5.1
9	45.2	19.3	0.0	4	4	5.1
10	45.3	18.9	0.0	4	4	5.2
15	45.2	18.8	0.0	4	4	5.2

Well	MW10M	**Date**	12/02/2026	**Time**	12:00pm	**Sampled By**	DPB
Barometric Pressure	944						
Relative Pressure	-						
Flow (L/hr)	-						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	55.8	37.4	0.4	5	3	3.0
1	56.8	38.5	0.1	5	3	3.0
2	56.9	38.6	0.0	5	3	2.9
3	57.0	38.7	0.0	6	4	2.9
4	57.0	38.7	0.0	6	4	2.9
5	57.0	38.8	0.0	6	4	2.9
6	57.0	38.6	0.0	6	4	2.9
7	57.0	38.6	0.0	6	4	2.9
8	57.0	38.6	0.0	6	4	2.9
9	57.1	38.6	0.0	6	4	2.9
10	57.0	38.6	0.0	6	4	2.8
15	57.0	38.6	0.0	6	4	2.8

Alice Springs Town Council **Landfill Gas**
Regional Waste Management Facility **Monitoring Records**
Environmental Performance
Monitoring Report - February 2026

Well	MW12L	**Date**	12/02/2026	**Time**	-	**Sampled By**	DPB
Barometric Pressure	-						
Relative Pressure	-	Well not accessible					
Flow (L/hr)	-						

Time Pumping (minutes)	**CH_4 (%)**	**CO_2 (%)**	**O_2 (%)**	**H_2S (ppm)**	**CO (ppm)**	**PID (ppm)**
0	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
15	-	-	-	-	-	-

Well	MW12M	**Date**	12/02/2026	**Time**	-	**Sampled By**	DPB
Barometric Pressure	-						
Relative Pressure	-	Well not accessible					
Flow (L/hr)	-						

Time Pumping (minutes)	**CH_4 (%)**	**CO_2 (%)**	**O_2 (%)**	**H_2S (ppm)**	**CO (ppm)**	**PID (ppm)**
0	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
15	-	-	-	-	-	-

Well	MW12U	**Date**	12/02/2026	**Time**	-	**Sampled By**	DPB
Barometric Pressure	-						
Relative Pressure	-	Well not accessible					
Flow (L/hr)	-						

Time Pumping (minutes)	**CH_4 (%)**	**CO_2 (%)**	**O_2 (%)**	**H_2S (ppm)**	**CO (ppm)**	**PID (ppm)**
0	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
15	-	-	-	-	-	-

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Well	MW17	**Date**	12/02/2026	**Time**	3:20pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.32						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	32.9	28.0	0.6	3	2	7.5
1	33.3	28.5	0.1	7	4	7.9
2	33.8	28.6	0.0	8	4	8.1
3	33.8	28.7	0.0	8	4	8.2
4	33.8	28.6	0.0	8	4	8.2
5	33.9	28.7	0.0	8	5	8.2
6	33.9	28.7	0.0	8	5	8.2
7	33.9	28.7	0.0	8	5	8.3
8	33.9	28.7	0.0	8	5	8.3
9	34.0	28.6	0.0	8	5	8.3
10	33.9	28.6	0.0	8	5	8.3
15	34.0	28.8	0.0	8	5	8.4

Well	MW23L	**Date**	12/02/2026	**Time**	1:15pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.36						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	36.3	37.5	0.4	0	4	0.7
1	55.9	39.4	0.0	1	4	0.8
2	55.8	39.4	0.0	1	4	0.8
3	55.7	39.6	0.0	1	4	0.9
4	55.7	39.5	0.0	1	4	0.9
5	55.7	39.5	0.0	1	4	0.9
6	55.6	39.5	0.0	1	4	0.9
7	55.7	39.6	0.0	1	4	1.2
8	55.7	39.6	0.0	1	4	1.2
9	55.7	39.8	0.0	2	4	1.6
10	55.8	39.8	0.0	2	4	2.0
15	55.8	39.8	0.0	2	4	2.1

Well	MW23U	**Date**	12/02/2026	**Time**	1:40pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.65						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	26.1	26.7	6.6	48	9	2.8
1	25.8	27.8	1.8	51	9	4.6
2	25.8	27.8	1.8	103	5	5.2
3	27.6	29.6	1.1	162	5	5.8
4	34.3	33.1	1.0	76	1	3.9
5	34.4	33.2	1.0	68	1	3.8
6	34.1	33.2	1.0	59	1	3.8
7	33.9	33.1	1.0	52	1	3.7
8	33.6	33.0	1.0	50	1	3.7
9	33.6	33.0	1.0	47	1	3.7
10	33.5	32.9	1.0	41	1	3.6
15	33.5	32.9	1.0	24	1	3.2

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Well	MW24L	**Date**	12/02/2026	**Time**	2:05pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.25						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	1.2	15.4	4.2	0	3	13.1
1	4.3	18.3	3.3	0	3	17.6
2	45.4	23.2	3.1	3	3	8.2
3	27.3	20.9	2.5	2	3	3.1
4	39.5	36.5	0.5	2	3	4.0
5	48.7	41.0	0.0	2	2	3.6
6	51.9	41.8	0.0	1	2	3.7
7	52.0	42.0	0.0	1	2	4.0
8	51.9	41.9	0.0	1	2	4.1
9	51.9	41.9	0.0	1	2	5.3
10	51.9	41.8	0.0	1	2	4.8
15	51.9	41.8	0.0	1	2	4.7

Well	MW24U	**Date**	12/02/2026	**Time**	2:25pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.56						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	46.4	36.5	0.8	2	3	0.9
1	53.3	40.8	0.0	2	3	1.5
2	53.5	40.9	0.0	2	3	1.6
3	53.6	40.9	0.0	2	3	1.6
4	53.6	40.8	0.0	2	3	1.7
5	53.7	40.9	0.0	2	3	1.7
6	53.6	40.9	0.0	2	3	1.7
7	53.6	40.9	0.0	2	3	1.7
8	53.6	40.9	0.0	2	3	1.7
9	53.6	40.8	0.0	2	3	1.7
10	53.6	40.7	0.0	2	3	1.7
15	53.6	40.7	0.0	2	3	1.7

Well	MW25L	**Date**	12/02/2026	**Time**	2:50pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.2						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.5	19.4	0	0	1.9
1	5.3	14.3	8.5	0	0	1.8
2	12.7	20.7	2.1	0	0	1.8
3	32.8	29.6	0.4	0	0	1.7
4	39.3	30.3	0.4	0	0	1.7
5	44.2	30.4	0.2	0	0	1.7
6	45.9	30.4	0.1	0	0	1.5
7	46.0	30.4	0.0	0	0	1.5
8	45.9	30.4	0.0	0	0	1.4
9	45.8	30.4	0.0	0	0	1.4
10	46.1	30.5	0.0	0	0	1.4
15	46.3	30.5	0.0	0	0	1.4

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Well	MW25M	**Date**	12/02/2026	**Time**	3:10pm	**Sampled By**	DPB
Barometric Pressure		943					
Relative Pressure		-		Pump cuts out when connected suspect blockage			
Flow (L/hr)		-					

Time Pumping (minutes)	**CH_4 (%)**	**CO_2 (%)**	**O_2 (%)**	**H_2S (ppm)**	**CO (ppm)**	**PID (ppm)**
0	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
15	-	-	-	-	-	-

Well	MW26	**Date**	12/02/2026	**Time**	7:15am	**Sampled By**	DPB
Barometric Pressure		948					
Relative Pressure		0.21					
Flow (L/hr)		0.00					

Time Pumping (minutes)	**CH_4 (%)**	**CO_2 (%)**	**O_2 (%)**	**H_2S (ppm)**	**CO (ppm)**	**PID (ppm)**
0	0.0	2.8	18.2	0	0	0.0
1	0.0	2.9	18.1	0	0	0.0
2	0.0	2.9	18.0	0	0	0.0
3	0.0	3.0	18.0	0	0	0.0
4	0.0	3.0	17.9	0	0	0.0
5	0.0	3.0	17.9	0	0	0.0
6	0.0	3.0	17.9	0	0	0.0
7	0.0	3.0	17.9	0	0	0.0
8	0.0	3.0	17.9	0	0	0.0
9	0.0	3.0	17.9	0	0	0.0
10	0.0	3.0	17.9	0	0	0.0
15	0.0	3.0	17.9	0	0	0.0

Well	MW27	**Date**	12/02/2026	**Time**	9:30am	**Sampled By**	DPB
Barometric Pressure		944					
Relative Pressure		0.1					
Flow (L/hr)		0.0					

Time Pumping (minutes)	**CH_4 (%)**	**CO_2 (%)**	**O_2 (%)**	**H_2S (ppm)**	**CO (ppm)**	**PID (ppm)**
0	0.0	0.7	20.2	0	0	1.1
1	0.0	0.8	20.3	0	0	0.8
2	0.0	0.7	20.3	0	0	0.7
3	0.0	0.8	20.3	0	0	0.7
4	0.0	0.8	20.3	0	0	0.7
5	0.0	0.8	20.3	0	0	0.6
6	0.0	0.8	20.3	0	0	0.6
7	0.0	0.8	20.3	0	0	0.6
8	0.0	0.8	20.3	0	0	0.6
9	0.0	0.8	20.3	0	0	0.6
10	0.0	0.8	20.3	0	0	0.6
15	0.0	0.8	20.3	0	0	0.5

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Well	MW28	**Date**	12/02/2026	**Time**	12:50pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.12						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.2	12.2	0	0	1.2
1	0.0	0.3	11.6	0	0	0.8
2	0.0	0.3	11.7	0	0	0.6
3	0.0	0.3	11.8	0	0	0.5
4	0.0	0.3	11.8	0	0	0.4
5	0.0	0.3	11.8	0	0	0.4
6	0.0	0.4	11.9	0	0	0.4
7	0.0	0.4	11.9	0	0	0.4
8	0.0	0.4	11.9	0	0	0.4
9	0.0	0.4	11.9	0	0	0.4
10	0.0	0.4	11.9	0	0	0.4
15	0.0	0.4	11.9	0	0	0.4

Well	MW29A	**Date**	12/02/2026	**Time**	12:25pm	**Sampled By**	DPB
Barometric Pressure	943						
Relative Pressure	0.1						
Flow (L/hr)	0.0						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.6	0.7	9.9	0	0	5.8
1	0.3	0.2	9.8	0	0	4.9
2	0.1	0.1	9.7	0	0	4.7
3	0.0	0.1	9.7	0	1	4.4
4	0.0	0.0	9.7	0	0	4.3
5	0.0	0.0	9.7	0	1	4.1
6	0.0	0.0	9.7	0	0	4.0
7	0.0	0.0	9.7	0	1	4.0
8	0.0	0.0	9.7	0	0	3.8
9	0.0	0.0	9.7	0	0	3.7
10	0.0	0.0	9.7	0	0	3.8
15	0.0	0.0	9.7	0	0	3.7

Well	MW30	**Date**	12/02/2026	**Time**	8:45am	**Sampled By**	DPB
Barometric Pressure	944						
Relative Pressure	0.05						
Flow (L/hr)	0.00						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	2.1	17.5	0	0	0.0
1	0.0	2.1	17.5	0	0	0.0
2	0.0	2.3	17.3	0	0	0.0
3	0.0	2.4	17.2	0	0	0.0
4	0.0	2.6	17.1	0	0	0.0
5	0.0	2.8	16.9	0	0	0.0
6	0.0	2.9	16.8	0	0	0.0
7	0.0	3.0	16.7	0	0	0.0
8	0.0	3.1	16.6	0	0	0.0
9	0.0	3.1	16.6	0	0	0.0
10	0.0	3.1	16.6	0	0	0.0
15	0.0	3.1	16.6	0	0	0.0

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Well	MW31	**Date**	12/02/2026	**Time**	8:15am	**Sampled By**	DPB
Barometric Pressure		946					
Relative Pressure		0.05					
Flow (L/hr)		0.00					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.7	16.5	0	0	1.1
1	0.0	0.9	16.8	0	0	1.1
2	0.0	1.2	16.8	0	0	0.9
3	0.0	1.3	16.9	0	0	0.9
4	0.0	1.5	16.9	0	0	0.9
5	0.0	1.5	17.0	0	0	0.8
6	0.0	1.5	17.0	0	0	0.9
7	0.0	1.4	17.0	0	0	0.7
8	0.0	1.6	16.9	0	0	0.6
9	0.0	1.5	17.0	0	0	0.6
10	0.0	1.5	16.9	0	0	0.6
15	0.0	1.5	17.0	0	0	0.6

Well	MW32	**Date**	12/02/2026	**Time**	7:45am	**Sampled By**	DPB
Barometric Pressure		948					
Relative Pressure		0.15					
Flow (L/hr)		0.0					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.3	8.8	0	0	4.9
1	0.0	0.2	8.4	0	0	6.8
2	0.0	0.2	8.3	0	0	6.8
3	0.0	0.3	8.5	0	0	6.7
4	0.0	0.4	8.8	0	0	6.7
5	0.0	0.5	9.0	0	0	6.7
6	0.0	0.5	9.1	0	0	6.6
7	0.0	0.5	9.2	0	0	6.5
8	0.0	0.5	9.2	0	0	6.5
9	0.0	0.5	9.3	0	0	6.4
10	0.0	0.5	9.3	0	0	6.4
15	0.0	0.5	9.4	0	0	6.4

Well	MW33	**Date**	12/02/2026	**Time**	4:30pm	**Sampled By**	DPB
Barometric Pressure		942					
Relative Pressure		0.15					
Flow (L/hr)		0.0					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	26.6	22.9	3.0	0	0	0.6
1	27.1	24.1	2.1	0	0	0.6
2	29.9	27.4	0.4	0	0	0.8
3	32.3	28.6	0.2	0	0	0.8
4	32.4	28.7	0.0	0	0	0.8
5	31.7	28.2	0.0	2	3	1.4
6	31.7	28.1	0.0	2	3	1.5
7	31.7	28.2	0.0	3	3	1.6
8	31.7	28.2	0.0	3	3	1.6
9	31.9	28.3	0.0	4	3	1.6
10	31.9	28.3	0.0	4	3	1.6
15	31.9	28.3	0.0	4	3	1.6

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Well	MW34	**Date**	12/02/2026	**Time**	3:45pm	**Sampled By**	DPB
Barometric Pressure		943					
Relative Pressure		0.21					
Flow (L/hr)		0.0					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	6.3	8.8	12.4	0	0	2.8
1	13.6	18.1	1.0	0	5	1.7
2	16.4	19.6	0.2	7	3	1.5
3	16.6	19.7	0.0	6	3	1.6
4	16.6	19.8	0.0	6	3	1.6
5	16.7	19.9	0.0	7	3	1.6
6	16.8	19.9	0.0	7	3	1.6
7	16.7	20.0	0.0	7	3	1.6
8	16.8	19.9	0.0	8	3	1.6
9	16.8	20.0	0.0	8	3	1.6
10	16.8	20.0	0.0	8	3	1.6
15	16.9	20.0	0.0	8	3	1.6

Well	Women's Toilet	**Date**	13/02/2026	**Time**	9:00am	**Sampled By**	DPB
Barometric Pressure		-					
Relative Pressure		-					
Flow (L/hr)		-					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.0	21.4	0	0	0.0

Well	Men's Toilet	**Date**	13/02/2026	**Time**	9:00am	**Sampled By**	DPB
Barometric Pressure		-					
Relative Pressure		-					
Flow (L/hr)		-					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.0	21.4	0	0	0.0

Well	Tip shop Toilet	**Date**	13/02/2026	**Time**	9:00am	**Sampled By**	DPB
Barometric Pressure		-					
Relative Pressure		-					
Flow (L/hr)		-					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.0	21.3	0	0	0.0

Well	Weighbridge	**Date**	13/02/2026	**Time**	9:00am	**Sampled By**	DPB
Barometric Pressure		-					
Relative Pressure		-					
Flow (L/hr)		-					

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.0	20.9	0	0	0.0

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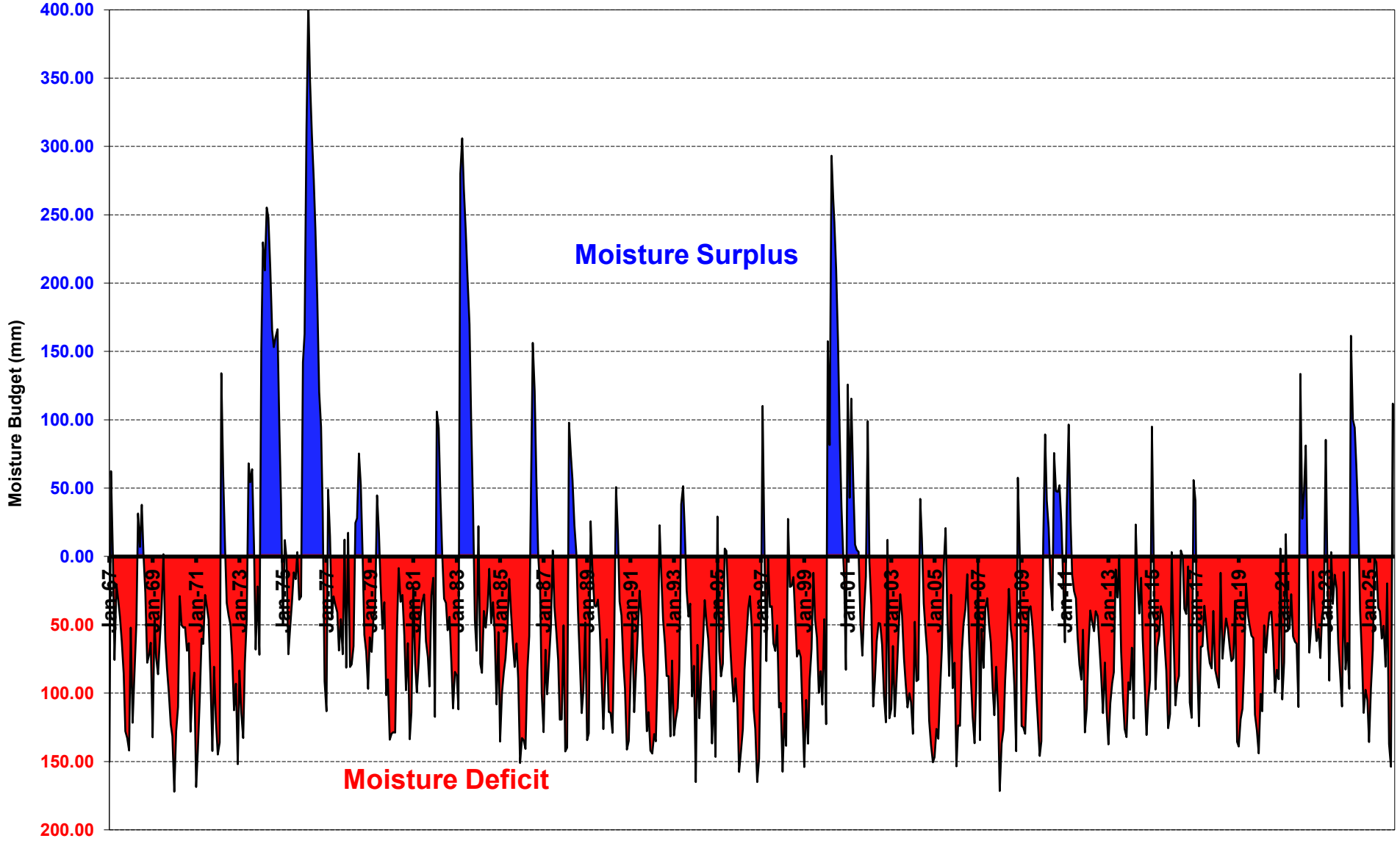
Well	Outside Toilet	**Date**	13/02/2026	**Time**	9:00am	**Sampled By**	DPB
Barometric Pressure	-						
Relative Pressure	-						
Flow (L/hr)	-						

Time Pumping (minutes)	CH_4 (%)	CO_2 (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	PID (ppm)
0	0.0	0.0	21.2	0	0	0.0

APPENDIX C
MOISTURE AND METHANE CHARTS

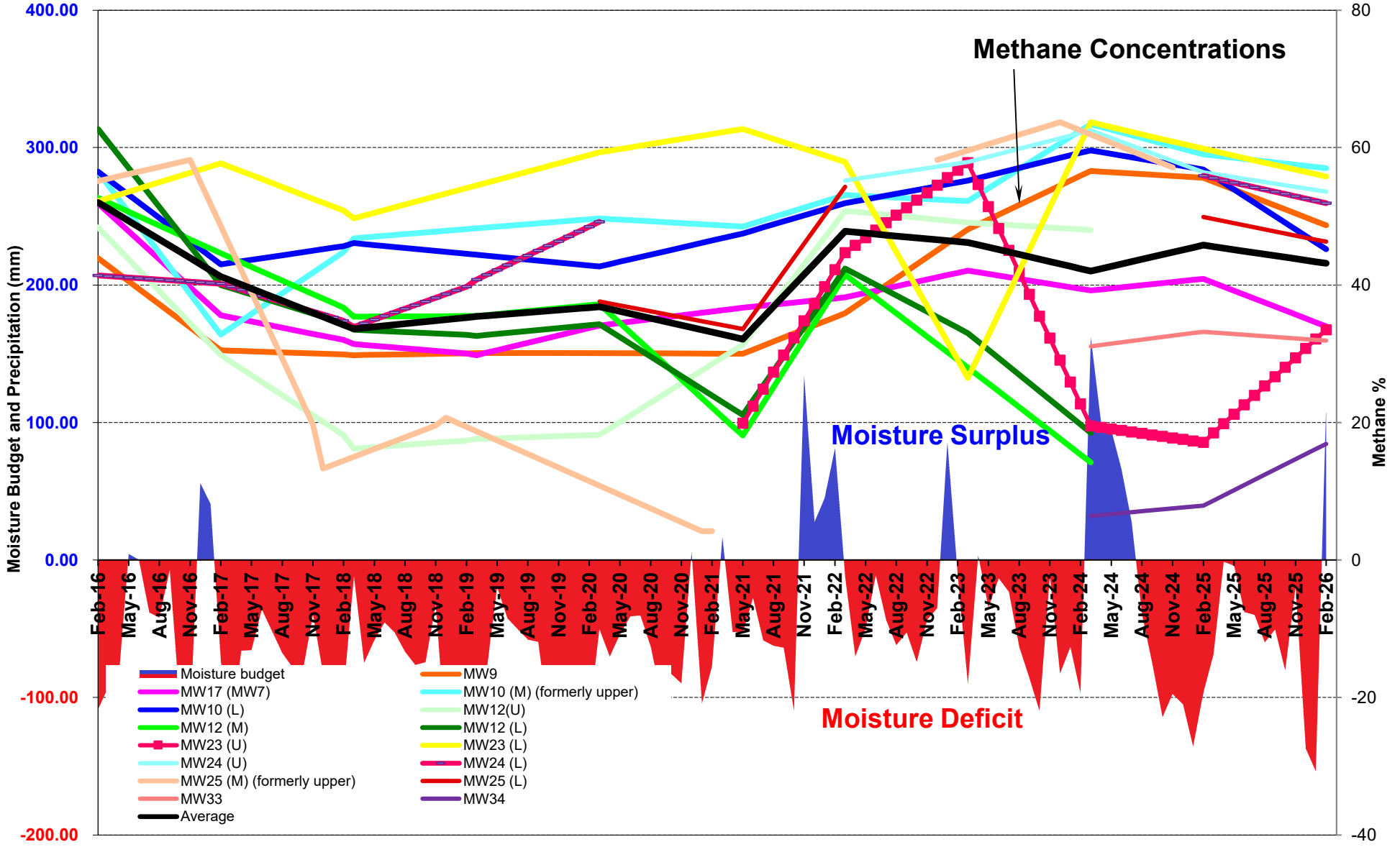
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Moisture Budget Vs Methane



APPENDIX D
GROUNDWATER GAUGING AND PURGING RECORDS

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Groundwater Gauging Summary

Well No	Date	Easting	Northing	Well depth (m)	Depth to Water (m)	Well Elevation (mAHD)	Reduced Water Level (mAHD)	Metres of water in well (m)	Volume of water removed (L)
MW1	9/02/2026	383708.00	7374933.91	25.5	6.72	565.96	559.25	18.79	80
MW2	9/02/2026	383018.55	7374708.89	12.0	4.40	565.41	561.01	7.60	70
MW3	9/02/2026	382798.48	7375450.47	37.0	20.68	579.93	559.25	16.32	90
MW4A	9/02/2026	383336.05	7374783.03	8.0	3.08	565.03	561.96	4.93	80
MW5A	9/02/2026	382849.41	7375035.67	18.0	11.88	571.00	559.12	6.12	70
MW6A	9/02/2026	383359.25	7375110.91	28.6	25.29	584.39	559.10	3.27	80
MW7A	9/02/2026	383635.79	7375085.79	14.5	9.93	569.08	559.15	4.57	90
MW81	9/02/2026	382466.10	7374655.84	30.1	7.90	567.04	559.14	22.18	80
MW82	9/02/2026	382680.92	7375090.16	18.3	13.24	572.24	559.01	5.07	80
MW83	9/02/2026	382798.51	7375221.73	39.5	15.48	574.50	559.02	24.02	80
MW84	9/02/2026	383144.10	7375393.93	28.4	20.43	579.50	559.07	7.97	80
MW85	9/02/2026	383316.16	7375306.52	23.4	14.92	573.94	559.02	8.48	80
MW86	9/02/2026	383389.55	7375161.61	36.2	21.22	580.36	559.14	14.99	80
MW87	9/02/2026	383248.08	7374836.72	15.8	14.28	-	-	1.52	80

Purging of water from well continued until temperature, DO, conductivity, pH and redox parameters are stabilised

*well ran dry prior to stablisation

ASTC Regional Waste Management Facility
Environmental Performance Groundwater Levels
Monitoring Report - February 2026 2016-2026

	Date	Bore and Elevation (m AHD)													
		MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A	MW81	MW82	MW83	MW84	MW85	MW86	MW87
		565.96	565.41	579.93	565.03	571.05 571.00	577.13 582.31 584.39	569.08	567.04	572.24	574.50	579.50	573.94	580.36	-
Depth to Water	Feb 16	6.23	3.75	20.17	3.18	11.28	22.37	9.34	7.24	-	-	-	-	-	-
	Aug 16	6.19	3.48	20.17	2.82	11.26	22.34	9.31	7.47	-	-	-	-	-	-
	Feb 17	5.57	3.27	19.77	2.62	10.72	21.77	8.71	7.48	-	-	-	-	-	-
	Mar 18	6.73	4.38	20.61	3.57	11.79	22.90	9.87	7.80	-	-	-	-	-	-
	Mar 19	7.27	5.01	21.33	3.63	12.49	23.58	10.55	8.39	-	-	-	-	-	-
	Mar 20	8.19	5.53	22.12	3.50	13.27	23.81	11.34	8.90	14.61	16.88	21.87	16.33	22.62	-
	May 21	7.96	4.63	22.16	3.29	13.08	23.61	11.12	9.28	14.44	16.70	21.77	16.12	22.42	-
	Mar 22	5.89	1.93	20.29	1.99	11.32	21.81	9.31	9.09	12.70	14.94	20.31	14.33	20.62	-
	Mar 23	6.44	2.95	20.60	2.76	11.55	25.95	9.58	7.82	12.30	15.15	20.25	14.58	20.87	-
	Mar 24	7.18	4.47	21.05	3.31	12.28	25.75	10.34	7.92	13.61	15.87	20.83	15.33	21.63	-
	Feb 25	6.57	4.18	20.44	3.22	11.70	25.11	9.75	7.21	13.05	15.31	20.21	14.74	21.03	14.21
	Feb 26	6.72	4.40	20.68	3.08	11.88	25.29	9.93	7.90	13.24	15.48	20.43	14.92	21.22	14.28
Reduced Water Level	Feb 16	559.73	561.67	559.76	561.85	559.73	559.94	559.75	559.80	-	-	-	-	-	-
	Aug 16	559.78	561.93	559.77	562.21	559.74	559.97	559.77	559.57	-	-	-	-	-	-
	Feb 17	560.40	562.14	560.17	562.41	560.29	560.54	560.37	559.56	-	-	-	-	-	-
	Mar 18	559.23	561.03	559.33	561.46	559.21	559.41	559.21	559.23	-	-	-	-	-	-
	Mar 19	558.69	560.40	558.61	561.40	558.51	558.73	558.53	558.65	-	-	-	-	-	-
	Mar 20	557.78	559.88	557.81	561.53	557.73	558.50	557.74	558.14	557.64	557.62	557.63	557.61	557.74	-
	May 21	558.00	560.78	557.78	561.74	557.92	558.70	557.96	557.76	557.81	557.81	557.73	557.82	557.94	-
	Mar 22	560.07	563.48	559.64	563.05	559.68	560.49	559.77	557.95	559.54	559.56	559.19	559.61	559.74	-
	Mar 23	559.52	562.46	559.33	562.27	559.45	558.44	559.50	559.21	559.94	559.35	559.25	559.36	559.48	-
	Mar 24	558.78	560.94	558.88	561.72	558.73	558.63	558.74	559.12	558.63	558.63	558.67	558.61	558.73	-
	Feb 25	559.39	561.23	559.50	561.81	559.30	559.28	559.33	559.82	559.20	559.19	559.29	559.20	559.32	-
	Feb 26	559.25	561.01	559.25	561.96	559.12	559.10	559.15	559.14	559.01	559.02	559.07	559.02	559.14	-
Water Level Change	Feb 16 to Aug 16	0.04	0.26	0.00	0.36	0.01	0.03	0.03	-0.23	-	-	-	-	-	-
	Aug 16 to Feb 17	0.62	0.21	0.40	0.20	0.55	0.57	0.59	-0.01	-	-	-	-	-	-
	Feb 17 to Mar 18	-1.16	-1.11	-0.84	-0.95	-1.08	-1.13	-1.16	-0.32	-	-	-	-	-	-
	Mar 18 to Mar 19	-0.54	-0.63	-0.72	-0.07	-0.70	-0.69	-0.68	-0.58	-	-	-	-	-	-
	Mar 19 to Mar 20	-0.91	-0.52	-0.80	0.14	-0.78	-0.23	-0.79	-0.51	-	-	-	-	-	-
	Mar 20 to May 21	0.22	0.89	-0.03	0.20	0.19	0.20	0.22	-0.38	0.17	0.18	0.10	0.21	0.20	-
	May 21 to Mar 22	2.07	2.70	1.87	1.31	1.76	1.79	1.81	0.19	1.73	1.75	1.46	1.79	1.79	-
	Mar 22 to Mar 23	-0.55	-1.02	-0.31	-0.78	-0.23	-2.06	-0.27	1.27	0.40	-0.21	0.06	-0.25	-0.25	-
	Mar 23 to Mar 24	-0.74	-1.52	-0.45	-0.54	-0.72	0.19	-0.76	-0.10	-1.31	-0.72	-0.58	-0.75	-0.75	-
	Mar 24 to Feb 25	0.61	0.29	0.61	0.09	0.58	0.64	0.59	0.70	0.57	0.56	0.63	0.59	0.59	-
	Feb 25 to Feb 26	-0.14	-0.22	-0.24	0.14	-0.18	-0.18	-0.18	-0.68	-0.19	-0.17	-0.22	-0.18	-0.18	-

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW1**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9/02/2026		
Location:	SE Corner	**Logged:**	DPB		

Depth to Groundwater:	6.715m	**Comments:**
Weather:	Cloudy & 32°C	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	2:28pm	
Finish Time:	3:15pm	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
2:29	-	0	27	5.7	4.8	5371	5570	3489	6.83	134.3	colourless, clear, no odour, no sheen
2:34	-	10	26.9	7.5	0.64	5187	5371	3370	6.55	114.7	colourless, clear, no odour, no sheen
2:39	-	20	27	9.8	0.85	5138	5328	3342	6.53	101.9	colourless, clear, no odour, no sheen
2:44	-	30	26.9	9.7	0.83	5102	5288	3319	6.53	94.6	colourless, clear, no odour, no sheen
2:49	-	40	26.8	10.5	0.88	5096	5270	3308	6.53	115.7	colourless, clear, no odour, no sheen
2:54	-	50	26.8	8.9	0.79	5087	5262	3303	6.53	115.7	colourless, clear, no odour, no sheen
2:59	-	60	26.8	10.1	0.92	5091	5263	3308	6.53	115.8	colourless, clear, no odour, no sheen
3:04	-	70	26.7	9.7	0.87	5102	5272	3316	6.53	115.7	colourless, clear, no odour, no sheen
3:09	-	80	26.7	9.8	0.87	5103	5271	3314	6.53	112.6	colourless, clear, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW2XY**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9/02/2026		
Location:	Road between ponds and landfill south	**Logged:**	DPB		

Depth to Groundwater:	4.400m	**Comments:**
Weather:	Cloudy & 30°C	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	12:22pm	
Finish Time:	1:10pm	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
1:12	-	0	26.7	2.4	0.2	8940	9253	5618	6.49	240.2	colourless, clear, no odour, no sheen
1:15	-	10	26.4	1.8	0.13	8935	9170	5805	6.49	227.3	colourless, clear, no odour, no sheen
1:19	-	20	26.3	2.6	0.2	8928	9168	5800	6.48	226.9	colourless, clear, no odour, no sheen
1:23	-	30	26.3	2.9	0.25	8920	9156	5799	6.47	225.2	colourless, clear, no odour, no sheen
1:27	-	40	26.3	3.5	0.29	8977	9136	5793	6.45	223.2	colourless, clear, no odour, no sheen
1:31	-	50	26.3	4.1	0.32	8914	9136	5794	6.45	221.2	colourless, clear, no odour, no sheen
1:35	-	60	26.3	4	0.31	8920	9140	5799	6.45	222.3	colourless, clear, no odour, no sheen
1:39	-	70	26.3	3.9	0.3	8922	9141	5801	6.45	221.8	colourless, clear, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

TERRA ENVIRONMENT

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW3**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9/02/2026		
Location:	North west corner	**Logged:**	DPB		

Depth to Groundwater: 20.680m
Weather: Raining & 18°C
Purging Method: Waterra Tube & Footvalve
Purging Equipment: Pump
Start Time: 6:42am
Finish Time: 8:10am

Comments: Pump running very slow, stopped at 45L, checked. Flow cell found to be blocked. Cleared and resumed.

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
6:45	-	0	25.2	22	1.71	1729	1736	1121	6.87	-165.8	colourless, clear, no odour, no sheen
6:55	-	10	26.2	1.8	0.14	1703	1740	1107	7.4	-234.1	colourless, clear, no odour, no sheen
7:05	-	20	25.7	1.6	0.13	1701	1723	1106	7.4	-231.3	colourless, clear, no odour, no sheen
7:15	-	30	25.4	1.7	0.13	1701	1695	1105	7.41	-229.1	colourless, clear, no odour, no sheen
7:25	-	40	24.5	2	0.17	1701	1683	1105	7.41	-229.8	colourless, clear, no odour, no sheen
7:35	-	50	26.1	2.4	0.19	1672	1709	1087	6.9	-40.3	colourless, clear, no odour, no sheen
7:40	-	60	26.1	2.6	0.26	1675	1711	1089	6.89	-18.5	colourless, clear, no odour, no sheen
7:45	-	70	26.4	2.7	0.25	1681	1725	1093	6.9	-10.3	colourless, clear, no odour, no sheen
7:50	-	80	26.4	2.4	0.21	1686	1730	1095	6.91	-5.6	colourless, clear, no odour, no sheen
7:55	-	90	26.4	2.5	0.23	1688	1731	1096	6.91	3.5	colourless, clear, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW4A**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9/02/2026		
Location:	Near front gate	**Logged:**	DPB		

Depth to Groundwater:	3.075m	**Comments:**
Weather:	Rainy & 22°C	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	7:30am	
Finish Time:	8:30am	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
7:31	-	0	25.7	9.9	0.77	7850	7875	5012	6.64	65.4	colourless, clear, no odour, no sheen
7:36	-	10	25.7	0.1	0	6554	6644	4252	6.65	60.7	colourless, clear, no odour, no sheen
7:41	-	20	25.7	0.7	0.06	6384	6469	4152	6.65	61.5	colourless, clear, no odour, no sheen
7:46	-	30	25.8	1.1	0.08	6300	6387	4091	6.65	59.4	colourless, clear, no odour, no sheen
7:51	-	40	25.8	1.3	0.11	6270	6356	4075	6.64	64.7	colourless, clear, no odour, no sheen
7:56	-	50	25.7	1.4	0.12	6249	6334	4061	6.64	130.9	colourless, clear, no odour, no sheen
8:01	-	60	25.8	1.5	0.13	6237	6329	4055	6.61	153.6	colourless, clear, no odour, no sheen
8:06	-	70	25.8	1.7	0.16	6241	6331	4057	6.6	158.7	colourless, clear, no odour, no sheen
8:11	-	80	25.8	1.8	0.17	6243	6332	4059	6.6	160.5	colourless, clear, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW5A**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	10/02/2026		
Location:	West side amongst recycling	**Logged:**	DPB		

Depth to Groundwater:	11.881m	**Comments:**
Weather:	Raining & 30°C	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	2:30pm	
Finish Time:	3:30pm	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
2:32	-	0	25.8	29.2	2.89	6338	6437	4113	6.59	131.1	colourless, clear, no odour, no sheen
2:38	-	10	25.9	29.6	2.91	6329	6433	4102	6.56	131.6	colourless, clear, no odour, no sheen
2:44	-	20	26.1	25	1.97	6260	6382	4056	6.56	93.8	colourless, clear, no odour, no sheen
2:50	-	30	26.2	20.5	1.67	6231	6357	4043	6.56	96.7	colourless, clear, no odour, no sheen
2:56	-	40	26.3	19	1.5	6180	6322	4031	6.56	169.7	colourless, clear, no odour, no sheen
3:02	-	50	26.4	18.5	1.42	6185	6347	4022	6.57	182.5	colourless, clear, no odour, no sheen
3:08	-	60	26.4	17.2	1.39	6186	6336	4019	6.57	183	colourless, clear, no odour, no sheen
3:14	-	70	26.4	17.5	1.41	6185	6332	4019	6.57	183.7	colourless, clear, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW6A**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	10/02/2026		
Location:	In fill	**Logged:**	DPB		

Depth to Groundwater:	25.292m
Weather:	Partly cloudy & 30°C
Purging Method:	Waterra Tube & Footvalve
Purging Equipment:	Pump
Start Time:	12:07pm
Finish Time:	1:15pm

Comments: Pump close to bottom of well as typically runs dry. Water while light grey does not have much odour. Odour is possibly a very feint rotten character. Foot valve blocked at 65L, stopped and restarted.

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
12:09	-	0	29.2	60.4	4.45	4547	4927	2956	6.66	68.7	light grey, clear, feint rotten odour, no sheen
12:15	-	10	29.2	51.8	4.25	4305	4653	2800	6.61	-60.1	light grey, clear, feint rotten odour, no sheen
12:21	-	20	29.2	36	2.74	4271	4613	2774	6.58	-55	light grey, clear, feint rotten odour, no sheen
12:27	-	30	29.2	14.6	1.11	4249	4600	2758	6.55	-36.6	light grey, clear, feint rotten odour, no sheen
12:33	-	40	29.2	13.3	1	4249	4604	2761	6.55	-34.7	light grey, clear, feint rotten odour, no sheen
12:39	-	50	29.4	12.1	0.91	4253	4582	2765	6.54	-26.2	light grey, clear, feint rotten odour, no sheen
12:45	-	60	29.2	11.2	0.8	4273	4612	2777	6.51	-2.1	light grey, clear, feint rotten odour, no sheen
12:51	-	70	29.3	11.8	0.85	4278	4614	2778	6.51	-0.2	light grey, clear, feint rotten odour, no sheen
12:57	-	80	29.3	12	0.88	4278	4615	2781	6.51	2.8	light grey, clear, feint rotten odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW7A**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9/02/2026		
Location:	North east corner	**Logged:**	DPB		

Depth to Groundwater:	9.933m
Weather:	Cloudy & 30°C
Purging Method:	Waterra Tube & Footvalve
Purging Equipment:	Pump
Start Time:	3:34pm
Finish Time:	4:45pm

Comments: Pump initially 30cm off bottom but due to repairs to tube and it being LDPE was flexing and not pumping well. Moved to below repairs (75cm off bottom) and worked better.
LPDE tubing in well. Pump cant pump fast due to stretch. Need to change over to HDPE.

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
3:36	-	0	27.5	8.3	0.8	4407	4623	2865	6.75	-5.2	grey, cloudy, no odour, no sheen
3:48	-	10	27.1	5.2	0.49	4353	4529	2828	6.67	-7.2	slightly cream, slightly cloudy, no odour, no sheen
3:53	-	20	27.1	4.8	0.45	4346	4512	2821	6.67	-2.3	slightly cream, slightly cloudy, no odour, no sheen
3:58	-	30	27.1	4.8	0.46	4331	4502	2813	6.66	5.3	slightly cream, slightly cloudy, no odour, no sheen
4:03	-	40	27.1	5.1	0.5	4333	4514	2817	6.65	10.6	slightly cream, slightly cloudy, no odour, no sheen
4:09	-	50	27.2	5	0.48	4337	4517	2822	6.66	48.5	slightly cream, slightly cloudy, no odour, no sheen
4:15	-	60	27.2	5	0.48	4339	4525	2824	6.66	65.7	slightly cream, slightly cloudy, no odour, no sheen
4:21	-	70	27.2	5	0.49	4348	4550	2830	6.64	67.1	slightly cream, slightly cloudy, no odour, no sheen
4:27	-	80	27.2	5.2	0.51	4356	4558	2834	6.64	61.5	slightly cream, slightly cloudy, no odour, no sheen
4:33	-	90	27.2	5.1	0.51	4357	4560	2835	6.64	59.6	slightly cream, slightly cloudy, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW81**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	11/02/2026		
Location:	Western well	**Logged:**	DPB		

Depth to Groundwater:	7.897m	**Comments:**
Weather:	Overcast & 31℃	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	10:51am	
Finish Time:	11:45am	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
10:53	-	0	26.8	10.4	0.81	7242	7515	4722	6.82	272.5	colourless, clear, no odour, no sheen
10:58	-	10	27	12.5	0.68	7312	7588	4750	6.72	37.8	light cream, slightly cloudy, no odour, no sheen
11:03	-	20	27	7.2	0.58	7309	7589	4747	6.57	79.2	light cream, slightly cloudy, no odour, no sheen
11:08	-	30	27.1	6.1	0.48	7316	7601	4757	6.54	103.6	colourless, slightly cloudy, no odour, no sheen
11:13	-	40	27.1	5.8	0.45	7314	7623	4760	6.73	146.8	colourless, slightly cloudy, no odour, no sheen
11:18	-	50	27.1	5.6	0.44	7328	7709	4758	6.73	140.7	colourless, slightly cloudy, no odour, no sheen
11:23	-	60	27.1	5.5	0.44	7327	7712	4761	6.73	138.3	colourless, slightly cloudy, no odour, no sheen
11:28	-	70	27.1	5.4	0.43	7330	7715	4762	6.73	142.5	colourless, slightly cloudy, no odour, no sheen
11:33	-	80	27.1	5.5	0.43	7328	7714	4762	6.73	145.3	colourless, slightly cloudy, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

TERRA ENVIRONMENT

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW82**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	10/02/2026		
Location:	West boundary west of MW5	**Logged:**	DPB		

Depth to Groundwater:	13.235m	**Comments:**
Weather:	Rain & 28℃	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	3:38pm	
Finish Time:	4:30pm	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
3:40	-	0	26.3	19.8	1.64	5422	5560	3540	6.59	153.2	colourless, very slightly cloudy, no odour, no sheen
3:45	-	10	26.3	28.7	2.34	5397	5521	3511	6.58	186.6	colourless, very slightly cloudy, no odour, no sheen
3:50	-	20	26.3	28.2	2.3	5394	5519	3506	6.58	192.3	colourless, very slightly cloudy, no odour, no sheen
3:55	-	30	26.3	27.2	2.21	5335	5472	3480	6.55	182.4	colourless, very slightly cloudy, no odour, no sheen
4:00	-	40	26.3	26.4	2.14	5343	5482	3478	6.56	195.6	colourless, very slightly cloudy, no odour, no sheen
4:05	-	50	26.3	27.3	2.23	5345	5463	3462	6.55	206.1	colourless, very slightly cloudy, no odour, no sheen
4:10	-	60	26.3	27.1	2.19	5322	5444	3456	6.55	212.4	colourless, very slightly cloudy, no odour, no sheen
4:15	-	70	26.3	27.4	2.23	5321	5449	3460	6.55	215.9	colourless, very slightly cloudy, no odour, no sheen
4:20	-	80	26.3	27.2	2.21	5328	5452	3463	6.55	214.7	colourless, very slightly cloudy, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW83**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	11/02/2026		
Location:	In rows of mulch	**Logged:**	DPB		

Depth to Groundwater:	15.483m	**Comments:**
Weather:	Cloudy & 25℃	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	7:32am	
Finish Time:	8:30am	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
7:33	-	0	26.1	31.7	2.33	5537	5684	3605	6.68	272.4	colourless, slightly cloudy, no odour, no sheen
7:39	-	10	26	1	0.07	5007	5096	3249	6.75	142.8	slightly tan, slightly cloudy, no odour, no sheen
7:45	-	20	26.1	2.8	0.23	4557	4658	2962	6.7	170.8	slightly tan, slightly cloudy, no odour, no sheen
7:51	-	30	26.1	6.5	0.53	4556	4653	2966	6.64	172	slightly tan, slightly cloudy, no odour, no sheen
7:57	-	40	26.1	6.1	0.5	4552	4648	2957	6.63	172.6	slightly tan, slightly cloudy, no odour, no sheen
8:03	-	50	26.2	6	0.49	4541	4644	2950	6.63	187.6	slightly tan, slightly cloudy, no odour, no sheen
8:09	-	60	26.2	6.7	0.55	4535	4641	2946	6.62	212	slightly tan, slightly cloudy, no odour, no sheen
8:15	-	70	26.2	6.6	0.55	4527	4635	2940	6.63	208.7	slightly tan, slightly cloudy, no odour, no sheen
8:21	-	80	26.2	6	0.5	4525	4634	2940	6.63	217.5	slightly tan, slightly cloudy, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW84**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	10/02/2026		
Location:	1st east of MW3	**Logged:**	DPB		

Depth to Groundwater:	20.428m	**Comments:**
Weather:	Cloudy & 24℃	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	8:23am	
Finish Time:	9:15am	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
8:26	-	0	26	12.3	1.07	2645	2697	1718	6.49	25.7	colourless, slightly cloudy, no odour, no sheen
8:31	-	10	26	4.2	0.3	2646	2692	1720	6.49	24.7	colourless, slightly cloudy, no odour, no sheen
8:36	-	20	26	3.9	0.25	2645	2694	1718	6.47	25.1	colourless, slightly cloudy, no odour, no sheen
8:41	-	30	26.1	10.7	0.96	2641	2696	1718	6.48	24	colourless, slightly cloudy, no odour, no sheen
8:46	-	40	26	28.5	2.31	2642	2695	1718	6.51	22.6	colourless, slightly cloudy, no odour, no sheen
8:51	-	50	26.1	33.7	3.11	2640	2697	1715	6.51	23.1	colourless, slightly cloudy, no odour, no sheen
8:56	-	60	26	33.2	3.01	2642	2696	1715	6.5	26.2	colourless, slightly cloudy, no odour, no sheen
9:01	-	70	26	34.6	3.21	2641	2696	1716	6.5	26.4	colourless, slightly cloudy, no odour, no sheen
9:06	-	80	26	34.4	3.2	2641	2695	1715	6.5	28.3	colourless, slightly cloudy, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW85**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	11/02/2026		
Location:	Fence east side	**Logged:**	DPB		

Depth to Groundwater:	14.921m	**Comments:**	Because of difficulty getting to this location due to flooding, field parameters measured every 20L.
Weather:	Overcast & 33℃		
Purging Method:	Waterra Tube & Footvalve		
Purging Equipment:	Pump		
Start Time:	12:18pm		
Finish Time:	1:15pm		

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
12:20	-	0	28.1	53.9	4.17	2674	2834	1738	7.16	156.1	colourless, clear, no odour, no sheen
12:32	-	20	26.8	4.4	0.39	3101	3202	2010	6.66	192.7	colourless, clear, no odour, no sheen
12:44	-	40	26.9	11.3	0.91	2916	3023	1897	6.65	200.5	colourless, clear, no odour, no sheen
12:56	-	60	26.8	16.2	1.76	2815	2915	1831	6.67	172.1	colourless, clear, no odour, no sheen
1:08	-	80	26.8	18.1	1.4	2805	2914	1828	6.67	186.3	colourless, clear, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW86**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	11/02/2026		
Location:	North of MW6A	**Logged:**	DPB		

Depth to Groundwater:	21.215m	**Comments:**
Weather:	Overcast & 33℃	
Purging Method:	Waterra Tube & Footvalve	
Purging Equipment:	Pump	
Start Time:	1:24pm	
Finish Time:	2:20pm	

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
1:25	-	0	27.4	13.9	10.8	4228	4418	2741	6.64	146.6	tan, cloudy, no odour, no sheen
1:31	-	10	27.3	13	1.04	4018	4185	2614	6.58	154	tan, cloudy, no odour, no sheen
1:36	-	20	27.3	15.1	1.18	3998	4180	2605	6.61	177.8	tan, cloudy, no odour, no sheen
1:42	-	30	27.4	17.2	1.37	4003	4178	2599	6.6	227.2	tan, cloudy, no odour, no sheen
1:48	-	40	27.3	20.2	1.64	3987	4156	2591	6.6	227	tan, cloudy, no odour, no sheen
1:54	-	50	27.2	19	1.48	3976	4130	2586	6.62	201.8	tan, cloudy, no odour, no sheen
2:00	-	60	27.3	18.7	1.45	3972	4130	2583	6.6	170.9	tan, cloudy, no odour, no sheen
2:06	-	70	27.3	17.9	1.41	3970	4129	2584	6.6	160.4	tan, cloudy, no odour, no sheen
2:12	-	80	27.3	17.7	1.28	3972	4130	2584	6.6	154.3	tan, cloudy, no odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**MW87**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9/02/2026		
Location:	West of access ramp in fill	**Logged:**	DPB		

Depth to Groundwater:	14.277m	**Comments:**	Pump 30cm off bottom, fast pump rate, good flow.
Weather:	Cloudy & 25℃		Odour not easily placed as feint possibly slightly rotten.
Purging Method:	Waterra Tube & Footvalve		
Purging Equipment:	Pump		
Start Time:	8:40am		
Finish Time:	9:30am		

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
10:57	-	0	30.2	5	0.36	7558	8327	4930	6.4	-43.5	colourless, slightly cloudy, feint rotten odour, no sheen
11:02	-	10	30	1.6	0.12	7586	8302	4929	6.44	-52	colourless, slightly cloudy, feint rotten odour, no sheen
11:07	-	20	30	2.5	0.2	7580	8313	4923	6.45	-23.8	colourless, slightly cloudy, feint rotten odour, no sheen
11:12	-	30	30	3.2	0.25	7582	8307	4925	6.45	-14.4	colourless, clear, feint rotten odour, no sheen
11:17	-	40	30.1	3.6	0.27	7588	8323	4933	6.45	-10.2	colourless, clear, feint rotten odour, no sheen
11:22	-	50	30.1	4.1	0.32	7587	8336	4932	6.45	-3.7	colourless, clear, feint rotten odour, no sheen
11:27	-	60	30.1	4.2	0.33	7587	8325	4930	6.45	-37.2	colourless, clear, feint rotten odour, no sheen
11:32	-	70	30.1	4.2	0.34	7585	8324	4929	6.45	-43.9	colourless, clear, feint rotten odour, no sheen
11:38	-	80	30.1	4.3	0.34	7588	8325	4931	6.45	-44.1	colourless, clear, feint rotten odour, no sheen
Sampled											

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

Groundwater Purging Record Sheet

Client:	Alice Springs Town Council	**Job no:**	AAQ 06 023.30	**Well No.**	**SW2,3,4,5**
Project:	ASTC Landfill Monitoring - February 2026	**Date:**	9-11/02/2026		
Location:	Stormwater Ponds	**Logged:**	DPB		

Depth to Groundwater:	-	**Comments:**	
Weather:	-		
Purging Method:	-		
Purging Equipment:	-		
Start Time:	-		
Finish Time:	-		

Time	Depth (m)	Purged (L)	Temp (˚C)	DO (%)	DO (mg/L)	SPC (µs/cm)	Cond (µs/cm)	TDS (ppm)	pH	Redox (mV)	Appearance (colour, turbidity, odour, sheen)
SW2	-	-	27	38.8	2.57	428.2	444.5	278.5	7.83	-31.6	tan, cloudy, no odour, no sheen
SW3	-	-	27.6	63.2	5.43	165.2	169.3	102.4	7.46	143.2	tan, cloudy, no odour, no sheen
SW4	-	-	25.3	22.6	2.03	437	439.2	283.1	7.86	199.7	tan, cloudy, no odour, no sheen
SW5	-	-	27.4	49.3	3.9	149.7	156.6	97.3	7.5	162.5	tan, cloudy, no odour, no sheen

Purging should continue until measurements for pH are within 0.05 pH unit; conductivity within 3%; DO within 10%; Redox within 10mV and Temperature within 0.5 ˚C over three successive measurements

APPENDIX E
RESULTS TABLES

ASTC Regional Waste Management Facility
Environmental Performance Monitoring Report - February 2026

Groundwater
Sample Results

| | | |

		Organochlorine Pesticides																				PAH																		BTEX						MAH
		4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Benzo[b+j]fluoranthene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Pyrene	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	Total MAH
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL		5	5	5	0.1	5	5	5	5	0.1	5	5	5	5	5	5	5	5	5	5	5	5	0.001	1	1	5	1	1	1	1	1	1	1	1	1	1	0.001	1	1	1	1	1	1	2	1	3	0.003
ADWG Health & Aesthetic					**0.3**				**9**									**10**	**0.3**											**0.01**											**1**	**3**	**25**			**20**	
ANZG Freshwater 95%									**0.01**						**0.02**			**0.2**	**0.09**																		**0.016**				**950**				**350**		
ANZECC Livestock																																															
Location	**Sample Date**																																															
MW1	9/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<2	<1	<3	<0.003
MW2	9/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<2	<1	<3	<0.003
MW3	10/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<1	<1	-	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	-	-	-	-	-	-	-
MW4A	9/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<2	<1	<3	<0.003
MW5A	10/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<2	<1	<3	<0.003
MW6A	10/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	1	<2	<1	<3	<0.003
MW7A	9/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<1	<1	-	<1	<1	**<1**	**6**	<1	<1	<1	<1	<1	<1	<0.001	**6**	<1	<1	-	-	-	-	-	-	-
MW81	11/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<1	<1	-	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	-	-	-	-	-	-	-
MW82	10/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<2	<1	<3	<0.003
MW83	11/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	1	<2	<1	<3	<0.003
MW84	10/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<1	<1	-	<1	<1	**<1**	**4**	<1	<1	<1	<1	<1	<1	<0.001	**4**	<1	<1	-	-	-	-	-	-	-
MW85	11/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<1	<1	-	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	-	-	-	-	-	-	-
MW86	11/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	2	<2	<1	<3	<0.003
MW87	9/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	<1	<2	<1	<3	<0.003

	Phenols (non-Halogenated)								Phenols (Halogenated)								Polychlorinated Biphenyls								TRH											
	2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-nitrophenol	Phenol	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	4-chloro-3-methylphenol	Pentachlorophenol	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	C6-C10	C6-C10 less BTEX (F1)	C10-C16	C10-C16 less NAPHTHALENE (F2)	C16-C34	C34-C40	C10 - C40 (Sum of total)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)
	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	3	0.03	3	10	6	30	30	3	10	10	10	3	3	3	10	10	5	5	5	5	5	5	5	5	0.02	0.02	0.05	0.05	0.1	0.1	0.1	0.02	0.05	0.1	0.1	0.1
ADWG Health & Aesthetic											**2**	**0.3**		**0.1**		**10**																				
ANZG Freshwater 95%		**0.045**						**320**	**20**		**20**	**160**		**490**		**10**				**0.6**		**0.03**														
ANZECC Livestock																																				
Location	**Sample Date**																																			
MW1	9/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW2	9/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW3	10/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	**<5**	<5	**<5**	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-
MW4A	9/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW5A	10/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW6A	10/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW7A	9/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	**<5**	<5	**<5**	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-
MW81	11/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	**<5**	<5	**<5**	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-
MW82	10/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW83	11/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW84	10/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	**<5**	<5	**<5**	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-
MW85	11/02/2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	**<5**	<5	**<5**	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-
MW86	11/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
MW87	9/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	**0.1**	**0.1**	**1.3**	<0.1	**1.4**	<0.02	<0.05	**1.2**	**0.2**	**1.425**

| | | VOCs | | |

| | | SVOCs | | |

Surface Water
Sample Results

| | | Inorganics | | | | | | | | | | | | | | | | | Metals | | | | | | | | | | | | | | | | |

		MAH	Phenols (non-Halogenated)								Phenols (Halogenated)							
		Total MAH	2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-nitrophenol	Phenol	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	4-chloro-3-methylphenol	Pentachlorophenol
		mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		0.003	3	0.03	3	10	6	30	30	3	10	10	10	3	3	3	10	10
ADWG Health & Aesthetic													**2**	**0.3**		**0.1**		**10**
ANZG Freshwater 95%				**0.045**						**320**	**20**		**20**	**160**		**490**		**10**
ANZECC Livestock																		
Location	**Sample Date**																	
SW2	9/02/2026	<0.003	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10
SW3	10/02/2026	<0.003	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10
SW4	11/02/2026	<0.003	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10
SW5	10/02/2026	<0.003	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10

		Polychlorinated Biphenyls								TRH										
		Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	C6-C10	C6-C10 less BTEX (F1)	C10-C16	C10-C16 less NAPHTHALENE (F2)	C16-C34	C34-C40	C10 - C40 (Sum of total)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL		5	5	5	5	5	5	5	5	0.02	0.02	0.05	0.05	0.1	0.1	0.1	0.02	0.05	0.1	0.1	0.1
ADWG Health & Aesthetic																					
ANZG Freshwater 95%					**0.6**		**0.03**														
ANZECC Livestock																					
Location	**Sample Date**																				
SW2	9/02/2026	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
SW3	10/02/2026	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
SW4	11/02/2026	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1
SW5	10/02/2026	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1

| | | VOCs | | | | | | | | | | | | | | | | | | |

| | | SVOCs | | |

Leachate
Sample Results

		Inorganics																Metals																									
		Turbidity	Alkalinity (Bicarbonate as CaCO3)	Carbonate as CaCO3	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Ammonia as N	Ammonia as NH3 (calculated)	BOD	Chloride	COD	Ferrous Iron	Kjeldahl Nitrogen Total	Nitrogen (Organic)	Sodium	Sulphate	TOC	Hardness as CaCO3	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium	Chromium (hexavalent) (Filtered)	Chromium (III+VI) (Filtered)	Chromium (Trivalent) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Ferric Iron	Iron (Filtered)	Lead (Filtered)	Magnesium	Manganese (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Potassium	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)
		NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL		1	20	10	20	20	0.01		5	1	25	0.05	0.2	0.2	0.5	5	5	5	0.001	0.02	0.001	0.05	0.0002	0.5	0.005	0.001	0.005	0.001	0.001	0.05	0.05	0.001	0.5	0.005	0.0001	0.001	0.5	0.001	0.005	0.005	0.005
ADWG Health & Aesthetic		**5**						**0.5**		**250**					**180**	**250**		**200**	**0.01**	**2**	**0.06**	**4**	**0.002**		**0.05**					**1**		**0.3**	**0.01**		**0.1**	**0.001**	**0.02**		**0.01**			**3**
ANZG Freshwater 95%							**0.9**															**0.37**	**0.0002**		**0.0004**				**0.0014**			**0.0034**		**1.9**	**0.0006**	**0.011**		**0.011**			**0.008**
ANZECC Livestock																			**0.5**			**5**	**0.01**			**1**		**1**	**0.4**			**0.1**			**0.002**	**1**		**0.02**			**20**
Location	**Sample Date**																																									
MW38	11/02/2026	**2,300**	520	<10	<20	520	**23**	**27.97**	<5	**930**	3,300	9.6	85	62	**650**	**2,100**	<1,000	**2,900**	0.004	0.03	<0.001	**1**	<0.0002	640	**<0.005**	0.003	0.003	0.001	<0.001	0.4	**9.1**	<0.001	320	**0.32**	<0.0001	0.008	86	<0.001	<0.005	<0.005	**0.008**

		Organochlorine Pesticides																					PAH																						BTEX						MAH
		4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Benzo[b+j]fluoranthene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Pyrene	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	Total MAH
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL		5	5	5	0.1	5	5	5	5	0.1	5	5	5	5	5	5	5	5	5	5	5	5	0.001	1	1	5	1	1	1	1	1	1	1	1	1	0.001	1	1	1	1	1	2	1	3	0.003
ADWG Health & Aesthetic					**0.3**				**9**									**10**	**0.3**										**0.01**												**1**	**3**	**25**			**20**	
ANZG Freshwater 95%									**0.01**						**0.02**			**0.2**	**0.09**																		**0.016**				**950**				**350**		
ANZECC Livestock																																															
Location	**Sample Date**																																															
MW38	11/02/2026	<5	<5	<5	**<5**	<5	<5	<5	**<5**	<5	<5	<5	<5	<5	**<5**	<5	<5	**<5**	**<5**	<5	<5	<5	<0.001	<1	<1	<5	<1	<1	**<1**	<1	<1	<1	<1	<1	<1	<0.001	<1	<1	<1	<1	<1	1	<2	<1	<3	<0.003

		Phenols (non-Halogenated)								Phenols (Halogenated)								Polychlorinated Biphenyls								TRH																			
		2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-nitrophenol	Phenol	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	4-chloro-3-methylphenol	Pentachlorophenol	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	C6-C10	C6-C10 less BTEX (F1)	C10-C16	C10-C16 less NAPHTHALENE (F2)	C16-C34	C34-C40	C10 - C40 (Sum of total)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)
		µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL		3	0.03	3	10	6	30	30	3	10	10	10	3	3	3	10	10	5	5	5	5	5	5	5	5	0.02	0.02	0.05	0.05	0.1	0.1	0.1	0.02	0.05	0.1	0.1	0.1
ADWG Health & Aesthetic												**2**	**0.3**		**0.1**		**10**																										
ANZG Freshwater 95%			**0.045**						**320**	**20**		**20**	**160**		**490**		**10**				**0.6**		**0.03**																					
ANZECC Livestock																																											
Location	**Sample Date**																																										
MW38	11/02/2026	<3	<0.03	<3	<10	<6	<30	<30	<3	<10	<10	**<10**	**<3**	<3	**<3**	<10	<10	<5	<5	<5	**<5**	<5	**<5**	<5	<5	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	<0.1	<0.1	<0.1

VOCs

	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2,4-trimethylbenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3,5-trimethylbenzene	1,3-dichlorobenzene	1,3-dichloropropane	1,4-dichlorobenzene	Methyl Ethyl Ketone	4-chlorotoluene	4-Methyl-2-pentanone	Acetone	Allyl chloride	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Iodomethane	Isopropylbenzene	Styrene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	5	5	1	1	1	1	1	5	1	1	1	1	5	5	5	1	1	1	5	5	1	1	1	1	1	1	1	5	5
ADWG Health & Aesthetic						**30**			**1**	**1**	**3**			**20**		**0.3**										**1**		**3**	**10**									**4**			**4**		**50**				**0.3**
ANZG Freshwater 95%				**6500**						**160**				**260**		**60**																														
ANZECC Livestock																																															
Location **Sample Date**																																															
MW38 11/02/2026	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**	<5	<1	<5	<10	<1	<1	<1	<1	<1	**<5**	<1	<1	<1	<1	<5	<5	<5	<1	<1	<1	<5	**<5**	<5	<1	<1	<1	<1	<1	<5	**<5**

SVOCs

	Benzyl chloride	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	7,12-dimethylbenz(a)anthracene	3,3-Dichlorobenzidine	4-(dimethylamino) azobenzene	4-bromophenyl phenyl ether	4-chlorophenyl phenyl ether	Bis(2-chloroethoxy) methane	Bis(2-chloroisopropyl) ether	Dibenz(a,j)acridine	Dibenzofuran	N-nitrosopiperidine	Pronamide	Trifluralin	1-Chloronaphthalene	2-chloronaphthalene	2-methylnaphthalene	3-methylcholanthrene	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	1-naphthylamine	2-naphthylamine	Diphenylamine	2-nitroaniline	Aniline	2,4-Dinitrotoluene	2,6-dinitrotoluene	2,4-& 2,6-Dinitrotoluene	Nitrobenzene	1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,3,5-Trichlorobenzene	Pentachlorobenzene	2-Picoline	4-aminobiphenyl	Pentachloronitrobenzene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Vic EPA IWRG 621 CHC (Total)*	Vic EPA IWRG 621 Other CHC (Total)*
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.005	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ADWG Health & Aesthetic		**0.7**													**70**	**0.09**																										**30**	**10**							
ANZG Freshwater 95%				**360**											**70**	**0.0044**											**250**	**65**			**550**			**10**		**170**							**1000**	**3700**	**26**				
ANZECC Livestock																																																	
Location **Sample Date**																																																	
MW38 11/02/2026	<5	**<5**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<0.005**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

APPENDIX F
GROUNDWATER CONTOURS



TIERRA ENVIRONMENT

Scale (m)
0 50 100

Notes:
1. Groundwater contours generated by Surfer software with a grid generated using triangulation with linear interpolation.

2. Base aerial photo from Aerometrex dated 3 May 2025.

3. MW87 was omitted from the contours as the height of this well has not been established.

Legend

MW2 Groundwater monitoring well

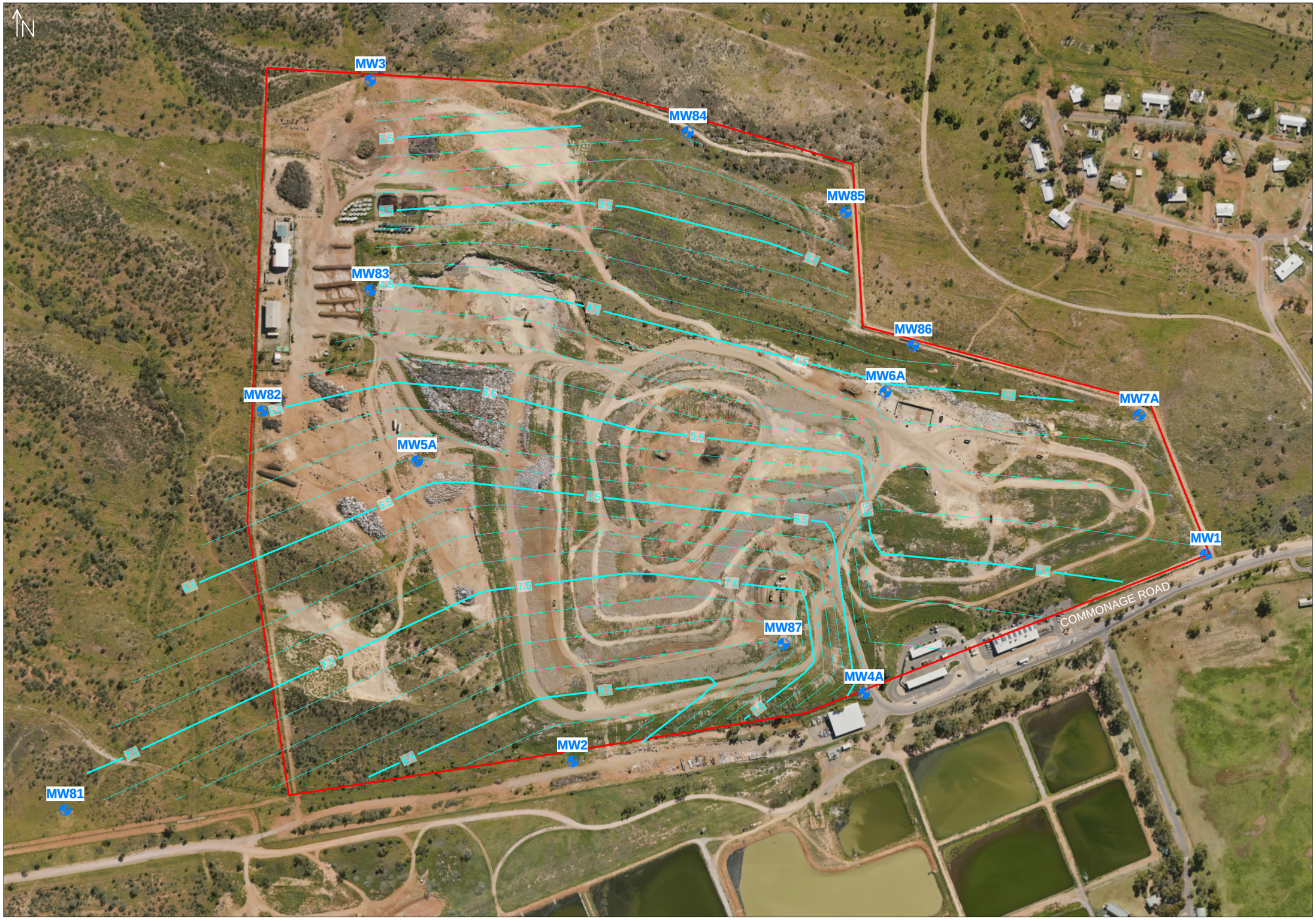
560 Groundwater level contour (m AHD)

Landfill boundary

C:\Users\LaurenHarveyTierraEn\Tierra Environment\Shared - Projects\06\AAQ 06 023\30\Surfer\Fig 6 - 2026 - RWL Contours.srf

Figure 6 - Groundwater Level Contours
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

Revision A, 27 February 2026



TIERRA ENVIRONMENT

Scale (m)
0 50 100

Notes:
1. Salinity contours generated by Surfer software with a grid generated using triangulation with linear interpolation.

2. Base aerial photo from Aerometrex dated 3 May 2025.

Legend

MW2 Groundwater monitoring well

2000 Salinity contour (mS/cm)

Landfill boundary

C:\Users\LaurenHarveyTierraEn\Tierra Environment\Shared - Projects\06\AAQ 06 023\30\Surfer\Fig 7 - 2026 - Salinity Contours.srf

Figure 7 - Groundwater Salinity Contours
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

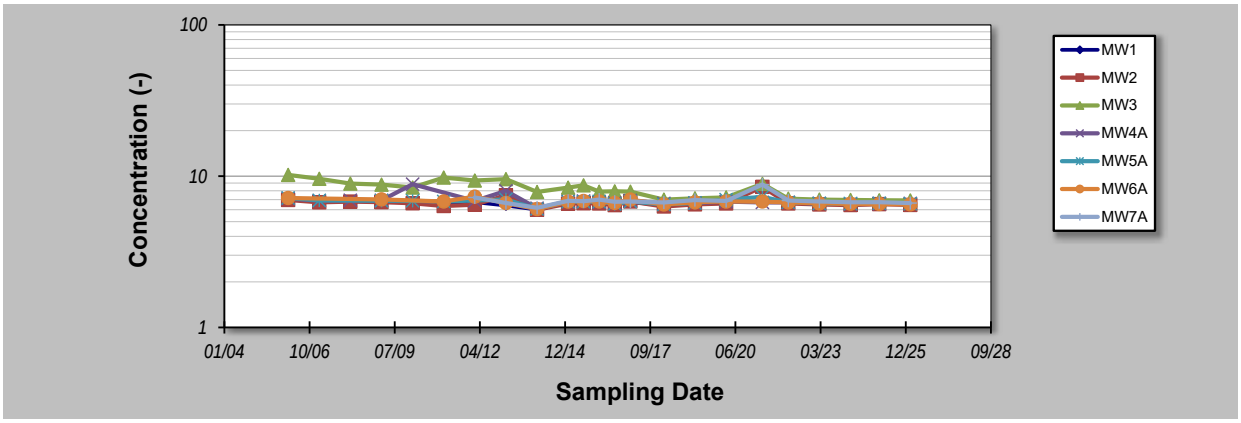
Revision A, 27 February 2026

APPENDIX G
GROUNDWATER TRENDS

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	pH
Conducted By:	LH	Concentration Units:	-

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	PH CONCENTRATION (-)					
1	Feb-06	7.07	6.96	10.19	7.11	7.18	7.17	
2	Feb-07	6.74	6.71	9.61	6.89	6.91		
3	Feb-08	6.83	6.79	8.93	6.93			
4	Feb-09	6.81	6.73	8.79	6.92	6.88	7.02	
5	Feb-10	6.84	6.62	8.41	8.85	6.87		
6	Feb-11	6.49	6.35	9.79		6.8	6.8	
7	Feb-12	6.73	6.48	9.36	6.86		7.32	7.23
8	Feb-13	6.4	7.47	9.56	7.99	7.02	6.64	6.65
9	Feb-14	6.01	5.99	7.86	6.14	6.07	6.06	6.18
10	Feb-15	6.69	6.59	8.4	6.8	6.77	6.79	6.87
11	Aug-15	6.7	6.62	8.7	6.84	6.77	6.85	6.83
12	Feb-16	6.7	6.6	7.9	6.7	6.8	6.8	7
13	Aug-16	6.58	6.43	7.94	6.64	6.54	6.65	6.77
14	Feb-17	6.7	6.8	7.9	6.9	6.8	7	6.8
15	Mar-18	6.5	6.3	7	6.6	6.5	6.5	6.7
16	Mar-19	6.63	6.51	7.14	6.64	6.65	6.71	6.95
17	Mar-20	6.7	6.6	7.24	6.79	7	6.79	6.86
18	May-21	8.6	8.5	8.9	6.7	7.3	6.8	8.8
19	Mar-22	6.7	6.6	7.1	6.7	6.7	6.7	6.9
20	Mar-23	6.6	6.5	7	6.6	6.6	6.6	6.8
21	Mar-24	6.57	6.44	6.96	6.53	6.59	6.57	6.72
22	Feb-25	6.59	6.53	6.93	6.56	6.63	6.55	6.73
23	Feb-26	6.53	6.45	6.91	6.6	6.57	6.51	6.64
24								
25								
Coefficient of Variation:		0.07	0.07	0.13	0.08	0.04	0.04	0.08
Mann-Kendall Statistic (S):		-77	-63	-183	-132	-80	-86	-17
Confidence Factor:		97.8%	94.9%	>99.9%	>99.9%	99.2%	99.8%	74.2%
Concentration Trend:		Decreasing	Prob. Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Stable



Notes:

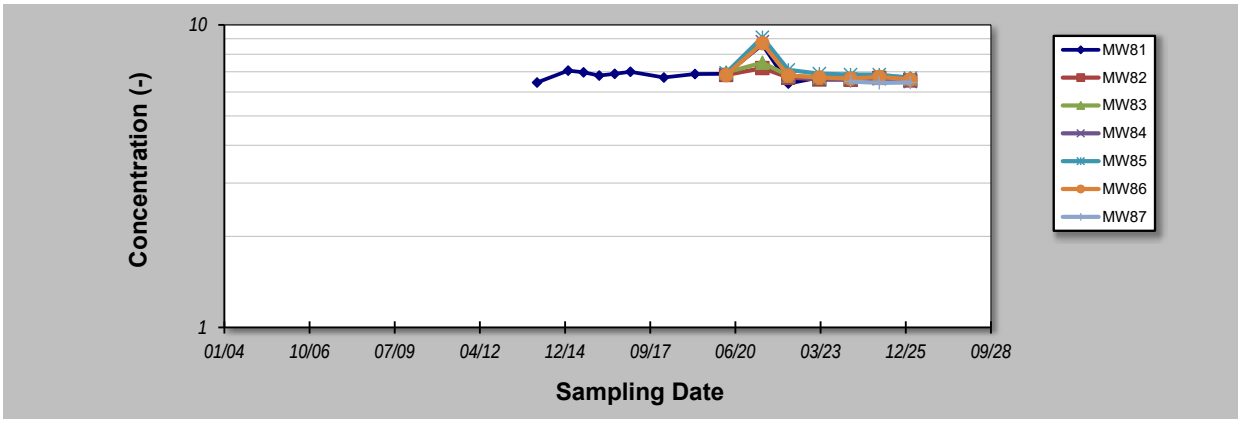
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	pH
Conducted By:	LH	Concentration Units:	-

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	PH CONCENTRATION (-)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	6.45						
10	Feb-15	7.06						
11	Aug-15	6.97						
12	Feb-16	6.8						
13	Aug-16	6.89						
14	Feb-17	7						
15	Mar-18	6.7						
16	Mar-19	6.88						
17	Mar-20	6.89	6.83	6.96	6.85	6.94	6.82	
18	May-21	8.6	7.2	7.5	8.8	9.1	8.7	
19	Mar-22	6.4	6.7	6.8	6.8	7.1	6.8	
20	Mar-23	6.7	6.6	6.7	6.6	6.9	6.7	
21	Mar-24	6.69	6.59	6.68	6.6	6.85	6.64	6.5
22	Feb-25	6.76	6.68	6.72	6.64	6.85	6.73	6.43
23	Feb-26	6.73	6.55	6.63	6.5	6.67	6.6	6.45
24								
25								
Coefficient of Variation:		0.07	0.03	0.04	0.12	0.12	0.11	0.01
Mann-Kendall Statistic (S):		-23	-15	-15	-14	-16	-15	-1
Confidence Factor:		85.9%	98.5%	98.5%	97.5%	99.0%	98.5%	
Concentration Trend:		Stable	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	



Notes:

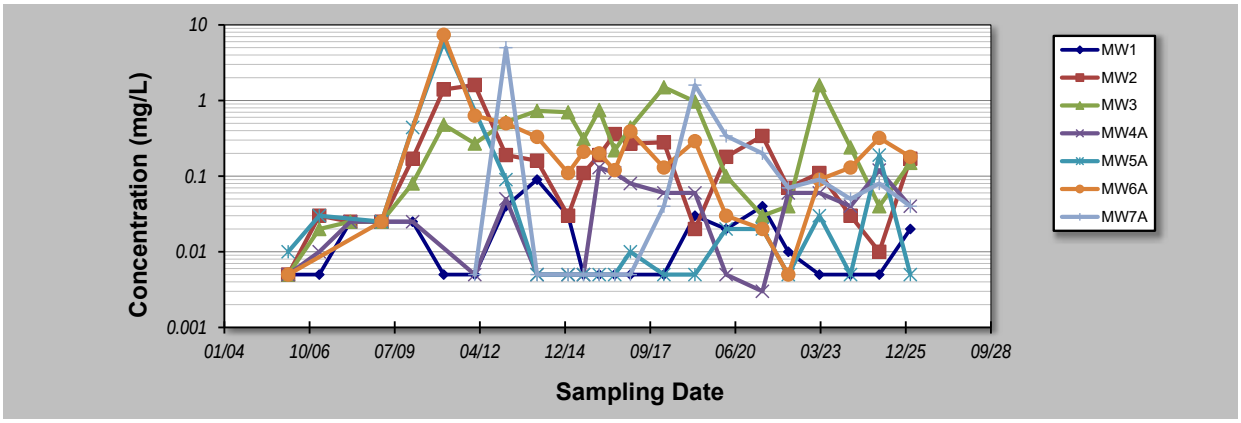
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Ammonia
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	AMMONIA CONCENTRATION (mg/L)						
1	Feb-06	*0.005*	*0.005*	*0.005*	*0.005*	0.01	*0.005*	
2	Feb-07	*0.005*	0.03	0.02	0.01	0.03		
3	Feb-08	*0.025*	*0.025*	*0.025*	*0.025*			
4	Feb-09	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	
5	Feb-10	*0.025*	0.17	0.08	*0.025*	0.44		
6	Feb-11	*0.005*	1.4	0.48		5.9	7.4	
7	Feb-12	*0.005*	1.6	0.27	*0.005*		0.63	*0.005*
8	Feb-13	0.04	0.19	0.52	0.05	0.09	0.5	5
9	Feb-14	0.09	0.16	0.73	*0.005*	*0.005*	0.33	*0.005*
10	Feb-15	0.03	0.03	0.7	*0.005*	*0.005*	0.11	*0.005*
11	Aug-15	*0.005*	0.11	0.31	*0.005*	*0.005*	0.21	*0.005*
12	Feb-16	*0.005*	0.19	0.75	0.13	*0.005*	0.2	*0.005*
13	Aug-16	*0.005*	0.36	0.22	0.11	*0.005*	0.12	*0.005*
14	Feb-17	*0.005*	0.27	0.44	0.08	0.01	0.39	*0.005*
15	Mar-18	*0.005*	0.28	1.5	0.06	*0.005*	0.13	0.04
16	Mar-19	0.03	0.02	0.97	0.06	*0.005*	0.29	1.6
17	Mar-20	0.02	0.18	*0.1*	*0.005*	0.02	0.03	0.34
18	May-21	0.04	0.34	0.03	0.003	0.02	0.02	0.2
19	Mar-22	0.01	0.07	0.04	0.06	*0.005*	*0.005*	0.07
20	Mar-23	*0.005*	0.11	1.6	0.06	0.03	0.09	0.09
21	Mar-24	*0.005*	0.03	0.24	0.04	*0.005*	0.13	0.05
22	Feb-25	*0.005*	0.01	0.04	0.12	0.19	0.32	0.08
23	Feb-26	0.02	0.17	0.15	0.04	*0.005*	0.18	0.04
24								
25								
Coefficient of Variation:		1.10	1.63	1.14	0.94	3.95	2.91	2.78
Mann-Kendall Statistic (S):		-9	10	61	50	-32	-34	34
Confidence Factor:		58.3%	59.3%	94.3%	91.6%	82.3%	85.6%	91.2%
Concentration Trend:		No Trend	No Trend	Prob. Increasing	Prob. Increasing	No Trend	No Trend	Prob. Increasing



Notes:

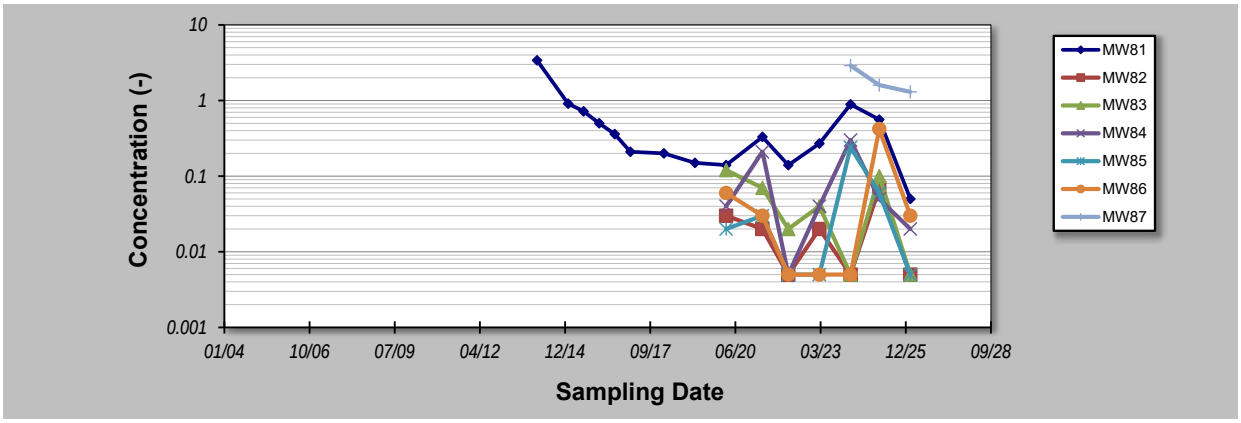
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Ammonia
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	AMMONIA CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	3.4						
10	Feb-15	0.91						
11	Aug-15	0.72						
12	Feb-16	0.5						
13	Aug-16	0.36						
14	Feb-17	0.21						
15	Mar-18	0.2						
16	Mar-19	0.15						
17	Mar-20	0.14	0.03	0.12	0.04	0.02	0.06	
18	May-21	0.33	0.02	0.07	0.21	0.03	0.03	
19	Mar-22	0.14	*0.005*	0.02	*0.005*	*0.005*	*0.005*	
20	Mar-23	0.27	0.02	0.04	0.04	*0.005*	*0.005*	
21	Mar-24	0.89	*0.005*	*0.005*	0.3	0.24	*0.005*	2.9
22	Feb-25	0.56	0.07	0.1	0.05	0.06	0.42	1.6
23	Feb-26	0.05	*0.005*	*0.005*	0.02	*0.005*	0.03	1.3
24								
25								
Coefficient of Variation:		1.40	1.05	0.90	1.19	1.63	1.91	0.44
Mann-Kendall Statistic (S):		-48	-5	-10	0	0	-1	-3
Confidence Factor:		99.1%	71.9%	90.7%	37.9%	37.9%	50.0%	
Concentration Trend:		Decreasing	No Trend	Prob. Decreasing	No Trend	No Trend	No Trend	



Notes:

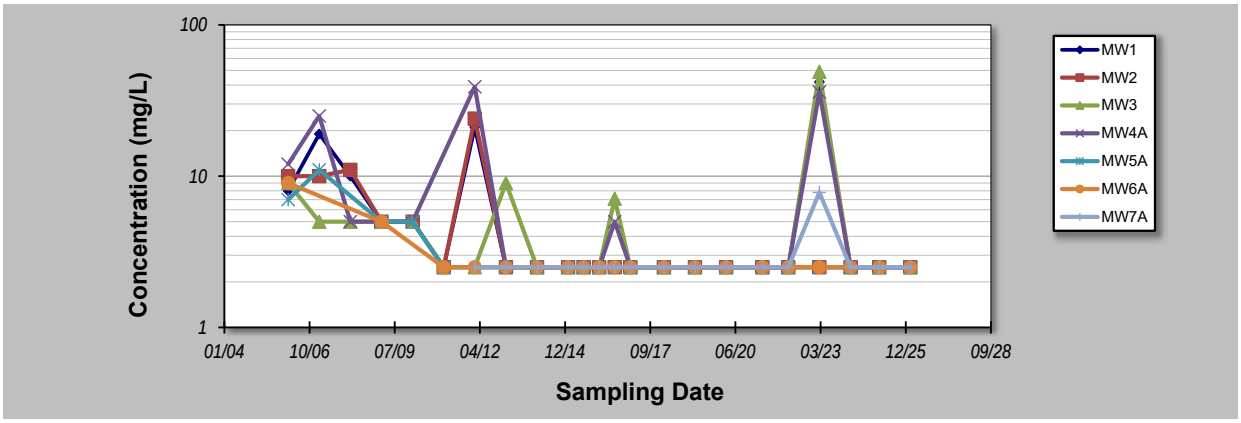
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	BOD
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	BOD CONCENTRATION (mg/L)						
1	Feb-06	8	10	9	12	7	9	
2	Feb-07	19	10	5	25	11		
3	Feb-08	10	11	5	5			
4	Feb-09	5	5	5	5	5	5	
5	Feb-10	5	5	5	5	5		
6	Feb-11	2.5	2.5	2.5		2.5	2.5	
7	Feb-12	21	24	2.5	39		2.5	2.5
8	Feb-13	2.5	2.5	9	2.5	2.5	2.5	2.5
9	Feb-14	2.5	2.5	2.5	2.5	2.5	2.5	2.5
10	Feb-15	2.5	2.5	2.5	2.5	2.5	2.5	2.5
11	Aug-15	2.5	2.5	2.5	2.5	2.5	2.5	2.5
12	Feb-16		2.5	2.5	2.5	2.5	2.5	2.5
13	Aug-16	2.5	2.5	7.1	5	2.5	2.5	2.5
14	Feb-17	2.5	2.5	2.5	2.5	2.5	2.5	2.5
15	Mar-18	2.5	2.5	2.5	2.5	2.5	2.5	2.5
16	Mar-19	2.5	2.5	2.5	2.5	2.5	2.5	2.5
17	Mar-20	2.5	2.5	2.5	2.5	2.5	2.5	2.5
18	May-21	2.5	2.5	2.5	2.5	2.5	2.5	2.5
19	Mar-22	2.5	2.5	2.5	2.5	2.5	2.5	2.5
20	Mar-23	42	2.5	49	36	2.5	2.5	7.8
21	Mar-24	2.5	2.5	2.5	2.5	2.5	2.5	2.5
22	Feb-25	2.5	2.5	2.5	2.5	2.5	2.5	2.5
23	Feb-26	2.5	2.5	2.5	2.5	2.5	2.5	2.5
24								
25								
Coefficient of Variation:		1.41	1.07	1.69	1.44	0.63	0.52	0.46
Mann-Kendall Statistic (S):		-73	-99	-71	-78	-71	-37	10
Confidence Factor:		97.9%	99.6%	96.8%	98.6%	98.4%	87.7%	64.2%
Concentration Trend:		Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Stable	No Trend



Notes:

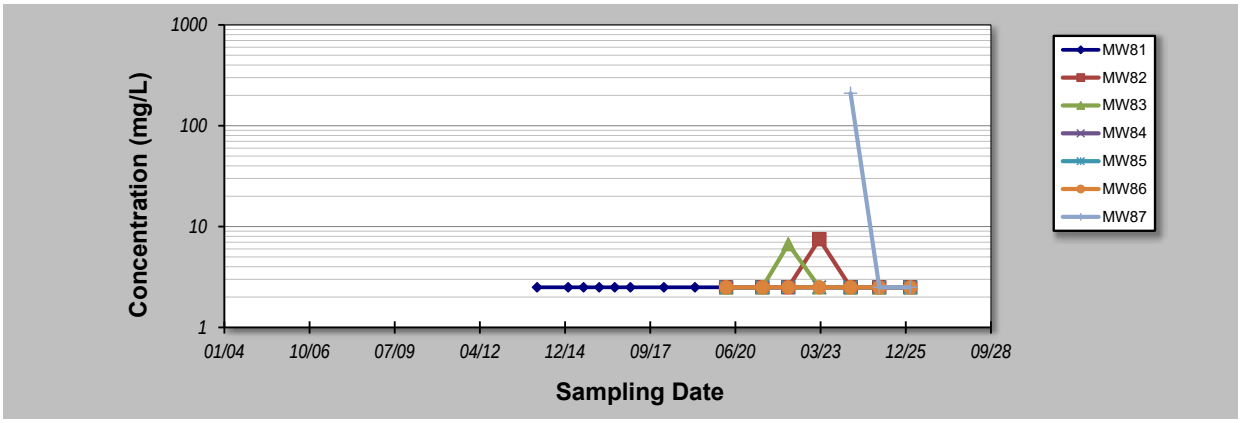
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	BOD
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	BOD CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	2.5						
10	Feb-15	2.5						
11	Aug-15	2.5						
12	Feb-16	2.5						
13	Aug-16	2.5						
14	Feb-17	2.5						
15	Mar-18	2.5						
16	Mar-19	2.5						
17	Mar-20	2.5	2.5	2.5	2.5	2.5	2.5	
18	May-21	2.5	2.5	2.5	2.5	2.5	2.5	
19	Mar-22	2.5	2.5	6.7	2.5	2.5	2.5	
20	Mar-23	2.5	7.5	2.5	2.5	2.5	2.5	
21	Mar-24	2.5	2.5	2.5	2.5	2.5	2.5	210
22	Feb-25	2.5	2.5	2.5	2.5	2.5	2.5	2.5
23	Feb-26	2.5	2.5	2.5	2.5	2.5	2.5	2.5
24								
25								
Coefficient of Variation:		0.00	0.59	0.51	0.00	0.00	0.00	1.67
Mann-Kendall Statistic (S):		0	0	-2	0	0	0	-2
Confidence Factor:		48.0%	37.9%	55.7%	37.9%	37.9%	37.9%	
Concentration Trend:		Stable	Stable	Stable	Stable	Stable	Stable	



Notes:

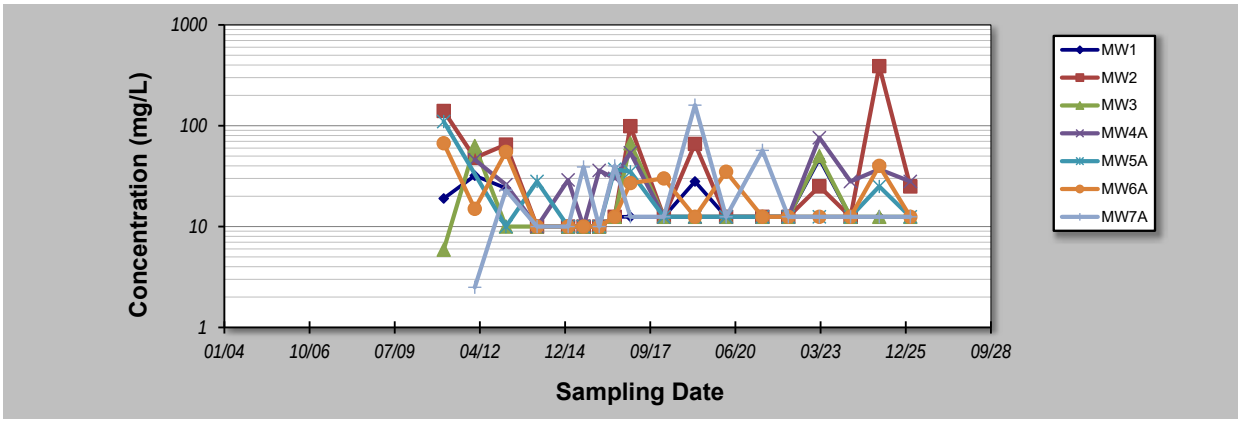
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	COD
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	COD CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11	19	140	5.9		110	67	
7	Feb-12	32	48	63	46		15	*2.5*
8	Feb-13	24	65	*10*	26	*10*	55	23
9	Feb-14	*10*	*10*	*10*	*10*	28	*10*	*10*
10	Feb-15	*10*	*10*	*10*	29	*10*	*10*	*10*
11	Aug-15	*10*	*10*	*10*	*10*	*10*	*10*	39
12	Feb-16	*10*	*10*	*10*	36	*10*	*10*	*10*
13	Aug-16	*12.5*	*12.5*	*12.5*	30	37	*12.5*	40
14	Feb-17	*12.5*	99.00	67	54	35	27	*12.5*
15	Mar-18	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	30	*12.5*
16	Mar-19	28	66	*12.5*	*12.5*	*12.5*	*12.5*	160
17	Mar-20	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	35	*12.5*
18	May-21	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	57
19	Mar-22	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*
20	Mar-23	47	25	50	76	*12.5*	*12.5*	*12.5*
21	Mar-24	*12.5*	*12.5*	*12.5*	28	*12.5*	*12.5*	*12.5*
22	Feb-25	*12.5*	390	*12.5*	37	25	40	*12.5*
23	Feb-26	*12.5*	25	*12.5*	28	*12.5*	*12.5*	*12.5*
24								
25								
Coefficient of Variation:		0.59	1.69	0.98	0.66	1.10	0.77	1.40
Mann-Kendall Statistic (S):		11	19	53	12	6	4	25
Confidence Factor:		64.6%	75.0%	97.6%	67.2%	58.0%	54.5%	83.6%
Concentration Trend:		No Trend	No Trend	Increasing	No Trend	No Trend	No Trend	No Trend



Notes:

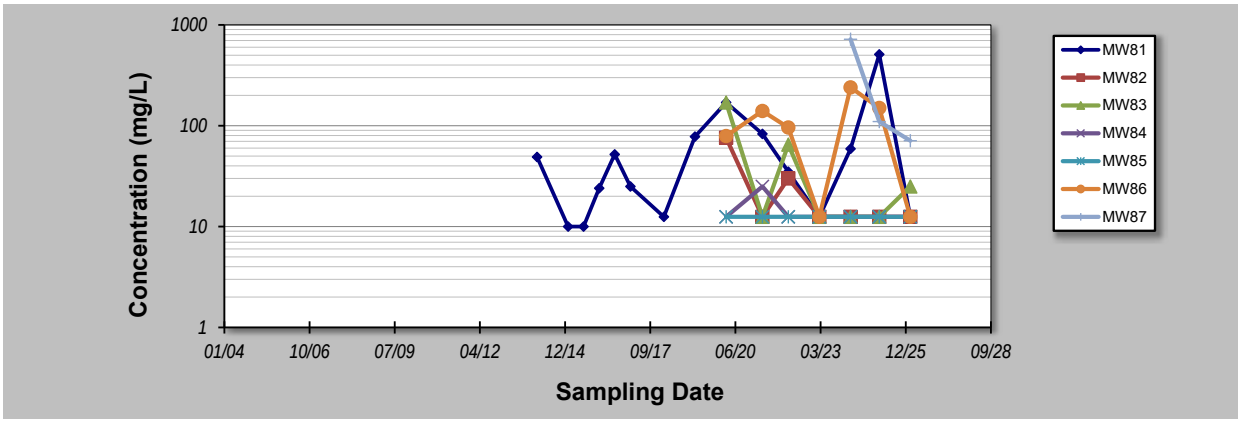
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	COD
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	COD CONCENTRATION (mg/L)						
Sampling Point ID:		MW81	MW82	MW83	MW84	MW85	MW86	MW87
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	49						
10	Feb-15	*10*						
11	Aug-15	*10*						
12	Feb-16	24						
13	Aug-16	52						
14	Feb-17	25						
15	Mar-18	*12.5*						
16	Mar-19	78						
17	Mar-20	170	76	170	*12.5*	*12.5*	79	
18	May-21	83	*12.5*	*12.5*	25	*12.5*	140	
19	Mar-22	35	30	65	*12.5*	*12.5*	96	
20	Mar-23	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	*12.5*	
21	Mar-24	59	*12.5*	*12.5*	*12.5*	*12.5*	240	720
22	Feb-25	510	*12.5*	*12.5*	*12.5*	*12.5*	150	110
23	Feb-26	*12.5*	*12.5*	25	*12.5*	*12.5*	*12.5*	71
24								
25								
Coefficient of Variation:		1.67	0.99	1.32	0.33	0.00	0.78	1.21
Mann-Kendall Statistic (S):		29	-9	-5	-4	0	0	-3
Confidence Factor:		91.6%	88.1%	71.9%	66.7%	37.9%	37.9%	
Concentration Trend:		Prob. Increasing	Stable	No Trend	Stable	Stable	Stable	



Notes:

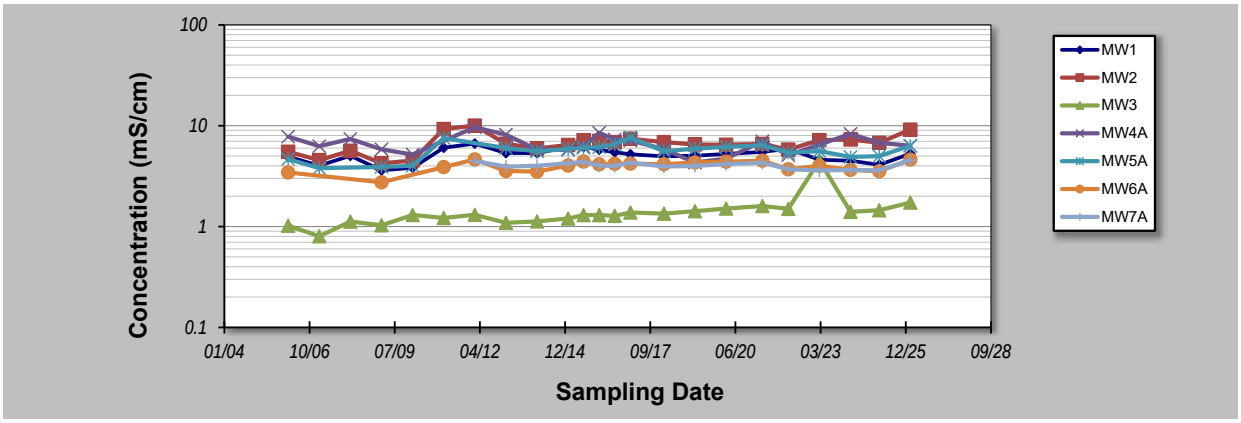
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Conductivity
Conducted By:	LH	Concentration Units:	mS/cm

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	CONDUCTIVITY CONCENTRATION (mS/cm)					
1	Feb-06	4.9	5.5	1.0	7.8	4.7	3.4	
2	Feb-07	4.0	4.6	0.8	6.3	3.8		
3	Feb-08	5.0	5.7	1.1	7.4			
4	Feb-09	3.6	4.2	1.0	5.8	3.9	2.8	
5	Feb-10	3.8	4.5	1.3	5.2	4.0		
6	Feb-11	6.1	9.3	1.2		7.5	3.9	
7	Feb-12	6.7	10.0	1.3	9.7		4.6	4.5
8	Feb-13	5.4	6.6	1.1	8.2	6.0	3.6	3.9
9	Feb-14	5.4	6.0	1.1	5.8	5.6	3.5	4.0
10	Feb-15	6.2	6.4	1.2	5.8	5.9	4.0	4.3
11	Aug-15	6.2	7.2	1.3	6.2	6.1	4.4	4.4
12	Feb-16	5.8	7.1	1.3	8.5	6.1	4.1	4.0
13	Aug-16	5.5	6.9	1.3	7.3	6.5	4.2	4.0
14	Feb-17	5.2	7.4	1.4	7.1	7.7	4.2	4.3
15	Mar-18	5.0	6.9	1.3	5.9	5.6	4.2	3.9
16	Mar-19	5.0	6.5	1.4	4.3	5.9	4.3	4.0
17	Mar-20	5.2	6.5	1.5	4.7	6.2	4.4	4.2
18	May-21	5.5	6.6	1.6	7.0	6.4	4.5	4.3
19	Mar-22	5.9	5.8	1.5	5.1	5.4	3.7	3.7
20	Mar-23	4.6	7.2	4.5	6.5	5.6	4.0	3.6
21	Mar-24	4.5	7.3	1.4	8.3	4.9	3.6	3.6
22	Feb-25	4.1	6.8	1.5	6.8	5.0	3.5	3.6
23	Feb-26	5.3	9.1	1.7	6.3	6.3	4.6	4.6
24								
25								
Coefficient of Variation:		0.15	0.21	0.49	0.20	0.18	0.12	0.07
Mann-Kendall Statistic (S):		-3	81	184	-27	42	44	-36
Confidence Factor:		52.1%	98.3%	>99.9%	76.6%	89.1%	91.8%	92.4%
Concentration Trend:		Stable	Increasing	Increasing	Stable	No Trend	Prob. Increasing	Prob. Decreasing



Notes:

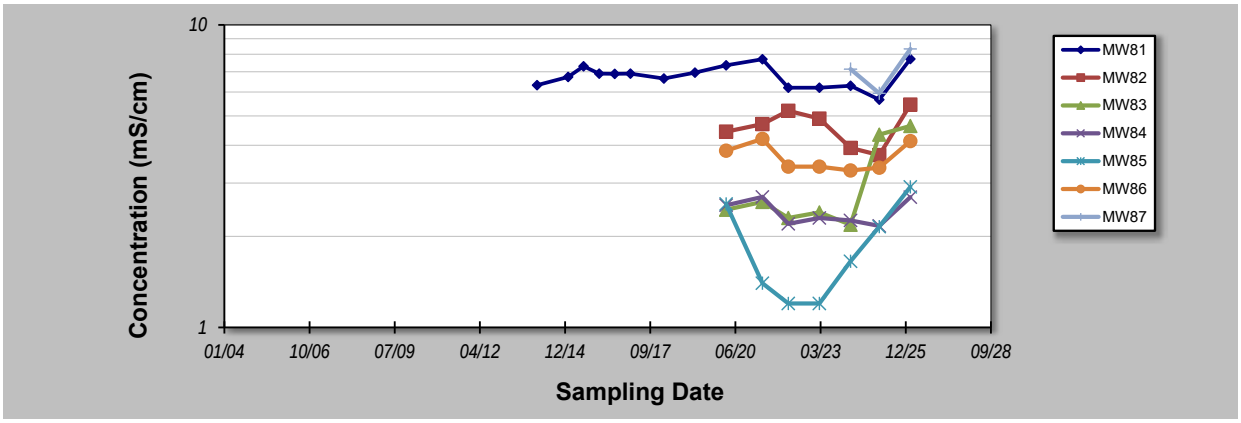
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Conductivity
Conducted By:	LH	Concentration Units:	mS/cm

Sampling Event	Sampling Date	CONDUCTIVITY CONCENTRATION (mS/cm)						
Sampling Point ID:		MW81	MW82	MW83	MW84	MW85	MW86	MW87
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	6.3						
10	Feb-15	6.7						
11	Aug-15	7.3						
12	Feb-16	6.9						
13	Aug-16	6.9						
14	Feb-17	6.9						
15	Mar-18	6.6						
16	Mar-19	7.0						
17	Mar-20	7.4	4.4	2.5	2.5	2.6	3.8	
18	May-21	7.7	4.7	2.6	2.7	1.4	4.2	
19	Mar-22	6.2	5.2	2.3	2.2	1.2	3.4	
20	Mar-23	6.2	4.9	2.4	2.3	1.2	3.4	
21	Mar-24	6.3	3.9	2.2	2.3	1.7	3.3	7.1
22	Feb-25	5.7	3.7	4.3	2.2	2.2	3.4	5.9
23	Feb-26	7.7	5.5	4.6	2.7	2.9	4.1	8.3
24								
25								
Coefficient of Variation:		0.09	0.14	0.35	0.10	0.37	0.11	0.17
Mann-Kendall Statistic (S):		-2	1	5	-5	6	-6	1
Confidence Factor:		52.0%	50.0%	71.9%	71.9%	76.4%	76.4%	
Concentration Trend:		Stable	No Trend	No Trend	Stable	No Trend	Stable	



Notes:

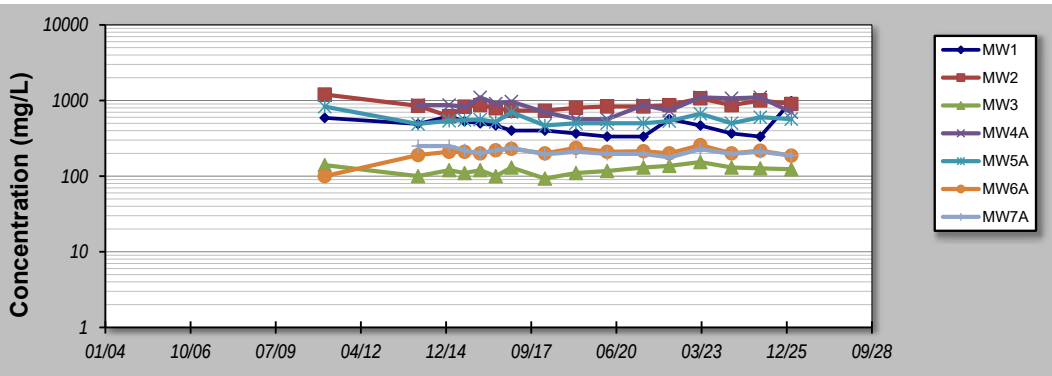
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Sulphate
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	SULPHATE CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11	590	1200	140		830	100	
7	Feb-12							
8	Feb-13							
9	Feb-14	490	850	100	870	490	190	250
10	Feb-15	620	620	120	870	540	210	250
11	Aug-15	530	830	110	820	550	210	220
12	Feb-16	500	870	120	1100	560	200	200
13	Aug-16	470	790	100	910	520	220	220
14	Feb-17	401	734	130	968	701	230	237
15	Mar-18	401	734	93	701	467	200	194
16	Mar-19	367	801	110	567	501	237	210
17	Mar-20	334	834	117	567	501	210	197
18	May-21	334	834	130	868	501	214	197
19	Mar-22	567	868	137	734	534	200	177
20	Mar-23	467	1068	154	1101	668	257	227
21	Mar-24	367	868	130	1068	501	200	197
22	Feb-25	334	1001	127	1101	601	217	210
23	Feb-26	980	901	123	701	567	187	187
24								
25								
Coefficient of Variation:		0.33	0.16	0.13	0.21	0.17	0.16	0.10
Mann-Kendall Statistic (S):		-45	35	28	2	-2	25	-50
Confidence Factor:		97.7%	93.6%	88.6%	52.0%	51.8%	85.7%	99.3%
Concentration Trend:		Decreasing	Prob. Increasing	No Trend	No Trend	Stable	No Trend	Decreasing



Notes:

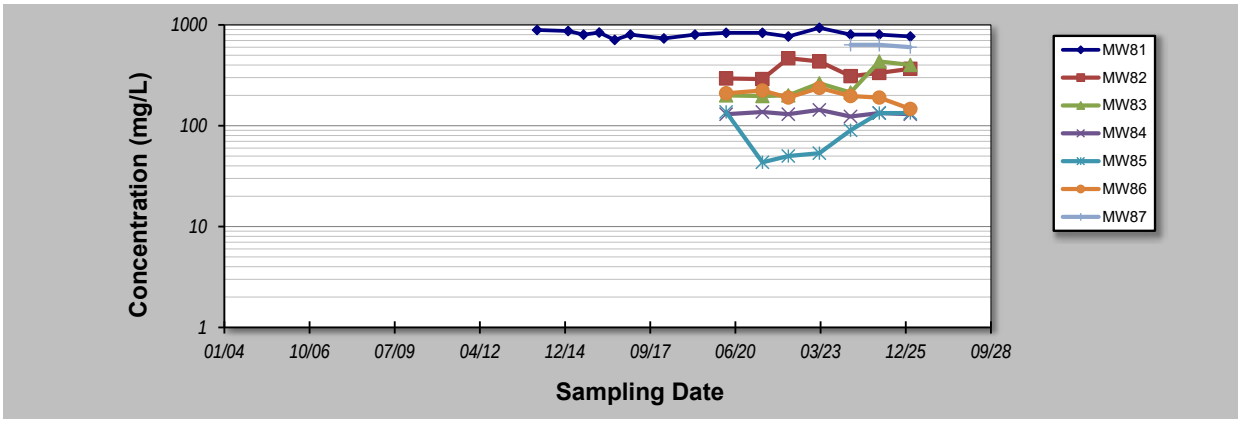
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Sulphate
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	SULPHATE CONCENTRATION (mg/L)						
Sampling Point ID:		MW81	MW82	MW83	MW84	MW85	MW86	MW87
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	890						
10	Feb-15	870						
11	Aug-15	800						
12	Feb-16	840						
13	Aug-16	710						
14	Feb-17	801						
15	Mar-18	734						
16	Mar-19	801						
17	Mar-20	834	294	200	130	137	210	
18	May-21	834	290	197	137	43	224	
19	Mar-22	768	467	200	130	50	190	
20	Mar-23	935	434	264	144	53	237	
21	Mar-24	801	310	214	123	90	197	634
22	Feb-25	801	334	434	134	134	190	634
23	Feb-26	768	367	401	130	134	147	601
24								
25								
Coefficient of Variation:		0.07	0.20	0.37	0.05	0.47	0.15	0.03
Mann-Kendall Statistic (S):		-15	5	15	0	8	-10	-2
Confidence Factor:		75.2%	71.9%	98.5%	37.9%	84.5%	90.7%	
Concentration Trend:		Stable	No Trend	Increasing	Stable	No Trend	Prob. Decreasing	



Notes:

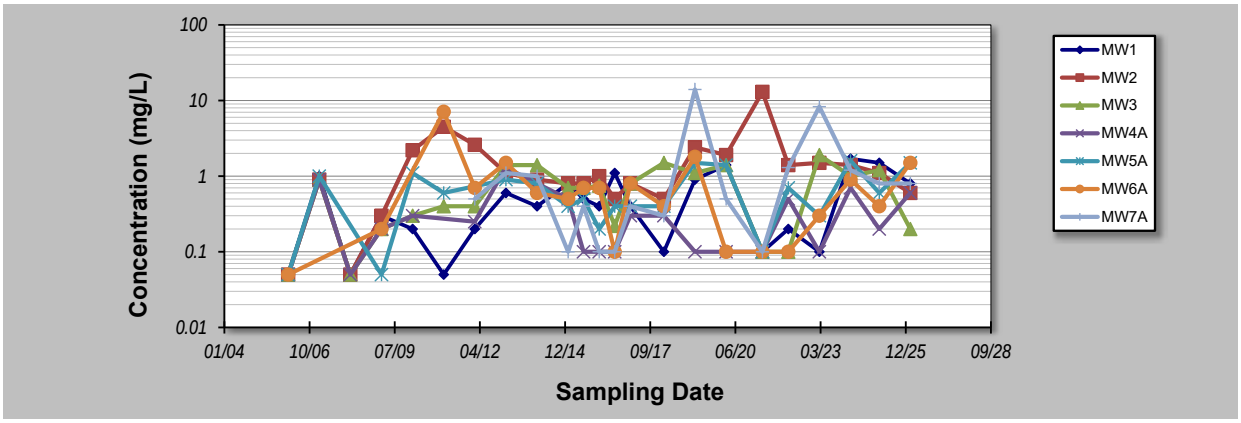
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	TKN
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	TKN CONCENTRATION (mg/L)						
Sampling Point ID:		MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
1	Feb-06	*0.05*	*0.05*	*0.05*	*0.05*	*0.05*	*0.05*	
2	Feb-07	1	0.9	0.9	0.9	1		
3	Feb-08	*0.05*	*0.05*	*0.05*	*0.05*			
4	Feb-09	0.3	0.3	0.2	0.2	*0.05*	0.2	
5	Feb-10	0.2	2.2	0.3	0.3	1.1		
6	Feb-11	*0.05*	4.5	0.4		0.6	7.1	
7	Feb-12	0.2	2.6	0.4	*0.25*		0.7	0.5
8	Feb-13	0.6	1.1	1.4	1.3	0.9	1.5	1.1
9	Feb-14	0.4	0.9	1.4	0.8	0.8	0.6	1
10	Feb-15	0.8	0.8	0.7	0.5	0.4	0.5	*0.1*
11	Aug-15	0.5	0.8	0.7	*0.1*	0.5	0.7	0.4
12	Feb-16	0.4	1	0.75	*0.1*	0.2	0.7	*0.1*
13	Aug-16	1.1	0.5	0.22	*0.1*	0.4	*0.1*	*0.1*
14	Feb-17	0.4	0.8	0.8	0.3	0.4	0.8	0.4
15	Mar-18	*0.1*	0.5	1.5	0.3	0.4	0.4	0.3
16	Mar-19	0.9	2.4	1.1	*0.1*	1.5	1.8	14
17	Mar-20	1.4	1.9	1.4	*0.1*	1.4	*0.1*	0.5
18	May-21	*0.1*	13	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*
19	Mar-22	0.2	1.4	*0.1*	0.5	0.7	*0.1*	1.3
20	Mar-23	*0.1*	1.5	1.9	*0.1*	0.3	0.3	8.3
21	Mar-24	1.7	1.4	1	0.7	1.6	0.9	1.2
22	Feb-25	1.5	1.1	1.2	0.2	0.6	0.4	0.8
23	Feb-26	0.8	0.6	0.2	0.6	1.5	1.5	0.8
24								
25								
Coefficient of Variation:		0.90	1.51	0.76	0.96	0.72	1.66	2.01
Mann-Kendall Statistic (S):		74	39	69	12	31	-1	25
Confidence Factor:		97.4%	84.0%	96.4%	62.1%	81.5%	50.0%	83.6%
Concentration Trend:		Increasing	No Trend	Increasing	No Trend	No Trend	No Trend	No Trend



Notes:

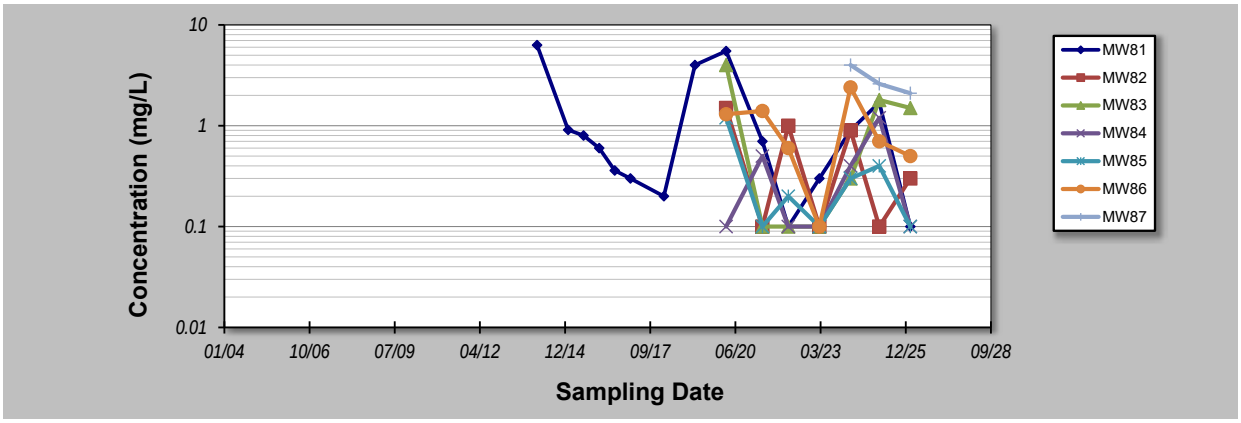
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	TKN
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	TKN CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	6.3						
10	Feb-15	0.91						
11	Aug-15	0.8						
12	Feb-16	0.6						
13	Aug-16	0.36						
14	Feb-17	0.3						
15	Mar-18	0.2						
16	Mar-19	4						
17	Mar-20	5.5	1.5	4	*0.1*	1.2	1.3	
18	May-21	0.7	*0.1*	*0.1*	0.5	*0.1*	1.4	
19	Mar-22	*0.1*	1	*0.1*	*0.1*	0.2	0.6	
20	Mar-23	0.3	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	
21	Mar-24	0.9	0.9	0.3	0.4	0.3	2.4	4
22	Feb-25	1.7	*0.1*	1.8	1.2	0.4	0.7	2.6
23	Feb-26	*0.1*	0.3	1.5	*0.1*	*0.1*	0.5	2.1
24								
25								
Coefficient of Variation:		1.34	0.98	1.29	1.14	1.15	0.77	0.34
Mann-Kendall Statistic (S):		-29	-6	4	3	-2	-5	-3
Confidence Factor:		91.6%	76.4%	66.7%	61.4%	55.7%	71.9%	
Concentration Trend:		Prob. Decreasing	Stable	No Trend	No Trend	No Trend	Stable	



Notes:

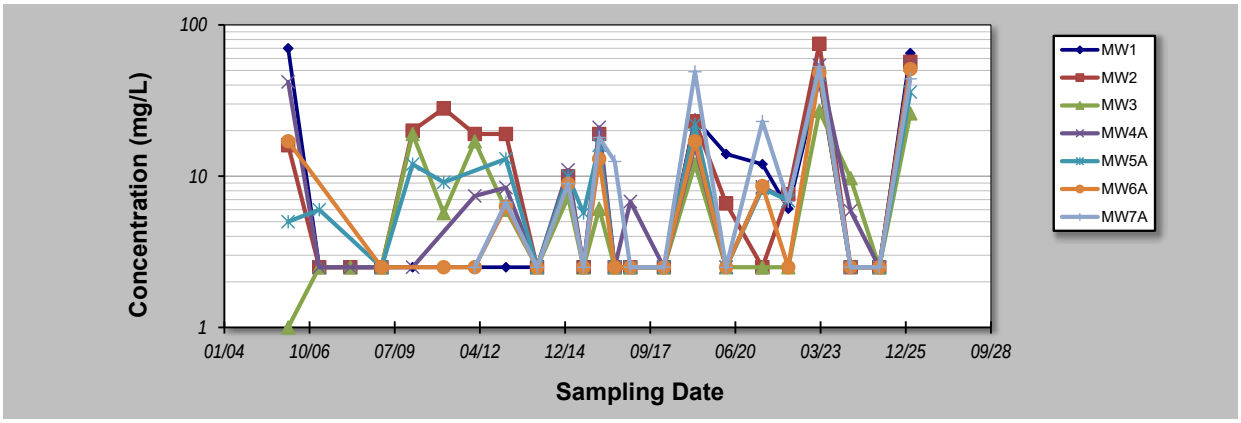
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	TOC
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
	Sampling Point ID:	TOC CONCENTRATION (mg/L)						
1	Feb-06	70	16	1	42	5	17	
2	Feb-07	2.5	2.5	2.5	2.5	6		
3	Feb-08	2.5	2.5	2.5	2.5			
4	Feb-09	2.5	2.5	2.5	2.5	2.5	2.5	
5	Feb-10	2.5	20	19	2.5	12		
6	Feb-11	2.5	28	5.7		9.1	2.5	
7	Feb-12	2.5	19	17	7.4		2.5	2.5
8	Feb-13	2.5	19	6	8.4	13	6.3	6.7
9	Feb-14	2.5	2.5	2.5	2.5	2.5	2.5	2.5
10	Feb-15	10	10	7.3	11	10	8.9	8.9
11	Aug-15	2.5	2.5	2.5	2.5	5.7	2.5	2.5
12	Feb-16	18	19	6.1	21	16	13	18
13	Aug-16	2.5	2.5	2.5	2.5	2.5	2.5	12.5
14	Feb-17	2.5	2.5	2.5	6.8	2.5	2.5	2.5
15	Mar-18	2.5	2.5	2.5	2.5	2.5	2.5	2.5
16	Mar-19	24	23	12	16	22	17	49
17	Mar-20	14	6.6	2.5	2.5	2.5	2.5	2.5
18	May-21	12	2.5	2.5	8.5	8.3	8.6	23
19	Mar-22	6.1	7.6	2.5	6.9	6.9	2.5	6.8
20	Mar-23	44	75	27	54	47	48	53
21	Mar-24	2.5	2.5	9.7	5.9	2.5	2.5	2.5
22	Feb-25	2.5	2.5	2.5	2.5	2.5	2.5	2.5
23	Feb-26	65	57	26	54	36	51	44
24								
25								
	Coefficient of Variation:	1.53	1.30	1.07	1.34	1.14	1.44	1.23
	Mann-Kendall Statistic (S):	56	5	41	41	10	19	26
	Confidence Factor:	92.6%	54.2%	85.3%	86.9%	60.6%	71.8%	84.6%
	Concentration Trend:	Prob. Increasing	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

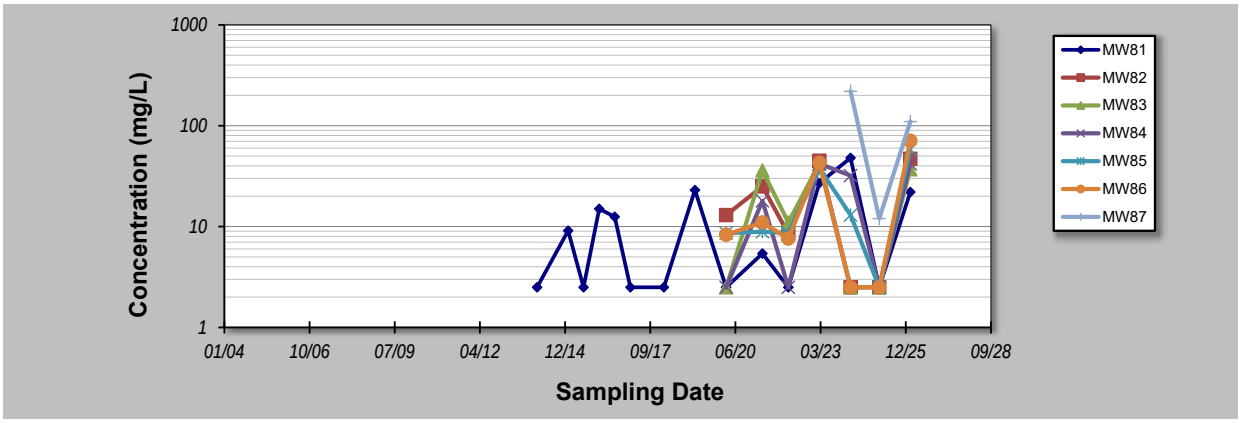
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	TOC
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	TOC CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	2.5						
10	Feb-15	9.1						
11	Aug-15	2.5						
12	Feb-16	15.0						
13	Aug-16	12.5						
14	Feb-17	2.5						
15	Mar-18	2.5						
16	Mar-19	23						
17	Mar-20	2.5	13	2.5	2.5	8.6	8.3	
18	May-21	5.4	25	36	18	8.9	11	
19	Mar-22	2.5	8.5	11	2.5	8.6	7.6	
20	Mar-23	27	45	42	42	38	43	
21	Mar-24	48	2.5	2.5	32	13	2.5	220
22	Feb-25	2.5	2.5	2.5	2.5	2.5	2.5	12
23	Feb-26	22	47	37	42	58	71	110
24								
25								
Coefficient of Variation:		1.10	0.93	0.96	0.91	1.04	1.26	0.91
Mann-Kendall Statistic (S):		22	0	2	7	6	0	-1
Confidence Factor:		84.8%	37.9%	55.7%	80.9%	76.4%	37.9%	
Concentration Trend:		No Trend	Stable	No Trend	No Trend	No Trend	No Trend	



Notes:

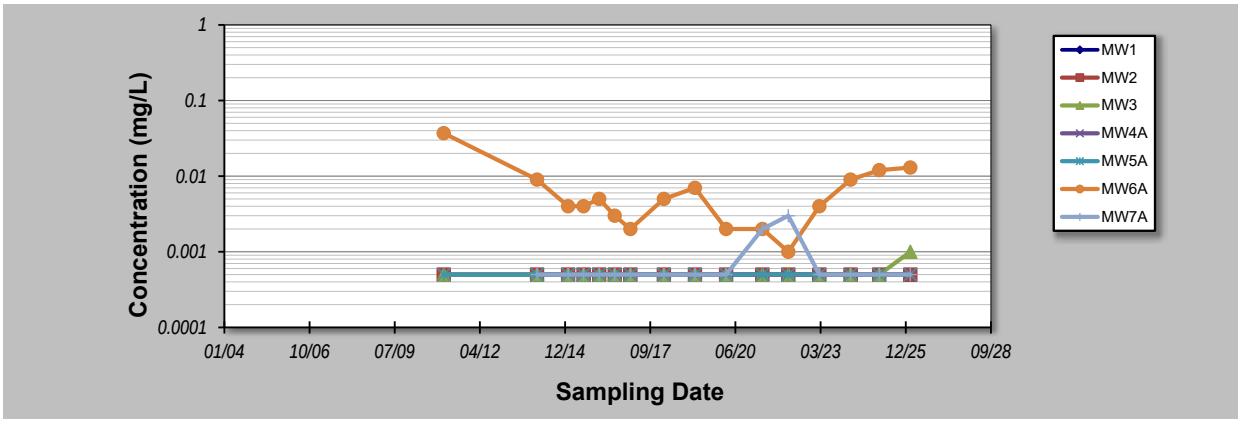
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Arsenic
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	ARSENIC CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11	0.0005	0.0005	0.0005		0.0005	0.037	
7	Feb-12							
8	Feb-13							
9	Feb-14	0.0005	0.0005	0.0005	0.0005	0.0005	0.009	0.0005
10	Feb-15	0.0005	0.0005	0.0005	0.0005	0.0005	0.004	0.0005
11	Aug-15	0.0005	0.0005	0.0005	0.0005	0.0005	0.004	0.0005
12	Feb-16	0.0005	0.0005	0.0005	0.0005	0.0005	0.005	0.0005
13	Aug-16	0.0005	0.0005	0.0005	0.0005	0.0005	0.003	0.0005
14	Feb-17	0.0005	0.0005	0.0005	0.0005	0.0005	0.002	0.0005
15	Mar-18	0.0005	0.0005	0.0005	0.0005	0.0005	0.005	0.0005
16	Mar-19	0.0005	0.0005	0.0005	0.0005	0.0005	0.007	0.0005
17	Mar-20	0.0005	0.0005	0.0005	0.0005	0.0005	0.002	0.0005
18	May-21	0.0005	0.0005	0.0005	0.0005	0.0005	0.002	0.002
19	Mar-22	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.003
20	Mar-23	0.0005	0.0005	0.0005	0.0005	0.0005	0.004	0.0005
21	Mar-24	0.0005	0.0005	0.0005	0.0005	0.0005	0.009	0.0005
22	Feb-25	0.0005	0.0005	0.0005	0.0005	0.0005	0.012	0.0005
23	Feb-26	0.0005	0.0005	0.001	0.0005	0.0005	0.013	0.0005
24								
25								
Coefficient of Variation:		0.00	0.00	0.24	0.00	0.00	1.17	0.95
Mann-Kendall Statistic (S):		0	0	15	0	0	-2	11
Confidence Factor:		48.2%	48.2%	73.3%	48.0%	48.2%	51.8%	68.7%
Concentration Trend:		Stable	Stable	No Trend	Stable	Stable	No Trend	No Trend



Notes:

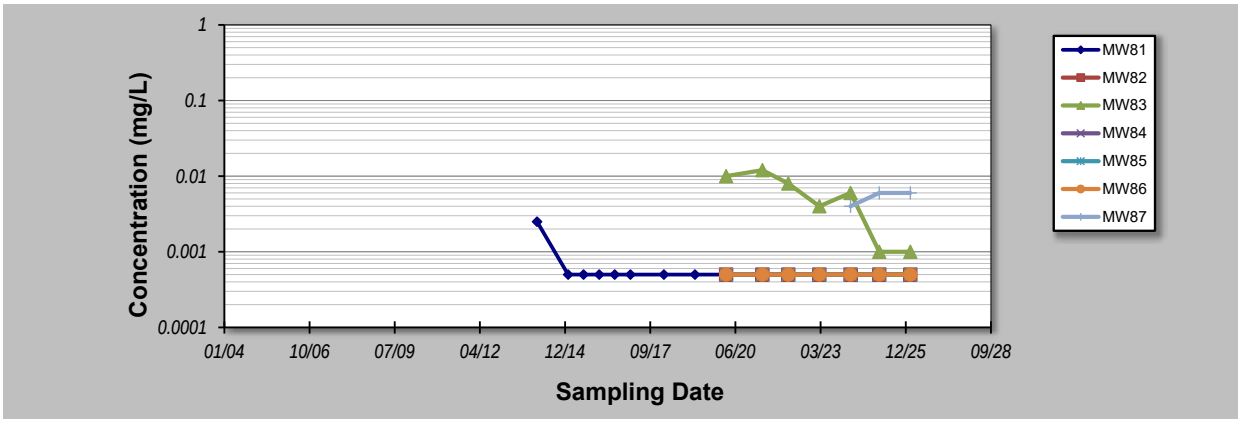
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Arsenic
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	ARSENIC CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	*0.0025*						
10	Feb-15	*0.0005*						
11	Aug-15	*0.0005*						
12	Feb-16	*0.0005*						
13	Aug-16	*0.0005*						
14	Feb-17	*0.0005*						
15	Mar-18	*0.0005*						
16	Mar-19	*0.0005*						
17	Mar-20	*0.0005*	*0.0005*	0.01	*0.0005*	*0.0005*	*0.0005*	
18	May-21	*0.0005*	*0.0005*	0.012	*0.0005*	*0.0005*	*0.0005*	
19	Mar-22	*0.0005*	*0.0005*	0.008	*0.0005*	*0.0005*	*0.0005*	
20	Mar-23	*0.0005*	*0.0005*	0.004	*0.0005*	*0.0005*	*0.0005*	
21	Mar-24	*0.0005*	*0.0005*	0.006	*0.0005*	*0.0005*	*0.0005*	0.004
22	Feb-25	*0.0005*	*0.0005*	0.001	*0.0005*	*0.0005*	*0.0005*	0.006
23	Feb-26	*0.0005*	*0.0005*	0.001	*0.0005*	*0.0005*	*0.0005*	0.006
24								
25								
Coefficient of Variation:		0.82	0.00	0.71	0.00	0.00	0.00	0.22
Mann-Kendall Statistic (S):		-14	0	-16	0	0	0	2
Confidence Factor:		73.7%	37.9%	99.0%	37.9%	37.9%	37.9%	
Concentration Trend:		Stable	Stable	Decreasing	Stable	Stable	Stable	



Notes:

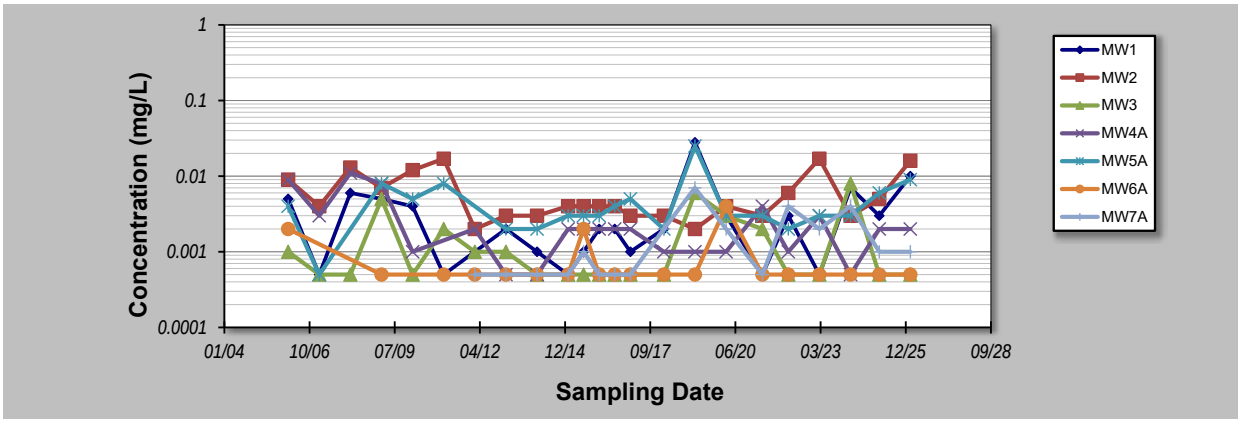
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Copper
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	COPPER CONCENTRATION (mg/L)						
1	Feb-06	0.005	0.009	0.001	0.009	0.004	0.002	
2	Feb-07	*0.0005*	0.004	*0.0005*	0.003	*0.0005*		
3	Feb-08	0.006	0.013	*0.0005*	0.011			
4	Feb-09	0.005	0.007	0.005	0.008	0.008	*0.0005*	
5	Feb-10	0.004	0.012	*0.0005*	0.001	0.005		
6	Feb-11	*0.0005*	0.017	0.002		0.008	*0.0005*	
7	Feb-12	0.001	0.002	0.001	0.002		*0.0005*	*0.0005*
8	Feb-13	0.002	0.003	0.001	*0.0005*	0.002	*0.0005*	*0.0005*
9	Feb-14	0.001	0.003	*0.0005*	*0.0005*	0.002	*0.0005*	*0.0005*
10	Feb-15	*0.0005*	0.004	*0.0005*	0.002	0.003	*0.0005*	*0.0005*
11	Aug-15	0.001	0.004	*0.0005*	0.002	0.003	0.002	0.001
12	Feb-16	0.002	0.004	*0.0005*	0.002	0.003	*0.0005*	*0.0005*
13	Aug-16	0.002	0.004	*0.0005*	0.002	0.004	*0.0005*	*0.0005*
14	Feb-17	0.001	0.003	*0.0005*	0.002	0.005	*0.0005*	*0.0005*
15	Mar-18	0.002	0.003	*0.0005*	0.001	0.002	*0.0005*	0.002
16	Mar-19	0.028	0.002	0.006	0.001	0.025	*0.0005*	0.007
17	Mar-20	0.003	0.004	0.003	0.001	0.003	0.004	0.002
18	May-21	*0.0005*	0.003	0.002	0.004	0.003	*0.0005*	*0.0005*
19	Mar-22	0.003	0.006	*0.0005*	0.001	0.002	*0.0005*	0.004
20	Mar-23	*0.0005*	0.017	*0.0005*	0.003	0.003	*0.0005*	0.002
21	Mar-24	0.007	0.003	0.008	*0.0005*	0.003	*0.0005*	0.004
22	Feb-25	0.003	0.005	0.0005	0.002	0.006	*0.0005*	0.001
23	Feb-26	0.01	0.016	0.0005	0.002	0.009	*0.0005*	0.001
24								
25								
Coefficient of Variation:		1.51	0.77	1.31	1.04	1.04	1.06	1.09
Mann-Kendall Statistic (S):		27	-17	-8	-51	20	-15	53
Confidence Factor:		75.2%	66.2%	57.3%	92.0%	71.5%	67.3%	98.5%
Concentration Trend:		No Trend	Stable	No Trend	Prob. Decreasing	No Trend	No Trend	Increasing



Notes:

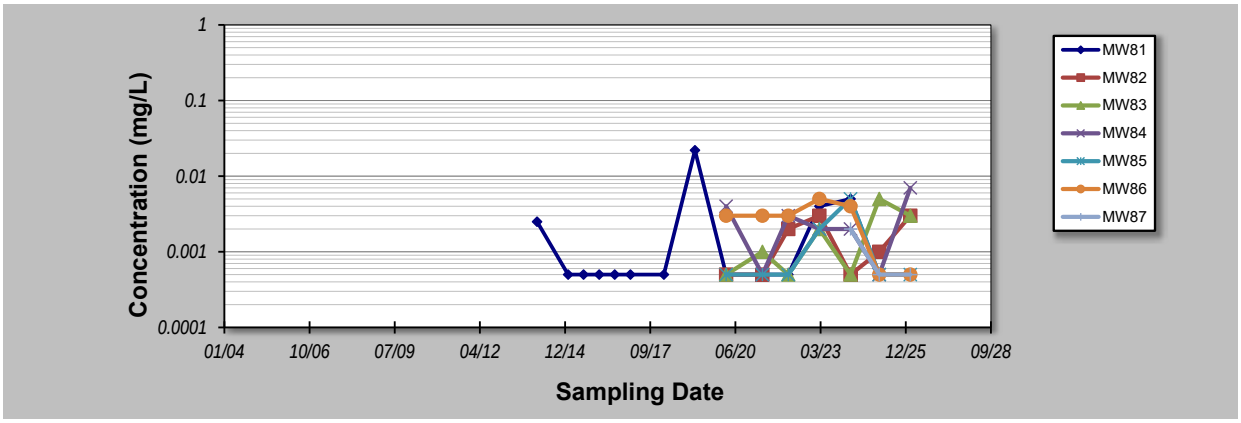
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Copper
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	COPPER CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	*0.0025*						
10	Feb-15	*0.0005*						
11	Aug-15	*0.0005*						
12	Feb-16	*0.0005*						
13	Aug-16	*0.0005*						
14	Feb-17	*0.0005*						
15	Mar-18	*0.0005*						
16	Mar-19	0.022						
17	Mar-20	*0.0005*	*0.0005*	*0.0005*	0.004	*0.0005*	0.003	
18	May-21	*0.0005*	*0.0005*	0.001	*0.0005*	*0.0005*	0.003	
19	Mar-22	*0.0005*	0.002	*0.0005*	0.003	*0.0005*	0.003	
20	Mar-23	0.004	0.003	0.002	0.002	0.002	0.005	
21	Mar-24	0.005	*0.0005*	*0.0005*	0.002	0.005	0.004	0.002
22	Feb-25	*0.0005*	0.001	0.005	*0.0005*	*0.0005*	*0.0005*	*0.0005*
23	Feb-26	*0.0005*	0.003	0.003	0.007	*0.0005*	*0.0005*	*0.0005*
24								
25								
Coefficient of Variation:		2.14	0.77	0.95	0.84	1.25	0.62	0.87
Mann-Kendall Statistic (S):		6	9	10	-1	3	-5	-2
Confidence Factor:		59.6%	88.1%	90.7%	50.0%	61.4%	71.9%	
Concentration Trend:		No Trend	No Trend	Prob. Increasing	Stable	No Trend	Stable	



Notes:

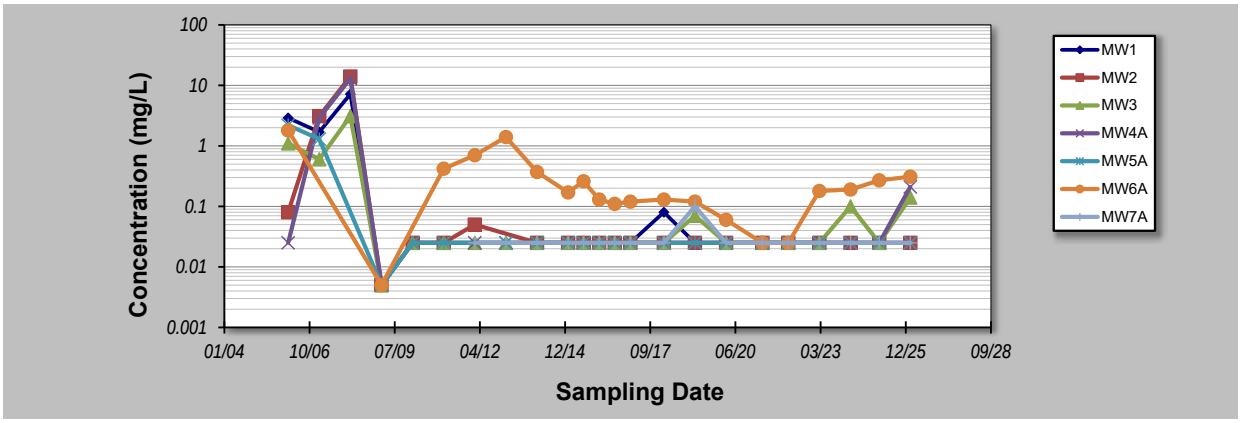
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Iron
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	IRON CONCENTRATION (mg/L)						
Sampling Point ID:		MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
1	Feb-06	2.9	0.08	1.1	0.025	2.2	1.8	
2	Feb-07	1.7	3.1	0.6	2.9	1.3		
3	Feb-08	7.2	14	3.1	13			
4	Feb-09	0.005	0.005	0.005	0.005	0.005	0.005	
5	Feb-10	0.025	0.025	0.025	0.025	0.025		
6	Feb-11	0.025	0.025	0.025		0.025	0.42	
7	Feb-12	0.025	0.05	0.025	0.025		0.7	0.025
8	Feb-13	0.025		0.025	0.025	0.025	1.4	0.025
9	Feb-14	0.025	0.025	0.025	0.025	0.025	0.37	0.025
10	Feb-15	0.025	0.025	0.025	0.025	0.025	0.17	0.025
11	Aug-15	0.025	0.025	0.025	0.025	0.025	0.26	0.025
12	Feb-16	0.025	0.025	0.025	0.025	0.025	0.13	0.025
13	Aug-16	0.025	0.025	0.025	0.025	0.025	0.11	0.025
14	Feb-17	0.025	0.025	0.025	0.025	0.025	0.12	0.025
15	Mar-18	0.08	0.025	0.025	0.025	0.025	0.13	0.025
16	Mar-19	0.025	0.025	0.07	0.025	0.025	0.12	0.1
17	Mar-20	0.025	0.025	0.025	0.025	0.025	0.06	0.025
18	May-21	0.025	0.025	0.025	0.025	0.025	0.025	0.025
19	Mar-22	0.025	0.025	0.025	0.025	0.025	0.025	0.025
20	Mar-23	0.025	0.025	0.025	0.025	0.025	0.18	0.025
21	Mar-24	0.025	0.025	0.1	0.025	0.025	0.19	0.025
22	Feb-25	0.025	0.025	0.025	0.025	0.025	0.27	0.025
23	Feb-26		0.025	0.14	0.21	0.025	0.31	0.025
24								
25								
Coefficient of Variation:		2.93	3.76	2.80	3.72	2.86	1.37	0.62
Mann-Kendall Statistic (S):		-35	-49	-1	0	-21	-47	2
Confidence Factor:		82.9%	91.1%	50.0%	48.9%	72.5%	93.2%	51.6%
Concentration Trend:		No Trend	Prob. Decreasing	No Trend	No Trend	No Trend	Prob. Decreasing	No Trend



Notes:

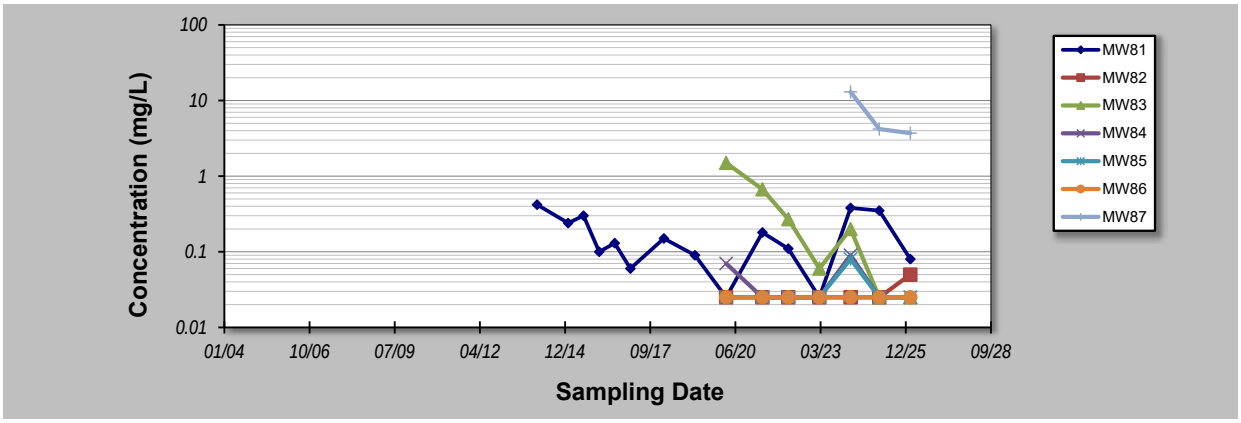
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:		Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Iron
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	IRON CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	0.42						
10	Feb-15	0.24						
11	Aug-15	0.3						
12	Feb-16	0.1						
13	Aug-16	0.13						
14	Feb-17	0.06						
15	Mar-18	0.15						
16	Mar-19	0.09						
17	Mar-20	*0.025*	*0.025*	1.5	0.07	*0.025*	*0.025*	
18	May-21	0.18	*0.025*	0.67	*0.025*	*0.025*	*0.025*	
19	Mar-22	0.11	*0.025*	0.27	*0.025*	*0.025*	*0.025*	
20	Mar-23	*0.025*	*0.025*	0.06	*0.025*	*0.025*	*0.025*	
21	Mar-24	0.38	*0.025*	0.2	0.09	0.08	*0.025*	13
22	Feb-25	0.35	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	4.2
23	Feb-26	0.08	0.05	*0.025*	*0.025*	*0.025*	*0.025*	3.7
24								
25								
Coefficient of Variation:		0.74	0.33	1.37	0.67	0.63	0.00	0.75
Mann-Kendall Statistic (S):		-22	6	-18	-3	2	0	-3
Confidence Factor:		84.8%	76.4%	99.7%	61.4%	55.7%	37.9%	
Concentration Trend:		Stable	No Trend	Decreasing	Stable	No Trend	Stable	



Notes:

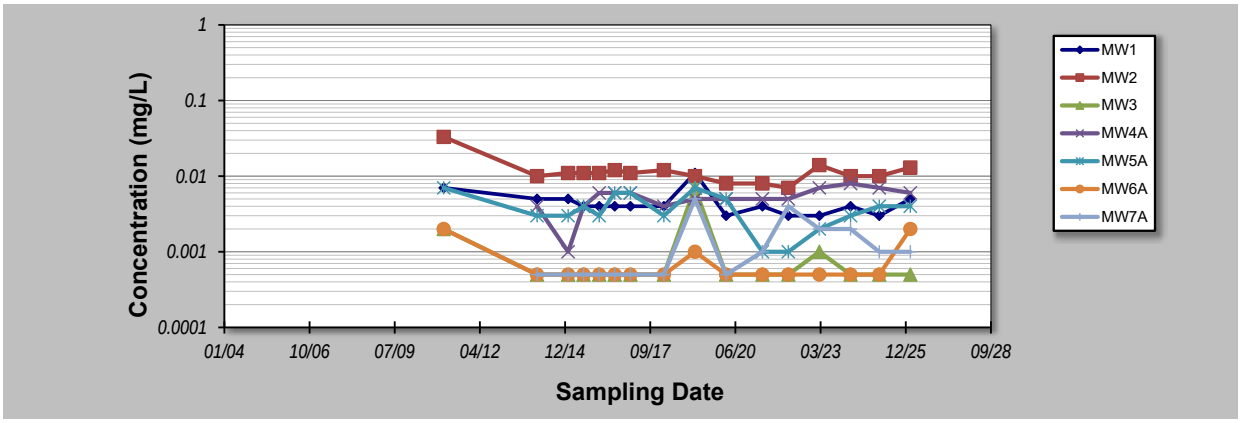
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Nickel
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
Sampling Event	Sampling Date	NICKEL CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11	0.007	0.033	0.002		0.007	0.002	
7	Feb-12							
8	Feb-13							
9	Feb-14	0.005	0.01	*0.0005*	0.004	0.003	*0.0005*	*0.0005*
10	Feb-15	0.005	0.011	*0.0005*	0.001	0.003	*0.0005*	*0.0005*
11	Aug-15	0.004	0.011	*0.0005*	0.004	0.004	*0.0005*	*0.0005*
12	Feb-16	0.004	0.011	*0.0005*	0.006	0.003	*0.0005*	*0.0005*
13	Aug-16	0.004	0.012	*0.0005*	0.006	0.006	*0.0005*	*0.0005*
14	Feb-17	0.004	0.011	*0.0005*	0.006	0.006	*0.0005*	*0.0005*
15	Mar-18	0.004	0.012	*0.0005*	0.004	0.003	*0.0005*	*0.0005*
16	Mar-19	0.011	0.01	0.007	0.005	0.007	0.001	0.005
17	Mar-20	0.003	0.008	*0.0005*	*0.005*	*0.005*	*0.0005*	*0.0005*
18	May-21	0.004	0.008	*0.0005*	0.005	0.001	*0.0005*	0.001
19	Mar-22	0.003	0.007	*0.0005*	0.005	0.001	*0.0005*	0.004
20	Mar-23	0.003	0.014	0.001	0.007	0.002	*0.0005*	0.002
21	Mar-24	0.004	0.01	*0.0005*	0.008	0.003	*0.0005*	0.002
22	Feb-25	0.003	0.01	*0.0005*	0.007	0.004	*0.0005*	0.001
23	Feb-26	0.005	0.013	*0.0005*	0.006	0.004	0.002	0.001
24								
25								
Coefficient of Variation:		0.44	0.49	1.59	0.32	0.49	0.72	1.05
Mann-Kendall Statistic (S):		-44	-20	-6	49	-18	1	43
Confidence Factor:		97.4%	80.1%	58.8%	99.2%	77.5%	50.0%	98.2%
Concentration Trend:		Decreasing	Stable	No Trend	Increasing	Stable	No Trend	Increasing



Notes:

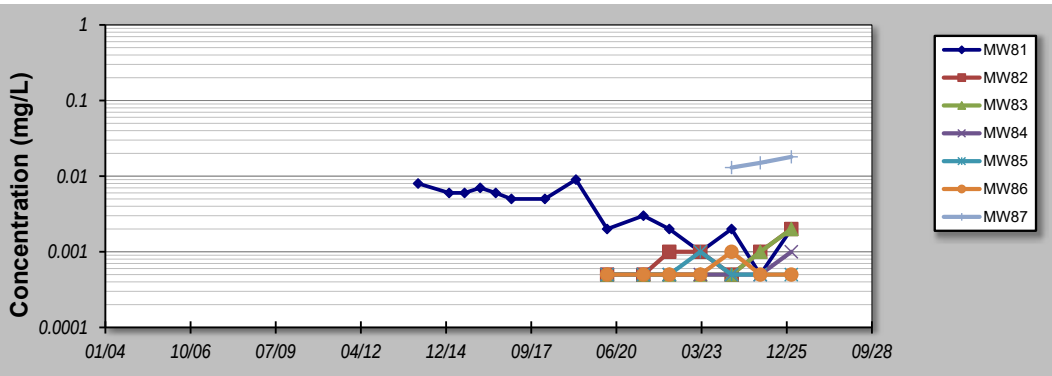
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Nickel
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	NICKEL CONCENTRATION (mg/L)						
Sampling Point ID:		MW81	MW82	MW83	MW84	MW85	MW86	MW87
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	0.008						
10	Feb-15	0.006						
11	Aug-15	0.006						
12	Feb-16	0.007						
13	Aug-16	0.006						
14	Feb-17	0.005						
15	Mar-18	0.005						
16	Mar-19	0.009						
17	Mar-20	0.002	*0.0005*	*0.0005*	*0.0005*	*0.0005*	*0.0005*	
18	May-21	0.003	*0.0005*	*0.0005*	*0.0005*	*0.0005*	*0.0005*	
19	Mar-22	0.002	0.001	*0.0005*	*0.0005*	*0.0005*	*0.0005*	
20	Mar-23	0.001	0.001	*0.0005*	*0.0005*	0.001	*0.0005*	
21	Mar-24	0.002	*0.0005*	*0.0005*	*0.0005*	*0.0005*	0.001	0.013
22	Feb-25	*0.0005*	0.001	0.001	*0.0005*	*0.0005*	*0.0005*	0.015
23	Feb-26	0.002	0.002	0.002	0.001	*0.0005*	*0.0005*	0.018
24								
25								
Coefficient of Variation:		0.62	0.58	0.72	0.33	0.33	0.33	0.16
Mann-Kendall Statistic (S):		-69	11	11	6	0	2	3
Confidence Factor:		>99.9%	93.2%	93.2%	76.4%	37.9%	55.7%	
Concentration Trend:		Decreasing	Prob. Increasing	Prob. Increasing	No Trend	Stable	No Trend	



Notes:

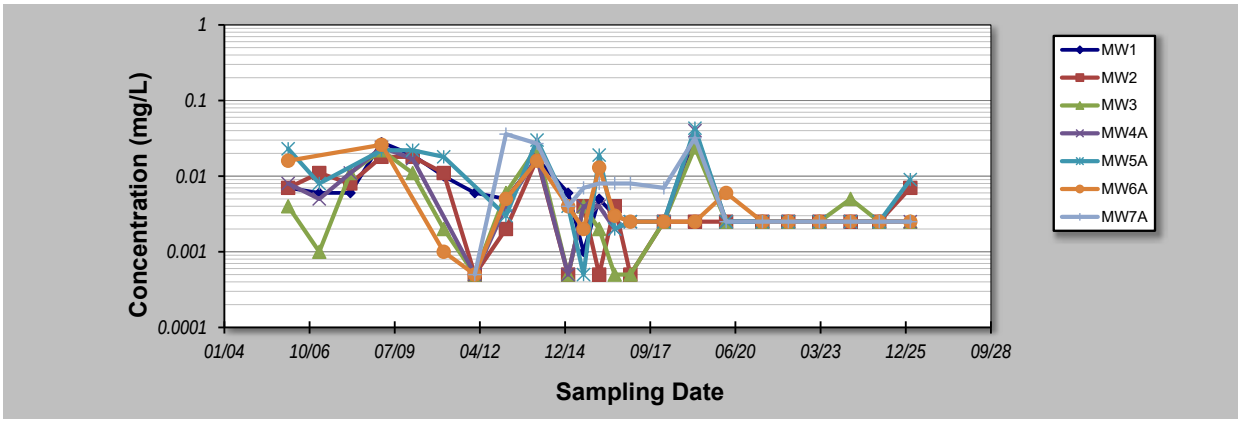
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Zinc
Conducted By:	LH	Concentration Units:	mg/L

Sampling Event	Sampling Date	ZINC CONCENTRATION (mg/L)						
Sampling Point ID:		MW1	MW2	MW3	MW4A	MW5A	MW6A	MW7A
1	Feb-06	0.007	0.007	0.004	0.008	0.023	0.016	
2	Feb-07	0.006	0.011	0.001	0.005	0.008		
3	Feb-08	0.006	0.008	0.011	0.011			
4	Feb-09	0.028	0.018	0.022	0.024	0.022	0.026	
5	Feb-10	0.019	0.018	0.011	0.017	0.022		
6	Feb-11	0.01	0.011	0.002		0.018	0.001	
7	Feb-12	0.006	*0.0005*	*0.0005*	*0.0005*		*0.0005*	0.0005
8	Feb-13	0.005	0.002	0.006	0.004	0.003	0.005	0.036
9	Feb-14	0.017	0.017	0.024	0.018	0.03	0.016	0.027
10	Feb-15	0.006	*0.0005*	*0.0005*	*0.0005*	0.004	0.004	0.004
11	Aug-15	0.001	0.004	0.004	0.004	*0.0005*	0.002	0.007
12	Feb-16	0.005	*0.0005*	0.002	0.004	0.019	0.013	0.008
13	Aug-16	0.003	0.004	*0.0005*	0.002	0.002	0.003	0.008
14	Feb-17	*0.0025*	*0.0005*	*0.0005*	*0.0025*	*0.0025*	*0.0025*	0.008
15	Mar-18	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	0.007
16	Mar-19	0.031	*0.0025*	0.024	0.04	0.043	*0.0025*	0.032
17	Mar-20	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	0.006	*0.0025*
18	May-21	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*
19	Mar-22	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*
20	Mar-23	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*
21	Mar-24	*0.0025*	*0.0025*	0.005	*0.0025*	*0.0025*	*0.0025*	*0.0025*
22	Feb-25	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*	*0.0025*
23	Feb-26	*0.0025*	0.007	*0.0025*	*0.0025*	0.009	*0.0025*	*0.0025*
24								
25								
Coefficient of Variation:		1.10	1.01	1.27	1.32	1.11	1.16	1.22
Mann-Kendall Statistic (S):		-126	-57	-14	-67	-65	-45	-49
Confidence Factor:		>99.9%	93.0%	63.3%	96.9%	97.4%	92.3%	97.7%
Concentration Trend:		Decreasing	Prob. Decreasing	No Trend	Decreasing	Decreasing	Prob. Decreasing	Decreasing



Notes:

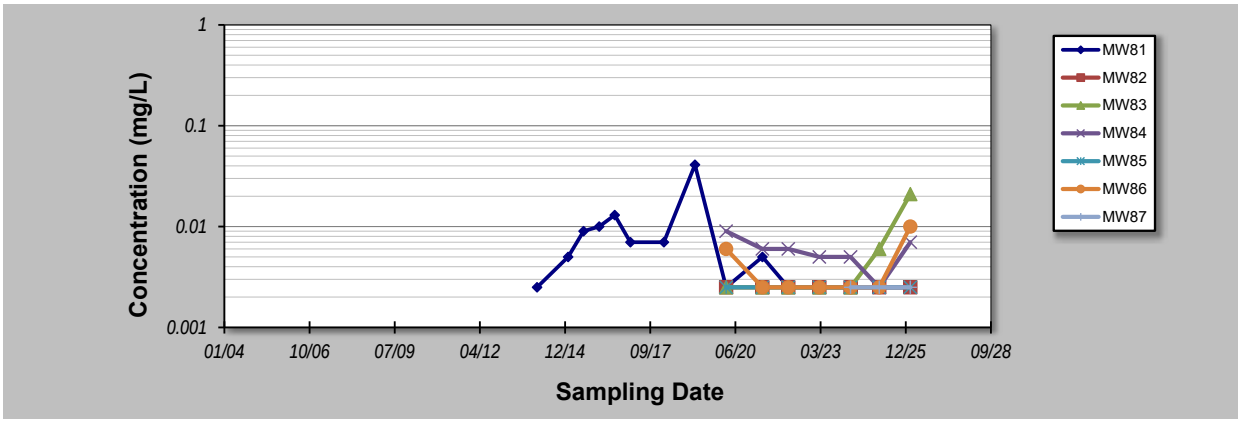
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Mar-26	Job ID:	AAQ 06 026.30
Facility Name:	Alice Springs Landfill	Constituent:	Zinc
Conducted By:	LH	Concentration Units:	mg/L

Sampling Point ID:	MW81	MW82	MW83	MW84	MW85	MW86	MW87
Sampling Event	Sampling Date	ZINC CONCENTRATION (mg/L)						
1	Feb-06							
2	Feb-07							
3	Feb-08							
4	Feb-09							
5	Feb-10							
6	Feb-11							
7	Feb-12							
8	Feb-13							
9	Feb-14	*0.0025*						
10	Feb-15	0.005						
11	Aug-15	0.009						
12	Feb-16	0.01						
13	Aug-16	0.013						
14	Feb-17	0.007						
15	Mar-18	0.007						
16	Mar-19	0.041						
17	Mar-20	*0.0025*	*0.0025*	*0.0025*	0.009	*0.0025*	0.006	
18	May-21	0.005	*0.0025*	*0.0025*	0.006	*0.0025*	*0.0025*	
19	Mar-22	*0.0025*	*0.0025*	*0.0025*	0.006	*0.0025*	*0.0025*	
20	Mar-23	*0.0025*	*0.0025*	*0.0025*	0.005	*0.0025*	*0.0025*	
21	Mar-24	*0.0025*	*0.0025*	*0.0025*	0.005	*0.0025*	*0.0025*	*0.0025*
22	Feb-25	*0.0025*	*0.0025*	0.006	*0.0025*	*0.0025*	*0.0025*	*0.0025*
23	Feb-26	*0.0025*	*0.0025*	0.021	0.007	*0.0025*	0.01	*0.0025*
24								
25								
Coefficient of Variation:		1.29	0.00	1.22	0.35	0.00	0.72	0.00
Mann-Kendall Statistic (S):		-36	0	11	-9	0	1	0
Confidence Factor:		95.9%	37.9%	93.2%	88.1%	37.9%	50.0%	
Concentration Trend:		Decreasing	Stable	Prob. Increasing	Stable	Stable	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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APPENDIX H
QA/QC ASSESSMENT

H.1 Field QA/QC Procedures

Field methodology

The field methodology described in Section 2 is considered appropriate and applicable to site conditions encountered during field works and water characteristics reported by the laboratories.

Sample preservation

The primary laboratory supplied clean bottles for groundwater samples and rinsate and field blank samples. The bottles were labelled prior to field work based on a predetermined sampling program. On site, the bottles were filled with water and stored in an esky with ice. At the end of the day samples were stored in a refrigerator if not sent to the laboratories. During transportation to the laboratories the samples were packed in eskies with ice and packaging to avoid damage.

Field Equipment Calibration

An Ion Phocheck Tiger PID with a 10.6eV gas discharge lamp was used on 12 and 13 February 2026. Fresh air calibrations and span calibrations using 100ppm isobutylene were performed at the start of the day and then when required.

Kennards Hire provided a YSI Pro Plus multi parameter water quality meter (WQM) which was used on 9, 10 and 11 February 2026 and a GA5000 landfill gas analyser which was used on 12 and 13 February 2026. Kennards calibrated all equipment prior to delivery. Copies of the calibration certificates for each instrument is provided in Appendix I.

H.2 Data Quality Indicators

H.2.1 Completeness

Completeness is expressed as a percentage of usable data from a data collection activity. The following factors were considered and assessed:

Field and laboratory considerations	Achieved
All critical locations sampled	Yes
All samples collected (e.g. all available wells, detention basins, leachate)	Groundwater – Yes Gas – No (six wells were not in service) Leachate – No (one well was dry) Surface Water – No (one ponds was dry)
Standard operating practices (SOPs) listed in Section 2 appropriate and complied with	Yes
Experienced field personnel utilised	Yes
Field documentation appropriate and complete	Yes
All critical samples analysed	Yes
All critical analytes analysed	Yes
Appropriate methods and practical quantification limits	Yes
Sample documentation complete	Yes
Sample holding times complied with	Generally (see below)

A review of reports provided by Eurofins indicated that sample holding times as specified by the laboratory were adhered to with the following exception:

- BOD exceeded their respective maximum stipulated laboratory holding time of 2 days due to transport time restrictions from Alice Springs to the laboratory (consistent with previous rounds of investigation at Alice Springs).
- Turbidity exceeded their respective maximum stipulated laboratory holding time of 2 days due to transport time restrictions from Alice Springs to the laboratory (consistent with previous rounds of investigation at Alice Springs).

Delayed analysis would not have significantly altered the BOD or turbidity results and hence the delayed analysis is considered acceptable.

Completeness is influenced by field performance issues (e.g. access, site restrictions, damage to sampling infrastructure) and laboratory performance issues (e.g. matrix interference, holding times). A percentage completeness of 95% is considered acceptable. The above assessment indicates that the achieved percentage completeness is over 95%.

H.2.2 Comparability

Comparability is expressed qualitatively to indicate that data may be considered to be equivalent for each sampling and analytical event.

Field and laboratory considerations	Results
Same SOPs used on each occasion	Standard operating practices as listed in Section 2
Experienced sampler	Environmental scientist with 29 years of experience
Climatic conditions (temperature, rainfall, wind)	No climatic influences
Same types of samples collected	Yes, specific laboratory prepared water bottles
Same analytical methods used (including clean-up)	Yes
Sample PQLs	Standard
Same laboratories	Yes
Same units	Yes

The above assessment indicates that data will be comparable to future sampling events conducted under similar conditions.

H.2.3 Representativeness

Representativeness is expressed qualitatively to indicate that data is representative of each medium present on the site.

Field and laboratory considerations	Achieved
Appropriate media sampled according to field observations	Yes
All media identified during field work sampled	Yes
All samples analysed according to field observations	Yes
Samples were reasonably homogeneous	Yes

The above assessment indicates that data is representative of each medium encountered on the site.

H.2.4 Precision

Precision is a quantitative measure of the variability of data.

Field and laboratory considerations	Achieved
Standard operating procedure appropriate and complied with	Yes
Analysis of intra and inter laboratory duplicates	Yes
Analysis of laboratory duplicates	Yes, refer below

Duplicate samples were collected to provide an indication of the reliability of the sampling and analysis process. Duplicate groundwater samples were analysed for the majority of parameters. Duplicate sample results are presented in the quality assessment data provided below.

Relative Percentage Differences (RPDs) for intra-laboratory (or field) and inter-laboratory duplicate samples were calculated and are also presented below.

Elevated RPDs were obtained for TOC and copper. Copper results were of the same order of magnitude while TOC results reflect the known variability of TOC in groundwater at low concentrations. In both cases, the inter-laboratory duplicates were lower than the primary values. Accordingly, while the elevated RPDs are noted, they are unlikely to affect the interpretation of groundwater quality as the most conservative values have been used for comparison with criteria.

Other calculated RPDs were within the acceptable limits of 0% to 50% for concentrations 10 to 30 times the limits of reporting and 0% to 30% for concentrations 30 times greater than the limits of reporting.

The above assessment indicates that observed data variability (or reproducibility) is acceptable.

H.2.5 Accuracy

Accuracy is a quantitative measure of the closeness of reported data to the true value. Bias could be introduced by chemicals during collection/handling or transport, from contaminated equipment, from contaminated reagent, during laboratory analysis, during laboratory preparation, during preparation or by the analytical method.

Field and laboratory considerations	Achieved
Standard operating procedure appropriate and complied with	Yes
Analysis of rinsates, field blanks and trip blanks	Yes
Analysis of laboratory method blanks, control samples, spike samples and duplicates	Yes, refer below
Analysis of laboratory prepared volatile trip spikes	No

Rinsate, field blank and trip blank samples were collected as follows:

Date	Rinsate collected from	Field blank collected	Trip blank used	Trip spike used
11/02/26	Filter & Syringe	Yes	Yes	No

The rinsate and trip blank results were all below the limits of reporting for all analytes. As the rinsate results were less than the limits of reporting the field blank sample was not analysed. A summary table of the results is provided at the end of this appendix.

During the analysis of samples, Eurofins conducted internal QA/QC procedures including the analysis of laboratory method blanks, control samples, spike samples and duplicates. Results of these QA/QC procedures complied with the laboratory's acceptance criteria as presented in its reports.

Laboratory reports with results for method blanks, control samples, spike samples and duplicates are provided in Appendix K.

H.3 Field QA/QC

The following information on field QA/QC is provided.

Issue	Achieved
Replicate samples are split in the field and submitted to two separate laboratories in accordance with the requirements of NEPM Schedule B3	Yes, refer to Section 2.5
The sampling program includes assessment of all relevant environmental media, i.e. groundwater	Yes
Sample collection, handling and transportation procedures are documented and appropriate	Yes, refer to Section 2.1
Sampling is representative of site conditions, based on the selection of appropriate numbers of sampling points and of samples from each relevant strata and material type	Yes, refer to Section 2
Experienced field team members	Yes, refer to Section H.2.2
Sampling methods	Yes, refer to Section 2.1
Evidence of appropriate decontamination procedures carried out between sampling events	Yes, refer to Section H.2.2
Completed purging records for each well, showing time, location, initials of sampler, duplicate locations, duplicate type, site observations and weather conditions	Yes, refer to Appendix D
Completed chain-of-custody documentation	Yes, refer to Section 2.6
A statement of duplicate frequency for intra-laboratory and inter-laboratory duplicate samples, appropriate splitting techniques and duplicate sample results	Yes, refer to Section 2.5
Field blank results, background sample results, rinsate sample results, laboratory-prepared trip spike results for volatile analytes and trip blank results	Results presented as tables in this appendix and on original lab reports in Appendix K. Background and trip spike samples were not analysed.

H.4 Laboratory QA/QC

The following information on laboratory QA/QC is provided.

Issue	Achieved
Appropriate methodologies for each potential contaminant in the matrix in laboratories accredited for those analyses by NATA	Yes, refer to Section 2.7
Appropriate practical quantitation limits (PQLs) for the chemicals of concern for use in the assessment of risk	Yes, refer to Section 2.7 and below
COCs, comparison of holding times, analytical methods, laboratory accreditation, laboratory performance	Yes, refer to Appendix K
Results of blind duplicate samples (intra laboratory duplicates)	Yes, refer Section H.2.4

The laboratory's limits of reporting for selected analytes (Cr^{6+}, OCPs, benzo(a)pyrene, phenols, PCB and some VOCs and SVOCs) were above ANZG 95% fresh water criteria and/or ANZECC livestock and/or ADWG health and aesthetic criteria. The results for these parameters were below the laboratory's limits of reporting. The higher limits of reporting are considered acceptable given that:

- All wells (background, down gradient of the sewage ponds and down gradient of the landfill) have the same results.
- There is no indication of leachate contamination in the water (discolouration, odour, ammonia, COD, ferrous iron, heavy metals) so it is unlikely that these less common chemicals would be present due to the landfill.
- OCPs, Phenols, PCB and B(a)P have very low solubilities and mobilities compared to more soluble common leachate chemicals such as ammonia, ferrous iron and heavy metals.

H.5 QA/QC Discussion

Quality assurance and quality control was conducted based upon Tierra Environment's environmental investigation principles to ensure that data of known quality is reported. The required scope of sample numbers, analytical testing and quality testing was achieved. Specific aspects of the investigation used to achieve appropriate QA/QC results are summarised below:

Field Procedures	The investigations, including the collection of duplicates, are of a standard that provides confidence in the quality of the samples collected. Field procedures were undertaken in accordance with NEPM requirements and EPA guidelines.
Analytical Procedures	The laboratories used for analytical work are NATA registered for the analyses undertaken. The laboratories' internal QA/QC results indicate that analytical information provided by the laboratories is reliable.
Sample Tracking	Chain of Custody documentation was used for the transport of all samples to the laboratories.
Sample Preservation and Storage	Samples were placed in containers supplied by the laboratories and placed in chilled eskies for transport to the laboratories.
Sample Holding Times	The required holding times were generally adhered to. Where exceedances were observed for BOD and turbidity, they were considered acceptable.
Data Transcription	Summary tables were generated from laboratory supplied CSV files using ESDAT software.
Laboratory Limits of Reporting	Some limits of reporting are above ANZG, ANZECC and ADWG criteria but they are considered acceptable as per Section H.4.
Field Equipment Calibration	The field equipment used was appropriately calibrated.
Intra Laboratory Duplicate Sample	The primary laboratory's processes by which its results are obtained are considered to be acceptable in terms of the precision /repeatability of those results.
Inter Laboratory Duplicate Sample	The primary laboratory's processes by which its results are obtained are considered to be acceptable in terms of their accuracy of those results (i.e. in terms of how close the results are to their 'true' value).
Rinsate and Field Blank Samples	The results for rinsates indicate that the equipment used for the collection of samples did not impact upon results.
Laboratory Internal Quality Control	Results obtained from laboratory internal quality control samples were within the acceptable limits of repeatability, chemical extraction and detection. Details of laboratory quality control measures are provided on laboratory certificates.

Based on the QA/QC information listed in this report, the results are considered to be of an appropriate standard and it is concluded that:

- field investigation and sample preservation methods are appropriate for the investigations reported
- the analytical methods used for site assessment are of appropriate precision and accuracy, and that the sensitivity and selectivity of the analytical methods are appropriate for the assessment of risks
- the precision and accuracy criteria set out in the QA/QC plan, for a given method and matrix, meet the performance expected of the reference method
- the quality of data supplied by the analytical laboratory meets the objectives of the testing laboratory's quality plan for blanks, spikes, control samples, laboratory duplicates and holding times

Intra-laboratory and Inter-laboratory Duplicate Sample Results

SDG	T2061	T2061		T2061	Interlab_D	
Sample ID	MW2-A	MW2-X	**RPD**	MW2-A	MW2-Y	**RPD**
Sample Date	9/02/2026	9/02/2026		9/02/2026	9/02/2026	

ChemName	Units	EQL						
BTEX								
Benzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Ethylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Toluene	µg/l	1	<1.0	1.0	0	<1.0	<1.0	0
Xylene (m & p)	µg/l	2	<2.0	<2.0	0	<2.0	<2.0	0
Xylene (o)	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Xylene Total	µg/l	3 (Primary): 1 (Interlab)	<3.0	<3.0	0	<3.0	<1.0	0
Inorganics								
Turbidity	NTU	1	1.3	1.2	8	1.3		
Alkalinity (Bicarbonate as CaCO3)	mg/l	20 (Primary): 5 (Interlab)	490.0	450.0	9	490.0	460.0	6
Alkalinity (Hydroxide) as CaCO3	mg/l	20	<20.0	<20.0	0	<20.0		
Alkalinity (total) as CaCO3	mg/l	20 (Primary): 5 (Interlab)	490.0	450.0	9	490.0	460.0	6
Carbonate as CaCO3	mg/l	10 (Primary): 5 (Interlab)	<10.0	<10.0	0	<10.0	<5.0	0
Nitrogen (Organic)	mg/l	0.2 (Primary): 0.1 (Interlab)	0.43	1.02	81	0.43	0.2	73
Ammonia as N	mg/l	0.01 (Primary): 0.005 (Interlab)	0.17	0.18	6	0.17	0.17	0
BOD	mg/l	5	<5.0	<5.0	0	<5.0		
Chloride	mg/l	1	1100.0	1100.0	0	1100.0	990.0	11
COD	mg/l	25 (Primary): 50 (Interlab)	25.0	<25.0	0	25.0	120.0	131
Ferrous Iron	mg/l	0.05	<0.05	<0.05	0	<0.05	<0.05	0
Kjeldahl Nitrogen Total	mg/l	0.2 (Primary): 0.1 (Interlab)	0.6	1.2	67	0.6	0.37	47
Sodium	mg/l	0.5	840.0	840.0	0	840.0		
Sulphate	mg/l	5 (Primary): 1 (Interlab)	2700.0	2800.0	4	2700.0	2500.0	8
TOC	mg/l	5 (Primary): 1 (Interlab)	**57.0**	**29.0**	**65**	**57.0**	**2.7**	**182**
Hardness as CaCO3	mg/l	5	2700.0	2700.0	0	2700.0		
MAH								
Total MAH	mg/l	0.003	<0.003	<0.003	0	<0.003		
Metals								
Arsenic (Filtered)	mg/l	0.001	<0.001	<0.001	0	<0.001	<0.001	0
Beryllium (Filtered)	mg/l	0.001 (Primary): 0.0005 (Interlab)	<0.001	<0.001	0	<0.001	<0.0005	0
Boron (Filtered)	mg/l	0.05	0.98	0.99	1	0.98		
Cadmium (Filtered)	mg/l	0.0002 (Primary): 0.0001 (Interlab)	<0.0002	<0.0002	0	<0.0002	<0.0001	0
Calcium	mg/l	0.5	590.0	590.0	0	590.0		
Chromium (hexavalent)	mg/l	0.005	<0.005	<0.005	0	<0.005	<0.005	0
Cobalt (Filtered)	mg/l	0.001	0.003	0.003	0	0.003	0.003	0
Copper (Filtered)	mg/l	0.001	0.016	0.01	46	**0.016**	**0.0069**	**79**
Ferric Iron	mg/l	0.05	<0.05	<0.05	0	<0.05	<0.05	0
Iron	mg/l	0.05	<0.05	<0.05	0	<0.05		
Lead (Filtered)	mg/l	0.001	<0.001	<0.001	0	<0.001	<0.001	0
Magnesium	mg/l	0.5	300.0	300.0	0	300.0		
Manganese (Filtered)	mg/l	0.005 (Primary): 0.001 (Interlab)	0.07	0.069	1	0.07	0.061	14
Mercury (Filtered)	mg/l	0.0001 (Primary): 0.00005 (Interlab)	0.0002	0.0002	0	0.0002	0.0005	77
Nickel (Filtered)	mg/l	0.001	0.013	0.012	8	0.013	0.012	8
Potassium	mg/l	0.5	32.0	32.0	0	32.0		
Selenium (Filtered)	mg/l	0.001	0.002	0.002	0	0.002	0.002	0
Zinc (Filtered)	mg/l	0.005 (Primary): 0.001 (Interlab)	0.007	<0.005	33	0.007	<0.001	150
Organochlorine Pesticides								
4,4-DDE	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
a-BHC	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Aldrin	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Aldrin + Dieldrin	µg/l	0.1	<5.0	<5.0	0	<5.0		
b-BHC	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
d-BHC	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
DDD	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
DDT	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
DDT+DDE+DDD	µg/l	0.1	<5.0	<5.0	0	<5.0		
Dieldrin	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Endosulfan I	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Endosulfan II	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Endosulfan sulphate	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Endrin	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Endrin aldehyde	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Endrin ketone	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
g-BHC (Lindane)	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Heptachlor	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Heptachlor epoxide	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Hexachlorobenzene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Methoxychlor	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0

SDG		T2061	T2061		T2061	Interlab_D	
Sample ID		MW2-A	MW2-X	**RPD**	MW2-A	MW2-Y	**RPD**
Sample Date		9/02/2026	9/02/2026		9/02/2026	9/02/2026	
ChemName	**Units**	**EQL**						
PAH								
Benzo[b+j]fluoranthene	mg/l	0.001	<0.001	<0.001	0	<0.001		
7,12-dimethylbenz(a)anthracene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Acenaphthene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Acenaphthylene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Acetophenone	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Anthracene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Benz(a)anthracene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Benzo(a) pyrene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Benzo(g,h,i)perylene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Benzo(k)fluoranthene	µg/l	1	<1.0	<1.0	0	<1.0		
Chrysene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Dibenz(a,h)anthracene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Fluoranthene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Fluorene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Indeno(1,2,3-c,d)pyrene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Naphthalene	mg/l	0.01 (Primary): 0.002 (Interlab)	<0.01	<0.01	0	<0.01	<0.001	0
Naphthalene	mg/l	0.001 (Primary): 0.002 (Interlab)	<0.001	<0.001	0	<0.001	<0.001	0
PAHs (Sum of total)	µg/l	1	<1.0	<1.0	0	<1.0		
Phenanthrene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Pyrene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<2.0	0
Phenols (Halogenated)								
2,3,4,6-tetrachlorophenol	µg/l	10 (Primary): 2 (Interlab)	<10.0	<10.0	0	<10.0	<2.0	0
2,4,5-trichlorophenol	µg/l	10 (Primary): 2 (Interlab)	<10.0	<10.0	0	<10.0	<2.0	0
2,4,6-trichlorophenol	µg/l	10 (Primary): 2 (Interlab)	<10.0	<10.0	0	<10.0	<2.0	0
2,4-dichlorophenol	µg/l	3 (Primary): 2 (Interlab)	<3.0	<3.0	0	<3.0	<2.0	0
2,6-dichlorophenol	µg/l	3 (Primary): 2 (Interlab)	<3.0	<3.0	0	<3.0	<2.0	0
2-chlorophenol	µg/l	3 (Primary): 2 (Interlab)	<3.0	<3.0	0	<3.0	<2.0	0
4-chloro-3-methylphenol	µg/l	10 (Primary): 5 (Interlab)	<10.0	<10.0	0	<10.0	<5.0	0
Pentachlorophenol	µg/l	10	<10.0	<10.0	0	<10.0	<10.0	0
Phenols (non-Halogenated)								
2,4-dimethylphenol	µg/l	3 (Primary): 2 (Interlab)	<3.0	<3.0	0	<3.0	<2.0	0
2,4-dinitrophenol	mg/l	0.03 (Primary): 0.02 (Interlab)	<0.03	<0.03	0	<0.03	<0.02	0
2-methylphenol	µg/l	3 (Primary): 2 (Interlab)	<3.0	<3.0	0	<3.0	<2.0	0
2-nitrophenol	µg/l	10 (Primary): 2 (Interlab)	<10.0	<10.0	0	<10.0	<2.0	0
3-&4-methylphenol	µg/l	6	<6.0	<6.0	0	<6.0		
4,6-Dinitro-2-methylphenol	µg/l	30 (Primary): 20 (Interlab)	<30.0	<30.0	0	<30.0	<20.0	0
4-nitrophenol	µg/l	30 (Primary): 20 (Interlab)	<30.0	<30.0	0	<30.0	<20.0	0
Phenol	µg/l	3 (Primary): 2 (Interlab)	<3.0	<3.0	0	<3.0	<2.0	0
Polychlorinated Biphenyls								
Arochlor 1016	µg/l	5	<5.0	<5.0	0	<5.0		
Arochlor 1221	µg/l	5	<5.0	<5.0	0	<5.0		
Arochlor 1232	µg/l	5	<5.0	<5.0	0	<5.0		
Arochlor 1242	µg/l	5	<5.0	<5.0	0	<5.0		
Arochlor 1248	µg/l	5	<5.0	<5.0	0	<5.0		
Arochlor 1254	µg/l	5	<5.0	<5.0	0	<5.0		
Arochlor 1260	µg/l	5	<5.0	<5.0	0	<5.0		
PCBs (Sum of total)	µg/l	5	<5.0	<5.0	0	<5.0		
TPH								
C10-C16	mg/l	0.05	<0.05	<0.05	0	<0.05	<0.05	0
C10-C16 less NAPHTHALENE (F2)	mg/l	0.05	<0.05	<0.05	0	<0.05	<0.05	0
C16-C34	mg/l	0.1	<0.1	<0.1	0	<0.1	<0.1	0
C34-C40	mg/l	0.1	<0.1	<0.1	0	<0.1	<0.1	0
C6 - C9	mg/l	0.02 (Primary): 0.01 (Interlab)	<0.02	<0.02	0	<0.02	<0.01	0
C10 - C14	mg/l	0.05	<0.05	<0.05	0	<0.05	<0.05	0
C15 - C28	mg/l	0.1	<0.1	<0.1	0	<0.1	<0.1	0
C29-C36	mg/l	0.1	<0.1	<0.1	0	<0.1	<0.1	0
+C10 - C36 (Sum of total)	mg/l	0.1 (Primary): 0.05 (Interlab)	<0.1	<0.1	0	<0.1	<0.05	0
C10 - C40 (Sum of total)	mg/l	0.1 (Primary): 0.05 (Interlab)	<0.1	<0.1	0	<0.1	<0.05	0
C6-C10 less BTEX (F1)	mg/l	0.02 (Primary): 0.01 (Interlab)	<0.02	<0.02	0	<0.02	<0.01	0
C6-C10	mg/l	0.02 (Primary): 0.01 (Interlab)	<0.02	<0.02	0	<0.02	<0.01	0

SDG		T2061	T2061		T2061	Interlab_D	
Sample ID		MW2-A	MW2-X	**RPD**	MW2-A	MW2-Y	**RPD**
Sample Date		9/02/2026	9/02/2026		9/02/2026	9/02/2026	
ChemName	**Units**	**EQL**						
SVOCs								
1,2,3,4-tetrachlorobenzene	mg/l	0.005	<0.005	<0.005	0	<0.005		
1,2,3,5-Tetrachlorobenzene	mg/l	0.005	<0.005	<0.005	0	<0.005		
1,2,3-trichlorobenzene	µg/l	5 (Primary): 1 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
1,2,4,5-tetrachlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0		
1,2,4-trichlorobenzene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
1,3,5-Trichlorobenzene	µg/l	5	<5.0	<5.0	0	<5.0		
Pentachlorobenzene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Pronamide	µg/l	5	<5.0	<5.0	0	<5.0		
Trifluralin	mg/l	0.005	<0.005	<0.005	0	<0.005		
Benzyl chloride	mg/l	0.005	<0.005	<0.005	0	<0.005		
Hexachlorobutadiene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
Hexachlorocyclopentadiene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Hexachloroethane	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
2,4-Dinitrotoluene	µg/l	5	<5.0	<5.0	0	<5.0		
2,6-dinitrotoluene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
2,4-& 2,6-Dinitrotoluene	mg/l	0.005	<0.005	<0.005	0	<0.005		
Nitrobenzene	µg/l	50 (Primary): 5 (Interlab)	<50.0	<50.0	0	<50.0	<5.0	0
2-Picoline	µg/l	5	<5.0	<5.0	0	<5.0		
4-aminobiphenyl	µg/l	5	<5.0	<5.0	0	<5.0		
Pentachloronitrobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
1-Chloronaphthalene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
2-chloronaphthalene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
2-methylnaphthalene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
3-methylcholanthrene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<2.0	0
Bis(2-ethylhexyl) phthalate	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<50.0	0
Butyl benzyl phthalate	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Diethylphthalate	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Dimethyl phthalate	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Di-n-butyl phthalate	µg/l	5 (Primary): 50 (Interlab)	<5.0	<5.0	0	<5.0	<50.0	0
Di-n-octyl phthalate	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
N-nitrosodi-n-butylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
N-nitrosodi-n-propylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
1-naphthylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
2-naphthylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Diphenylamine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
2-nitroaniline	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Aniline	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
3,3-Dichlorobenzidine	µg/l	5	<5.0	<5.0	0	<5.0		
4-(dimethylamino) azobenzene	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
4-bromophenyl phenyl ether	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
4-chlorophenyl phenyl ether	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Bis(2-chloroethoxy) methane	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Bis(2-chloroisopropyl) ether	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
Dibenz(a,j)acridine	mg/l	0.005	<0.005	<0.005	0	<0.005		
Dibenzofuran	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0
N-nitrosopiperidine	µg/l	5	<5.0	<5.0	0	<5.0	<5.0	0

SDG	T2061	T2061		T2061	Interlab_D	
Sample ID	MW2-A	MW2-X	**RPD**	MW2-A	MW2-Y	**RPD**
Sample Date	9/02/2026	9/02/2026		9/02/2026	9/02/2026	
ChemName	**Units**	**EQL**						
VOCs								
Vic EPA IWRG 621 CHC (Total)*	mg/l	0.005	<0.005	<0.005	0	<0.005		
Vic EPA IWRG 621 Other CHC (Total)*	mg/l	0.005	<0.005	<0.005	0	<0.005		
1,1,1,2-tetrachloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,1,1-trichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,1,2,2-tetrachloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,1,2-trichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,1-dichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,1-dichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,2,3-trichloropropane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,2,4-trimethylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,2-dibromoethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,2-dichlorobenzene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
1,2-dichlorobenzene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0
1,2-dichloroethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,2-dichloropropane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,3,5-trimethylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,3-dichlorobenzene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
1,3-dichlorobenzene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0
1,3-dichloropropane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
1,4-dichlorobenzene	µg/l	5 (Primary): 2 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
1,4-dichlorobenzene	µg/l	1 (Primary): 2 (Interlab)	<1.0	<1.0	0	<1.0	<1.0	0
Methyl Ethyl Ketone	µg/l	5	<5.0	<5.0	0	<5.0		
4-chlorotoluene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
4-Methyl-2-pentanone	µg/l	5	<5.0	<5.0	0	<5.0		
Acetone	mg/l	0.005	<0.005	<0.005	0	<0.005		
Allyl chloride	mg/l	0.001	<0.001	<0.001	0	<0.001		
Bromobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Bromochloromethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Bromodichloromethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Bromoform	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Bromomethane	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Carbon disulfide	µg/l	1	<1.0	<1.0	0	<1.0		
Carbon tetrachloride	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Chlorobenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Chlorodibromomethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Chloroethane	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Chloroform	µg/l	5 (Primary): 1 (Interlab)	<5.0	<5.0	0	<5.0	<1.0	0
Chloromethane	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
cis-1,2-dichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
cis-1,3-dichloropropene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Dibromomethane	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Dichlorodifluoromethane	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Dichloromethane	µg/l	5	<5.0	<5.0	0	<5.0		
Iodomethane	µg/l	1	<1.0	<1.0	0	<1.0		
Isopropylbenzene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Styrene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Trichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Tetrachloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
trans-1,2-dichloroethene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
trans-1,3-dichloropropene	µg/l	1	<1.0	<1.0	0	<1.0	<1.0	0
Trichlorofluoromethane	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0
Vinyl chloride	µg/l	5 (Primary): 10 (Interlab)	<5.0	<5.0	0	<5.0	<10.0	0

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**High RPDs are in bold (Acceptable RPDs for each EQL multiplier range are: 50 (10-30 x EQL); 30 (> 30 x EQL))
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

ASTC Regional Waste Management Facility
Environmental Performance
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Rinsate & Trip Blank
Sample Results

SDG	T2067	T2067
Field_ID	20260211RB1	20260211TB1
Sampled_Date	11/02/2026	11/02/2026
Sample_Type	Rinsate	Trip_B

ChemName	Units	EQL		
BTEX				
Benzene	µg/l	1		<1
Ethylbenzene	µg/l	1		<1
Toluene	µg/l	1		<1
Xylene (m & p)	µg/l	2		<2
Xylene (o)	µg/l	1		<1
Xylene Total	µg/l	3		<3
MAH				
Total MAH	mg/l	0.003		<0.003
Metals				
Arsenic (Filtered)	mg/l	0.001	<0.001	
Beryllium (Filtered)	mg/l	0.001	<0.001	
Boron (Filtered)	mg/l	0.05	<0.05	
Cadmium (Filtered)	mg/l	0.0002	<0.0002	
Chromium (hexavalent)	mg/l	0.005	<0.005	
Cobalt (Filtered)	mg/l	0.001	<0.001	
Copper (Filtered)	mg/l	0.001	<0.001	
Lead (Filtered)	mg/l	0.001	<0.001	
Manganese (Filtered)	mg/l	0.005	<0.005	
Mercury (Filtered)	mg/l	0.0001	<0.0001	
Nickel (Filtered)	mg/l	0.001	<0.001	
Selenium (Filtered)	mg/l	0.001	<0.001	
Zinc (Filtered)	mg/l	0.005	<0.005	
VOCs				
Vic EPA IWRG 621 CHC (Total)*	mg/l	0.005		<0.005
Vic EPA IWRG 621 Other CHC (Total)*	mg/l	0.005		<0.005
1,1,1,2-tetrachloroethane	µg/l	1		<1
1,1,1-trichloroethane	µg/l	1		<1
1,1,2,2-tetrachloroethane	µg/l	1		<1
1,1,2-trichloroethane	µg/l	1		<1
1,1-dichloroethane	µg/l	1		<1
1,1-dichloroethene	µg/l	1		<1
1,2,3-trichloropropane	µg/l	1		<1
1,2,4-trimethylbenzene	µg/l	1		<1
1,2-dibromoethane	µg/l	1		<1
1,2-dichlorobenzene	µg/l	1		<1
1,2-dichloroethane	µg/l	1		<1
1,2-dichloropropane	µg/l	1		<1
1,3,5-trimethylbenzene	µg/l	1		<1
1,3-dichlorobenzene	µg/l	1		<1
1,3-dichloropropane	µg/l	1		<1
1,4-dichlorobenzene	µg/l	1		<1
Methyl Ethyl Ketone	µg/l	5		<5
4-chlorotoluene	µg/l	1		<1
4-Methyl-2-pentanone	µg/l	5		<5
Acetone	mg/l	0.005		<0.005
Allyl chloride	mg/l	0.001		<0.001
Bromobenzene	µg/l	1		<1
Bromochloromethane	µg/l	1		<1
Bromodichloromethane	µg/l	1		<1
Bromoform	µg/l	1		<1
Bromomethane	µg/l	5		<5
Carbon disulfide	µg/l	1		<1
Carbon tetrachloride	µg/l	1		<1
Chlorobenzene	µg/l	1		<1
Chlorodibromomethane	µg/l	1		<1
Chloroethane	µg/l	5		<5
Chloroform	µg/l	5		<5
Chloromethane	µg/l	5		<5
cis-1,2-dichloroethene	µg/l	1		<1
cis-1,3-dichloropropene	µg/l	1		<1
Dibromomethane	µg/l	1		<1
Dichlorodifluoromethane	µg/l	5		<5
Dichloromethane	µg/l	5		<5
Iodomethane	µg/l	1		<1
Isopropylbenzene	µg/l	1		<1
Styrene	µg/l	1		<1
Trichloroethene	µg/l	1		<1
Tetrachloroethene	µg/l	1		<1
trans-1,2-dichloroethene	µg/l	1		<1
trans-1,3-dichloropropene	µg/l	1		<1
Trichlorofluoromethane	µg/l	5		<5
Vinyl chloride	µg/l	5		<5

APPENDIX I
CALIBRATION CERTIFICATES

KENNARDS HIRE

EQUIPMENT CERTIFICATION REPORT

PGN9003871 WATER QUALITY METER–MULTIFUNCTION (YSI PRO PLUS)

Plant Number: 177346 Serial Number: 24E103534

SENSOR	CALIBRATION DETAILS	SPAN 1	SPAN 2	TRACEABILITY	PASS
pH	pH 7.00 / pH 4.00	7.00 pH -19 mV pH ✓	4.00 pH 156 mV pH ✓	pH7: 431257 pH4: 425919	☑
Conductivity	12.88 mS/cm @ 25°C	12.88 mS/cm @ 26 °C	-	399853	☑
Dissolved Oxygen	Sodium Sulphite / Air	0% in Sodium Sulphite Solution	100% in Air	12389	☑
ORP	240 mV @ 25°C	240 mV @ 26 °C		pt A: 404206 pt B: 428646	☑

Battery Status 97 % Spare Batt Included ☑	Cal. Fluid Temperature 26.0 °C
Electrodes Cleaned and Checked ☑	Data Cleared.

Note: Calibration solution traceability information is available upon request.

Checked By: EC Date: 29 / 1 / 26 Signed:

Accessories List:

User's Manual	pH Sensor	Conductivity/ Temp Sensor
Dissolved Oxygen Sensor	Redox (ORP) Sensor	Flow Cell
User Guide	Stainless Steel Restrictor	Spare Batteries
Calibration Cup		

Tierra.

EQUIPMENT CERTIFICATION REPORT

KENNARDS HIRE

PGN9003823 GAS ANALYSER – LANDFILL — GA5000 / GEM5000

Plant Number: 234894 Serial Number: 4500158

SENSOR	CONCENTRATION	INSTRUMENT READING	TRACEABILITY	PASS
O2/Zero	Fresh air	20.9%	N/A	☑
CH4	60%	60.0 %	Lot # 302-4037 15380-3	☑ exp 04/30
CO2	40%	40.0 %	Lot # "	☐
O2	15%	15.0 %	Lot # MSA 30972	☐ exp 09/26
CO	60ppm	60 ppm	Lot # "	☐
H2S	20ppm	20 ppm	Lot # "	☐

Data Cleared ☑

Battery Status charged (%)	Temperature 26.0 °C
Electrical Test & Tag (AS/NZS 3760)	Inlet Filter Cleaned/Replaced

Note: Calibration traceability information is available upon request.

Checked By: EC Date: 29/01/26 Signed:

Accessories List:

User's Manual & USB	1x Gas Inlet Hoses	1X Gas Inlet Hose With Filter
1x Gas Inlet Hose & Clip Fitting	2x Spare Inlet Filters	1x Flow Through Desiccant
1x Wall Charger	Carry Pouch With Neck Strap	1x USB Comms Cable
Carry Transit Case	Calibration Certificate	

APPENDIX J
LANDFILL ENVIRONMENTAL RECORDS



TIERRA ENVIRONMENT

Scale (m)
0 50 100

Notes:

1. Base aerial photo from Aerometrex dated 3 May 2025.

2. Noise and dust monitoring locations are approximate and based on locations shown in the 2011 LEMP and 2000 LEMP.

Legend

N2/D2 Noise or Dust Monitoring Location

Landfill boundary

Figure 8 - Noise & Dust Monitoring Locations
Alice Springs Town Council Regional Waste Management Facility
Monitoring Report - February 2026

C:\Users\LaurenHarveyTierraEn\Tierra Environment\Shared - Projects\06\AAQ 06 023\30\Surfer\Fig 8 - 2026 - Dust and noise locations.srf

Revision A, 27 February 2026

ASTC Regional Waste Management Facility Environmental Performance Monitoring Report - February 2026

Particulate (PM10) Monitoring Data

Date	Day of week	Location	Particulate Monitoring Results (mg/m^3)				Site Condition
			Average	Minimum	Maximum	Time in hrs	Wind Direction
3/04/2025	Thu	D2	0.03	0.003	0.624	5:00	ESE
10/04/2025	Thu	D1	0.004	0.001	0.131	5:17	ESE
17/04/2025	Thu	D3	0.005	0.001	0.133	5:35	SE
13/05/2025	Tue	D3	0.007	0	0.195	6:00	SSE
21/05/2025	Wed	D2	0.05	0.003	1.59	5:38	SE
29/05/2025	Thu	D1	0	-0.001	0.054	5:43	E
4/06/2025	Wed	D2	0.05	0.001	0.83	5:36	E
13/06/2025	Fri	D3	0.005	0.001	0.075	5:45	SSE
18/06/2025	Wed	D3	0.005	0.001	0.092	5:16	E
25/06/2025	Wed	D1	0.011	0.004	0.192	5:35	SE
10/07/2025	Thu	D2	0.038	0.002	8.61	5:36	SSE
24/07/2025	Thu	D3	0.01	0.002	0.143	5:52	SE
1/08/2025	Fri	D3	0.005	0	0.12	6:00	ESE
8/08/2025	Fri	D2	0.001	0	0.039	5:47	SE
14/08/2025	Thu	D2	0.021	0.001	0.853	5:18	E
5/09/2025	Fri	D3	0.007	0.003	0.039	6:00	NE
24/09/2025	Wed	D2	0.011	0.001	0.134	6:00	E
1/10/2025	Wed	D3	0.046	0.043	0.163	6:00	E
3/10/2025	Fri	D3	0.008	0.003	0.117	6:00	ENE
9/10/2025	Thu	D2	0.037	0.005	1.21	5:46	ESE
16/10/2025	Thu	D1	0.004	0.001	0.11	6:00	E
24/10/2025	Fri	D2	0.009	0.003	0.197	6:00	SSW
30/10/2025	Thu	D3	0.003	0	0.031	6:00	NW
6/11/2025	Thu	D3	0.011	0.002	0.055	6:00	NNW
12/11/2025	Wed	D1	0.006	0.002	0.09	6:00	E
20/11/2025	Thu	D3	0.004	0.002	0.085	6:00	N
27/11/2025	Thu	D3	0.009	0.002	0.213	5:45	SE
3/12/2025	Wed	D2	0.024	0.018	0.628	6:00	E
5/12/2025	Fri	D1	0.008	0.002	0.079	6:00	W
11/12/2025	Thu	D3	0.01	0.004	0.274	6:00	SE
12/12/2025	Fri	D1	-0.038	-0.047	0.589	5:46	NE
15/12/2025	Mon	D2	0.023	0.002	0.479	6:00	SE
17/12/2025	Wed	D3	0.01	0.005	0.043	6:00	E
18/12/2025	Thu	D2	0.024	0.004	3.16	4:00	NE
23/12/2025	Tue	D3	0.012	0.003	0.323	6:00	NE
31/12/2025	Wed	D1	0.007	0.003	0.0039	6:00	ESE

ASTC Regional Waste Management Facility Environmental Performance Monitoring Report - February 2026

Noise, Odour and Litter Monitoring Data

Date	Location	Noise Monitoring			Site Condition				
		over 65 dB	over 80 dB	over 95 dB	Odour Landfill	Odour Pond	Litter	Wind	Wind Direction
3/04/2025	N3	17.33%	0.00%	0.00%	Y	Y	Y	24kph	ESE
10/04/2025	N2	20.00%	0.33%	0.00%	N	N	N	22kph	ESE
17/04/2025	N3	13.66%	0.33%	0.00%	N	N	N	18kph	SE
13/05/2025	N1	20.00%	0.33%	0.33%	N	N	N	18kph	SSE
21/05/2025	N4	97.59%	24.01%	0.39%	Y	N	N	22kph	SE
29/05/2025	N2	21.51%	0.30%	0.00%	N	N	Y	20kph	E
4/06/2025	N1	60.36%	0.30%	0.00%	Y	N	N	11kph	E
13/06/2025	N1	6.10%	0.29%	0.00%	N	N	Y	10kph	SSE
18/06/2025	N4	0.62%	0.00%	0.00%	Y	N	N	19kph	E
25/06/2025	N2	3.71%	0.30%	0.00%	Y	Y	N	18kph	SE
10/07/2025	N4	0.29%	0.29%	0.00%	Y	N	N	19kph	SSE
24/07/2025	N1	15.95%	5.69%	0.85%	N	N	N	18kph	SE
1/08/2025	N2	11.79%	0.28%	0.00%	N	N	N	18kph	ESE
8/08/2025	N1	57.43%	0.29%	0.00%	N	N	N	17kph	SE
14/08/2025	N4	0.00%	0.00%	0.00%	Y	Y	N	17kph	E
5/09/2025	N1	18.35%	0.26%	0.00%	N	N	N	8kph	NE
24/09/2025	N3	0.00%	0.00%	0.00%	N	N	N	10kph	E
1/10/2025	N1	3.63%	0.24%	0.00%	N	N	N	20kph	E
3/10/2025	N1	0.26%	0.00%	0.00%	N	N	N	24kph	ENE
9/10/2025	N3	0.00%	0.00%	0.00%	Y	Y	N	20kph	ESE
16/10/2025	N4	0.28%	0.28%	0.00%	N	N	N	8kph	E
24/10/2025	N2	0.00%	0.00%	0.00%	N	Y	N	20kph	SSW
30/10/2025	N1	0.23%	0.00%	0.00%	N	N	N	20kph	NW
6/11/2025	N1	14.93%	0.00%	0.00%	N	N	N	22kph	NNW
12/11/2025	N1	4.42%	0.00%	0.00%	N	N	N	20kph	E
20/11/2025	N2	0.54%	0.00%	0.00%	N	N	N	15kph	N
27/11/2025	N1	0.85%	0.28%	0.00%	Y	Y	N	15kph	SE
3/12/2025	N4	0.27%	0.00%	0.00%	Y	N	N	13kph	E
5/12/2025	N2	0.27%	0.00%	0.00%	N	N	N	19kph	W
11/12/2025	N1	0.00%	0.00%	0.00%	N	N	N	20kph	SE
12/12/2025	N2	27.70%	0.00%	0.00%	N	N	N	15kph	NE
15/12/2005	N3	1.25%	0.00%	0.00%	N	Y	N	22kph	SE
17/12/2025	N1	0.25%	0.00%	0.00%	N	N	N	19kph	E
18/12/2025	N4	0.28%	0.00%	0.00%	N	N	N	15kph	NE
23/12/2025	N1	0.27%	0.00%	0.00%	N	N	N	19kph	NE
31/12/2025	N2	46.33%	26.17%	0.00%	Y	Y	N	20kph	ESE

Alice Springs landfill

Landfill Environmental Monitoring Record

Surface Water

General

Person conducting monitoring: Daryl Burrows

Organisation/Position: Tierra Principal Scientist

Date of Monitoring 12 February 2026

Tierra Project Number AAQ-06-023.30

Summary of Inspection of Stormwater Ponds[(2)]

Substantial rain fell during the site visit and at the time of undertaking this inspection all stormwater ponds were near full except SW1 which was empty. Drainage lines were flowing during the inspection and were functioning as intended and were in good condition. Vegetation cover on side slopes and in drainage lines was good and erosion, even during the significant rain event was minimal as a result.

Monitoring Record Completed by: _____ *Signature* 12 Feb 2026 *Date*

Monitoring Record Received by Tierra Environment Not applicable *Signature* NA *Date*

Alice Springs Landfill

Landfill Environmental Monitoring Record

Odour

***Date of Monitoring*[1]**

Inspection: 12 February 2026 9:00am

Person conducting monitoring: Daryl Burrows

Organisation/Position: Tierra Principal Scientist

Observations[2]:

Location N1: No odour
Wind from south, south west

Location N2: No odour from landfill but sewage ponds are noticeable

Location N3: No odour from landfill but sewage ponds are noticeable

Location N4: No odour

Inspection: 12 February 2026 11:30am

Person conducting monitoring: Daryl Burrows

Organisation/Position: Tierra Principal Scientist

Observations[2]:

Location N1: No odour
Wind from south

Location N2: No odour from landfill but sewage ponds are noticeable

Location N3: No odour from landfill but sewage ponds are noticeable

Location N4: No odour

Inspection: 12 February 2026 3:00pm

Person conducting monitoring: Daryl Burrows

Organisation/Position: Tierra Principal Scientist

Observations[2]:

Location N1: No odour
Wind from south, south east

Location N2: No odour from landfill but sewage ponds are noticeable

Location N3: No odour from landfill but sewage ponds are noticeable

Location N4: No odour

Notes:
1. Monitoring to be conducted at random intervals averaging 12 monitoring events per year.
2. Classify odours as either 'No Odour', 'Slight Odour' or 'Strong Odour'.

Monitoring Record Completed by: _____ (*Signature*) 12 Feb 2026 (*Date*)

Monitoring Record Received by Tierra Environment Not applicable (*Signature*) NA (*Date*)

Alice Springs Landfill

Landfill Environmental Monitoring Record

Litter

General

Person conducting monitoring: Daryl Burrows

Organisation/Position: Tierra Principal Scientist

Date of monitoring[1]: 12 February 2026

Tierra project Number AAQ-06-023.30

Inspection of Site

The active filling area is suitably small and being pushed out and compacted as material is placed. Recently filled areas have been well covered with daily cover. The recycling area to the west of the filling area (where metals, concrete and timber are recycled) is well ordered with clearly marked rows/piles of consistent material.

Other observations

In general, the landfill is in neat and tidy condition and access roads are well maintained. There was however significant rainfall which made the roads temporarily impassable and they were closed before damage was caused. There was a large pile of tyres that was shredded with the new shredder. The volume reduction was significant. While there was significant rain there was very little litter in the detention basins which was unexpected.

Inspection of Boundary Fence

Minor litter on landfill slopes. Does not appear to be significant and is old (deteriorated) and stuck in vegetation (so not blowing around).

Inspection of Adjacent Properties

Observations No significant litter associated with the landfill operations (i.e. no significant windblown debris).

Note: 1. Monitoring to be conducted during annual monitoring event.

Monitoring Record Completed by: _____ (*Signature*) 12 Feb 2026 (*Date*)

Monitoring Record Received by Tierra Environment Not applicable (*Signature*) NA (*Date*)

Alice Springs Landfill

Landfill Environmental Monitoring Record

Weeds/Pests Landscaping/Erosion

General

Person conducting monitoring: Daryl Burrows

Organisation/Position: Tierra Principal Scientist

Date of Monitoring[1]: 12 February 2026

Tierra Project Number AAQ-06-023.30

Weeds[2]

Weeds are generally quite wide spread across the landfill and side slopes. Side slopes and the top of the landfill are well vegetated with the top having mainly weeds. While weeds are dominant in some areas this does not seem to be an issue as it has stabilised the surface well and this has been confirmed with the side slopes and drainage channels holding up well during the significant rains at the time of observation.

Pests[2]

Bird numbers (eagles and crows) were again low which is consistent with the fact that the active filling area is small and compacting and covering is continuous throughout the day.

Landscaping[2]

Vegetation on side slopes and the top surface is likely a mix of native vegetation and weeds and are currently brown due to the lack of recent rains. They are likely currently not growing but likely still adequately stabilising the surface cover. Weeds should not be removed unless a program of revegetation with alternate natives is proposed otherwise particularly on the side slopes increased erosion may occur.

Erosion[2]

Erosion control at present appears good. Adequate vegetation on the side slopes appears to be assisting the slope stability. During the observation period there was multiple significant rain events and it was difficult to see any obvious indications of erosion.

Monitoring Record Completed by: _____ (*Signature*) 12 Feb 2026 (*Date*)

Monitoring Record Received by Tierra Environment Not applicable (*Signature*) NA (*Date*)

APPENDIX K
LABORATORY REPORTS

CHAIN OF CUSTODY RECORD

eurofins | mgt

CLIENT DETAILS

Page 1 of 1

Company Name : Tierra Environment	Contact Name : Daryl Burrows	Purchase Order : NA	COC Number : T2160
Office Address :	Project Manager : Daryl Burrows	Project Number : AAQ 06 023.30	QUOTE ID : 250120TIES
	Email for results : general@tierra.com.au	Project Name : Alice Springs Landfill	Esdat

Special Directions & Comments :

*Metals to consist of Sb, As, Ba, Be, Cd, Cr, Cr3+, Cr6+, Co, Cu, Fe (total) Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn

Laboratory Address

Eurofins - Melbourne
6 Monterey Road, Dandenong South, VIC 3175
Phone: 03 8584 5000
Fax: 03 8564 5090
Email: EnviroSampleVic@eurofins.com

	Sample ID	Date	Matrix	Turbidity	B11E: Anion Suite - Chloride, SO4, Alkalinity	B11D: Cation Suite – NA, K, Ca, Mg, Hardness	Organic N (Ammonia, TKN, Organic N)	TOC	BOD 5 Day	COD	M13 - Metals*	Ferrous/Ferric Fe Speciation	PAH	PCB	TRH	SVV: SVOC, VOC	VOC	Containers 500P	250A	100P	250A	VIAL	125mL A	Jar	Sample Comments
1	MW4-A	09-Feb-26	Water	x	x	x	x	x	x	x	x	x		x	x	x		2	1	4		3	1		
2	MW87-A	09-Feb-26	Water	x	x	x	x	x	x	x	x	x		x	x	x		2	1	4		3	1		
3	SW2-A	09-Feb-26	Water	x	x	x	x	x	x	x	x	x		x	x	x		2	1	4		3	1		
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									

Relinquished By: Daryl Burrows	Laboratory Staff Adelaide	Laboratory Staff Melbourne	Turn around Time	Method Of Shipment
Date & Time : 9/02/26 11:30am	Received By:	Received By:	24 Hrs 48 Hrs	[x] Courier
Signature:	Date & Time :	Date & Time :	[5 Days] 10 Days	[ ] Hand Delivered
	Signature:	Signature:		[ ] Postal
	Report Number :	Report Number :		

#132 1768 = 10/2/26

Tierra Environmental Pty Ltd
PO Box 360
Mitcham
SA 5062

NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Daryl Burrows**

Report **1321768-W**
Project name Alice Springs Landfill
Project ID AAQ 06 023.30
Received Date Feb 10, 2026

Client Sample ID			**MW4-A**	**MW87-A**	**SW2-A**
Sample Matrix			**Water**	**Water**	**Water**
Eurofins Sample No.			**M26-Fe0028503**	**M26-Fe0028504**	**M26-Fe0028505**
Date Sampled			**Feb 09, 2026**	**Feb 09, 2026**	**Feb 09, 2026**
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	1.2	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	0.2	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	1.4	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	0.10	< 0.05
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	< 0.05	0.1	< 0.05
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	1.3	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	1.4	< 0.1
Volatile Organics					
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	0.011
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001

Client Sample ID			MW4-A	MW87-A	SW2-A
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0028503	M26-Fe0028504	M26-Fe0028505
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026
Test/Reference	LOR	Unit			
Volatile Organics					
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	93	106	96
Toluene-d8 (surr.)	1	%	119	92	125
Polychlorinated Biphenyls					
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	70	89	90
Tetrachloro-m-xylene (surr.)	1	%	107	107	112

Client Sample ID			MW4-A	MW87-A	SW2-A
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0028503	M26-Fe0028504	M26-Fe0028505
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026
Test/Reference	LOR	Unit			
Semivolatile Organics					
Aldrin and Dieldrin (Total)*	0.0001	mg/L	< 0.005	< 0.005	< 0.005
DDT + DDE + DDD (Total)*	0.0001	mg/L	< 0.005	< 0.005	< 0.005
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	121	121	119
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	89	87	93
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005
2.4-Dinitrotoluene + 2.6-Dinitrotoluene*	0.005	mg/L	< 0.005	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005

Client Sample ID			MW4-A	MW87-A	SW2-A
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0028503	M26-Fe0028504	M26-Fe0028505
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026
Test/Reference	LOR	Unit			
Semivolatile Organics					
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Nitrobenzene	0.05	mg/L	< 0.05	< 0.05	< 0.05
Nitrobenzene-d5 (surr.)	1	%	114	118	116
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005

Client Sample ID			MW4-A	MW87-A	SW2-A
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0028503	M26-Fe0028504	M26-Fe0028505
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026
Test/Reference	LOR	Unit			
Semivolatile Organics					
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	75	78	86
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005
Haloethers					
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005
Ammonia (as N)	0.01	mg/L	0.04	1.3	0.14
Biochemical Oxygen Demand (BOD-5 Day)	5	mg/L	< 5	< 5	< 5
Chemical Oxygen Demand (COD)	25	mg/L	28	71	32
Chloride	1	mg/L	510	1100	33
Chromium (hexavalent)	0.005	mg/L	< 0.005	< 0.005	< 0.005
Ferric Iron - Fe3+	0.05	mg/L	< 0.05	0.60	1.3
Ferrous Iron - Fe2+	0.05	mg/L	0.20	3.1	< 0.05
Organic Nitrogen (as N)*	0.2	mg/L	0.56	0.8	0.76
Sulphate (as SO4)	5	mg/L	2100	1800	32
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	0.6	2.1	0.9
Total Organic Carbon	5	mg/L	54	110	23
Turbidity	1	NTU	17	130	60
Hardness mg equivalent CaCO3/L	5	mg/L	1700	2100	83
Alkalinity (speciated)					
Bicarbonate Alkalinity (as CaCO3)	20	mg/L	390	550	85
Carbonate Alkalinity (as CaCO3)	10	mg/L	< 10	< 10	< 10
Hydroxide Alkalinity (as CaCO3)	20	mg/L	< 20	< 20	< 20
Total Alkalinity (as CaCO3)	20	mg/L	390	550	85
Heavy Metals					
Arsenic (filtered)	0.001	mg/L	< 0.001	0.006	0.001
Beryllium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001
Boron (filtered)	0.05	mg/L	0.94	1.1	< 0.5
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002
Cobalt (filtered)	0.001	mg/L	0.008	0.003	< 0.001
Copper (filtered)	0.001	mg/L	0.002	< 0.001	0.005
Iron	0.05	mg/L	0.21	3.7	1.3
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001
Manganese (filtered)	0.005	mg/L	0.83	1.3	0.036
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.006	0.018	0.001
Selenium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001
Zinc (filtered)	0.005	mg/L	< 0.005	< 0.005	0.012

Client Sample ID			MW4-A	MW87-A	SW2-A
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0028503	M26-Fe0028504	M26-Fe0028505
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026
Test/Reference	LOR	Unit			
Alkali Metals					
Calcium	0.5	mg/L	330	400	28
Magnesium	0.5	mg/L	220	280	3.5
Potassium	0.5	mg/L	18	4.9	5.7
Sodium	0.5	mg/L	730	810	31

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Melbourne	Feb 11, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 11, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 11, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Volatile Organics	Melbourne	Feb 11, 2026	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices (USEPA 8260)			
Semivolatile Organics	Melbourne	Feb 11, 2026	7 Days
- Method: USEPA SW 846 8270			
Polychlorinated Biphenyls	Melbourne	Feb 11, 2026	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8082)			
Biochemical Oxygen Demand (BOD-5 Day)	Melbourne	Feb 11, 2026	2 Days
- Method: LTM-INO-4010 Biochemical Oxygen Demand (BOD5) in Water			
Chemical Oxygen Demand (COD)	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-INO-4220 Determination of COD in Water			
Total Organic Carbon	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-INO-4060 Total Organic Carbon in water and soil			
Turbidity	Melbourne	Feb 11, 2026	2 Days
- Method: Turbidity by classical using APHA 2130B (LTM-INO-4140)			
Ammonia (as N)	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-INO-4450 Determination of Nitrogen Species by Discrete Analyser			
Total Kjeldahl Nitrogen (as N)	Melbourne	Feb 11, 2026	28 Days
- Method: APHA 4500-Norg B,D Total Kjeldahl Nitrogen by FIA			
Eurofins Suite B11E: Cl/SO4/Alkalinity			
Chloride	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-INO-4090 Chloride by Discrete Analyser			
Sulphate (as SO4)	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-INO-4110 Sulfate by Discrete Analyser			
Alkalinity (speciated)	Melbourne	Feb 11, 2026	14 Days
- Method: LTM-INO-4250 Alkalinity by Electrometric Titration			
Chromium (hexavalent)	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-INO-4100 Hexavalent Chromium by Spectrometric detection			
Heavy Metals (filtered)	Melbourne	Feb 11, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Mobil Metals : Metals M15	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Iron (speciated)			
Ferrous Iron - Fe2+	Melbourne	Feb 11, 2026	7 Days
- Method: LTM-INO-4190 Ferrous Iron in Water by Discrete Analyser			
Heavy Metals	Melbourne	Feb 11, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Eurofins Suite B11D: Na/K/Ca/Mg and Hardness			
Hardness mg equivalent CaCO3/L	Melbourne	Feb 11, 2026	28 Days
- Method: APHA 2340B Hardness by Calculation			
Alkali Metals	Melbourne	Feb 11, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			

eurofins

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Company Name: Tierra Environmental Pty Ltd
Address: PO Box 360
Mitcham
SA 5062

Project Name: Alice Springs Landfill
Project ID: AAQ 06 023.30

Order No.:
Report #: 1321768
Phone: 08 8373 2512
Fax: 08 8373 2515

Received: Feb 10, 2026 12:57 PM
Due: Feb 17, 2026
Priority: 5 Day
Contact Name: Daryl Burrows

Eurofins Analytical Services Manager : Karl Bulow

Sample Detail						Biochemical Oxygen Demand (BOD-5 Day)	Chemical Oxygen Demand (COD)	Total Organic Carbon	Turbidity	Polychlorinated Biphenyls	Iron (speciated)	Organic Nitrogen Set (as N)	NEPM 2013 Metals : Metals M13 filtered	Total Recoverable Hydrocarbons	Eurofins Suite SVV: SVOC/VOC	Eurofins Suite B11D: Na/K/Ca/Mg and Hardness	Eurofins Suite B11E: Cl/SO4/Alkalinity
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory																	
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**												
1	MW4-A	Feb 09, 2026		Water	M26-Fe0028503	X	X	X	X	X	X	X	X	X	X	X	X
2	MW87-A	Feb 09, 2026		Water	M26-Fe0028504	X	X	X	X	X	X	X	X	X	X	X	X
3	SW2-A	Feb 09, 2026		Water	M26-Fe0028505	X	X	X	X	X	X	X	X	X	X	X	X
Test Counts						3	3	3	3	3	3	3	3	3	3	3	3

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	**mg/L:** milligrams per litre	**ppm:** parts per million
µg/L: micrograms per litre	**ppb:** parts per billion	**%:** Percentage
org/100 mL: Organisms per 100 millilitres	**NTU:** Nephelometric Turbidity Units	**MPN/100 mL:** Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	**Colour:** Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Chloride	mg/L	< 1			1	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	88			70-130	Pass	
TRH C10-C14	%	99			70-130	Pass	
TRH C6-C10	%	90			70-130	Pass	
TRH >C10-C16	%	97			70-130	Pass	
Naphthalene	%	81			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	72			70-130	Pass	
1.2-Dichlorobenzene	%	84			70-130	Pass	
1.2-Dichloroethane	%	73			70-130	Pass	
Benzene	%	83			70-130	Pass	
Ethylbenzene	%	82			70-130	Pass	
m&p-Xylenes	%	83			70-130	Pass	
Toluene	%	80			70-130	Pass	
Trichloroethene	%	74			70-130	Pass	
Xylenes - Total*	%	83			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	99			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	72			25-140	Pass	
1.2.4-Trichlorobenzene	%	127			70-130	Pass	
1.4-Dichlorobenzene	%	126			70-130	Pass	
2-Chlorophenol	%	92			25-140	Pass	
2-Methylphenol (o-Cresol)	%	95			25-140	Pass	
2-Nitrophenol	%	95			25-140	Pass	
2.4-Dichlorophenol	%	116			25-140	Pass	
2.4-Dimethylphenol	%	44			25-140	Pass	
2.4-Dinitrophenol	%	36			25-140	Pass	
2.4.5-Trichlorophenol	%	108			25-140	Pass	
2.4.6-Trichlorophenol	%	106			25-140	Pass	
2.6-Dichlorophenol	%	112			25-140	Pass	
2.4-Dinitrotoluene	%	102			70-130	Pass	
3&4-Methylphenol (m&p-Cresol)	%	71			25-140	Pass	
4-Chloro-3-methylphenol	%	125			25-140	Pass	
4-Nitrophenol	%	38			25-140	Pass	
Acenaphthene	%	113			70-130	Pass	
Acenaphthylene	%	88			70-130	Pass	
Anthracene	%	97			70-130	Pass	
Benz(a)anthracene	%	84			70-130	Pass	
Benzo(a)pyrene	%	93			70-130	Pass	
Benzo(b&j)fluoranthene	%	75			70-130	Pass	
Benzo(g.h.i)perylene	%	98			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Benzo(k)fluoranthene	%	107			70-130	Pass	
Chrysene	%	99			70-130	Pass	
Dibenz(a.h)anthracene	%	82			70-130	Pass	
Fluoranthene	%	79			70-130	Pass	
Fluorene	%	98			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	126			70-130	Pass	
N-Nitrosodipropylamine	%	117			70-130	Pass	
Naphthalene	%	119			70-130	Pass	
Pentachlorophenol	%	105			25-140	Pass	
Phenanthrene	%	77			70-130	Pass	
Phenol	%	105			25-140	Pass	
Pyrene	%	108			70-130	Pass	
LCS - % Recovery							
Chromium (hexavalent)	%	96			70-130	Pass	
Ferrous Iron - Fe2+	%	96			70-130	Pass	
Sulphate (as SO4)	%	81			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	89			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	121			70-130	Pass	
Total Alkalinity (as CaCO3)	%	122			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	102			80-120	Pass	
Boron (filtered)	%	109			80-120	Pass	
Cadmium (filtered)	%	100			80-120	Pass	
Cobalt (filtered)	%	102			80-120	Pass	
Copper (filtered)	%	101			80-120	Pass	
Iron	%	107			80-120	Pass	
Lead (filtered)	%	102			80-120	Pass	
Manganese (filtered)	%	102			80-120	Pass	
Mercury (filtered)	%	117			80-120	Pass	
Nickel (filtered)	%	100			80-120	Pass	
Selenium (filtered)	%	104			80-120	Pass	
Zinc (filtered)	%	104			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	99			80-120	Pass	
Magnesium	%	104			80-120	Pass	
Potassium	%	97			80-120	Pass	
Sodium	%	107			80-120	Pass	
LCS - % Recovery							
Chloride	%	94			70-130	Pass	
Total Organic Carbon	%	112			70-130	Pass	
LCS - % Recovery							
Ammonia (as N)	%	104			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	91			85-115	Pass	
Chemical Oxygen Demand (COD)	%	108			70-130	Pass	
Chloride	%	95			70-130	Pass	
Total Organic Carbon	%	122			70-130	Pass	
Turbidity	%	96			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0028503	CP	%	98			70-130	Pass	
TRH C10-C14	M26-Fe0022615	NCP	%	92			70-130	Pass	
TRH C6-C10	M26-Fe0028503	CP	%	100			70-130	Pass	
TRH >C10-C16	M26-Fe0022615	NCP	%	91			70-130	Pass	
Naphthalene	M26-Fe0028503	CP	%	82			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0028503	CP	%	82			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0028503	CP	%	86			70-130	Pass	
1.2-Dichloroethane	M26-Fe0028503	CP	%	75			70-130	Pass	
Benzene	M26-Fe0028503	CP	%	91			70-130	Pass	
Ethylbenzene	M26-Fe0028503	CP	%	91			70-130	Pass	
m&p-Xylenes	M26-Fe0028503	CP	%	92			70-130	Pass	
o-Xylene	M26-Fe0028503	CP	%	89			70-130	Pass	
Toluene	M26-Fe0028503	CP	%	88			70-130	Pass	
Trichloroethene	M26-Fe0028503	CP	%	73			70-130	Pass	
Xylenes - Total*	M26-Fe0028503	CP	%	91			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0029175	NCP	%	82			70-130	Pass	
Aroclor-1260	M26-Fe0029175	NCP	%	83			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0027804	NCP	%	82			30-130	Pass	
1.2.4-Trichlorobenzene	B26-Fe0015166	NCP	%	95			70-130	Pass	
1.4-Dichlorobenzene	B26-Fe0015166	NCP	%	111			70-130	Pass	
2-Chlorophenol	M26-Fe0029175	NCP	%	58			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0029175	NCP	%	57			30-130	Pass	
2-Nitrophenol	M26-Fe0029175	NCP	%	35			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0029175	NCP	%	54			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0029175	NCP	%	71			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0027804	NCP	%	39			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0029175	NCP	%	39			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0029175	NCP	%	41			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0029175	NCP	%	32			30-130	Pass	
2.4-Dinitrotoluene	B26-Fe0015166	NCP	%	26			70-130	Fail	Q08
3&4-Methylphenol (m&p-Cresol)	M26-Fe0029175	NCP	%	45			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0029175	NCP	%	61			30-130	Pass	
4-Nitrophenol	M26-Fe0027804	NCP	%	37			30-130	Pass	
Acenaphthene	M26-Fe0029175	NCP	%	76			70-130	Pass	
Acenaphthylene	M26-Fe0029175	NCP	%	83			70-130	Pass	
Anthracene	M26-Fe0029175	NCP	%	101			70-130	Pass	
Benz(a)anthracene	M26-Fe0029175	NCP	%	102			70-130	Pass	
Benzo(a)pyrene	M26-Fe0029175	NCP	%	80			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0029175	NCP	%	102			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0029175	NCP	%	88			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0029175	NCP	%	96			70-130	Pass	
Chrysene	M26-Fe0029175	NCP	%	86			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0029175	NCP	%	87			70-130	Pass	
Fluoranthene	M26-Fe0029175	NCP	%	93			70-130	Pass	
Fluorene	M26-Fe0029175	NCP	%	78			70-130	Pass	
Hexachlorobenzene	M26-Fe0029175	NCP	%	83			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Indeno(1.2.3-cd)pyrene	M26-Fe0029175	NCP	%	86			70-130	Pass	
N-Nitrosodipropylamine	B26-Fe0015166	NCP	%	99			70-130	Pass	
Naphthalene	M26-Fe0029175	NCP	%	72			70-130	Pass	
Pentachlorophenol	M26-Fe0029175	NCP	%	37			30-130	Pass	
Phenanthrene	M26-Fe0029175	NCP	%	97			70-130	Pass	
Phenol	M26-Fe0029175	NCP	%	31			30-130	Pass	
Pyrene	M26-Fe0029175	NCP	%	101			70-130	Pass	
Spike - % Recovery									
				Result 1					
Chloride	M26-Fe0028503	CP	%	85			70-130	Pass	
Ferrous Iron - Fe2+	M26-Fe0028503	CP	%	73			70-130	Pass	
Sulphate (as SO4)	M26-Fe0028503	CP	%	86			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0028648	NCP	%	81			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0028503	CP	%	108			75-125	Pass	
Beryllium (filtered)	M26-Fe0028503	CP	%	92			75-125	Pass	
Boron (filtered)	M26-Fe0028645	NCP	%	81			75-125	Pass	
Cadmium (filtered)	M26-Fe0028503	CP	%	97			75-125	Pass	
Cobalt (filtered)	M26-Fe0028503	CP	%	102			75-125	Pass	
Copper (filtered)	M26-Fe0028503	CP	%	97			75-125	Pass	
Iron	M26-Fe0028503	CP	%	108			75-125	Pass	
Lead (filtered)	M26-Fe0028503	CP	%	94			75-125	Pass	
Manganese (filtered)	M26-Fe0028645	NCP	%	91			75-125	Pass	
Mercury (filtered)	M26-Fe0030732	NCP	%	86			75-125	Pass	
Nickel (filtered)	M26-Fe0028503	CP	%	99			75-125	Pass	
Selenium (filtered)	M26-Fe0028503	CP	%	97			75-125	Pass	
Zinc (filtered)	M26-Fe0028503	CP	%	103			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0028503	CP	%	92			75-125	Pass	
Magnesium	M26-Fe0028503	CP	%	90			75-125	Pass	
Potassium	M26-Fe0028503	CP	%	97			75-125	Pass	
Sodium	M26-Fe0028503	CP	%	82			75-125	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0028504	CP	%	99			70-130	Pass	
Chromium (hexavalent)	M26-Fe0028504	CP	%	91			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	M26-Fe0028644	NCP	mg/L	0.03	0.03	2.0	30%	Pass	
TRH C10-C14	M26-Fe0028395	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	M26-Fe0028395	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	M26-Fe0028395	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C6-C10	M26-Fe0028644	NCP	mg/L	0.03	0.03	2.0	30%	Pass	
TRH >C10-C16	M26-Fe0028395	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Naphthalene	M26-Fe0028644	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH >C16-C34	M26-Fe0028395	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	M26-Fe0028395	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	

Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1-Dichloroethene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1-Trichloroethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromobenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1.2-Dichloroethene	M26-Fe0028644	NCP	mg/L	0.003	0.003	5.0	30%	Pass	
cis-1.3-Dichloropropene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Ethylbenzene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iodomethane	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Isopropyl benzene (Cumene)	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	M26-Fe0028644	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methylene Chloride	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
o-Xylene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Styrene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	M26-Fe0028644	NCP	mg/L	0.019	0.019	1.0	30%	Pass	
Toluene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.2-Dichloroethene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.3-Dichloropropene	M26-Fe0028644	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	M26-Fe0028644	NCP	mg/L	0.007	0.007	1.0	30%	Pass	
Trichlorofluoromethane	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vinyl chloride	M26-Fe0028644	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Xylenes - Total*	M26-Fe0028644	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

Duplicate									
				Result 1	Result 2	RPD			
Biochemical Oxygen Demand (BOD-5 Day)	M26-Fe0028412	NCP	mg/L	2800	2900	4.0	30%	Pass	
Chloride	M26-Fe0028503	CP	mg/L	510	500	2.0	30%	Pass	
Chromium (hexavalent)	M26-Fe0028503	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Sulphate (as SO4)	M26-Fe0028503	CP	mg/L	2100	2000	5.0	30%	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0030002	NCP	mg/L	870	690	23	30%	Pass	
Hardness mg equivalent CaCO3/L	M26-Fe0028503	CP	mg/L	1700	1800	3.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	M26-Fe0028503	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Beryllium (filtered)	M26-Fe0028503	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Boron (filtered)	M26-Fe0028503	CP	mg/L	0.94	0.96	1.0	30%	Pass	
Cadmium (filtered)	M26-Fe0028503	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Cobalt (filtered)	M26-Fe0028503	CP	mg/L	0.008	0.007	3.0	30%	Pass	
Copper (filtered)	M26-Fe0028503	CP	mg/L	0.002	0.002	1.0	30%	Pass	
Iron	M26-Fe0028503	CP	mg/L	0.21	0.20	3.0	30%	Pass	
Lead (filtered)	M26-Fe0028503	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Manganese (filtered)	M26-Fe0028503	CP	mg/L	0.83	0.81	2.0	30%	Pass	
Mercury (filtered)	M26-Fe0028503	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	M26-Fe0028503	CP	mg/L	0.006	0.006	4.0	30%	Pass	
Selenium (filtered)	M26-Fe0028503	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc (filtered)	M26-Fe0028503	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Alkali Metals				Result 1	Result 2	RPD			
Calcium	M26-Fe0028503	CP	mg/L	330	350	4.0	30%	Pass	
Magnesium	M26-Fe0028503	CP	mg/L	220	220	2.0	30%	Pass	
Potassium	M26-Fe0028503	CP	mg/L	18	18	2.0	30%	Pass	
Sodium	M26-Fe0028503	CP	mg/L	730	740	1.0	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1221	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1232	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1242	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1248	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1254	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1260	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Total PCB*	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0028505	CP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Chloronaphthalene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1-Naphthylamine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0028505	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methylnaphthalene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0028505	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Naphthylamine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0028505	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0028505	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dichlorophenol	M26-Fe0028505	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dimethylphenol	M26-Fe0028505	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	M26-Fe0028505	CP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0028505	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	M26-Fe0028505	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dichlorophenol	M26-Fe0028505	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0028505	CP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chloro-3-methylphenol	M26-Fe0028505	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
4-Nitrophenol	M26-Fe0028505	CP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acenaphthene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acetophenone	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Anthracene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
b-HCH	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benz(a)anthracene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzyl chloride	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chrysene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
d-HCH	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.h)anthracene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endosulfan II	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Fluoranthene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Methoxychlor	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Naphthalene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Nitrobenzene	M26-Fe0028505	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0028505	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenanthrene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenol	M26-Fe0028505	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pyrene	M26-Fe0028505	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trifluralin	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0028505	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Ammonia (as N)	M26-Fe0028505	CP	mg/L	0.14	0.11	22	30%	Pass	
Chemical Oxygen Demand (COD)	M26-Fe0028505	CP	mg/L	32	35	7.0	30%	Pass	
Ferrous Iron - Fe2+	M26-Fe0028505	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Total Organic Carbon	M26-Fe0028505	CP	mg/L	23	21	9.0	30%	Pass	
Turbidity	M26-Fe0028505	CP	NTU	60	61	1.8	30%	Pass	
Duplicate									
Alkalinity (speciated)				Result 1	Result 2	RPD			
Bicarbonate Alkalinity (as CaCO3)	M26-Fe0028505	CP	mg/L	85	77	10	30%	Pass	
Carbonate Alkalinity (as CaCO3)	M26-Fe0028505	CP	mg/L	< 10	< 10	<1	30%	Pass	
Hydroxide Alkalinity (as CaCO3)	M26-Fe0028505	CP	mg/L	< 20	< 20	<1	30%	Pass	
Total Alkalinity (as CaCO3)	M26-Fe0028505	CP	mg/L	85	77	10	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.

Authorised by:

Karl Bulow	Analytical Services Manager
Caitlin Breeze	Senior Analyst-Inorganic
Carroll Lee	Senior Analyst-Volatile
Emily Rosenberg	Senior Analyst-Metal
Joseph Edouard	Senior Analyst-Organic
Luke Holt	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Inorganic
Sheha Prakash	Senior Analyst-Organic



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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11 FEB 2026

CHAIN OF CUSTODY RECORD

eurofins mgt

CLIENT DETAILS

Company Name : Tierra Environment	Contact Name : Daryl Burrows	Purchase Order : NA	COC Number : T2061
Office Address :	Project Manager : Daryl Burrows	Project Number : AAQ 06 023.30	QUOTE ID : 260210TIES
	Email for results : general@tierra.com.au	Project Name : Alice Springs Landfill	Esdat

Special Directions & Comments :

*Metals to consist of Sb, As, Ba, Be, Cd, Cr, Cr3+, Cr6+, Co, Cu, Fe (total) Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn

Laboratory Address

Eurofins - Melbourne
6 Monterey Road, Dandenong South, VIC 3175
Phone: 03 8584 5000
Fax: 03 8564 5090
Email: EnviroSampleVic@eurofins.com

	Sample ID	Date	Matrix	Turbidity	B11E: Anion Suite - Chloride, SO4, Alkalinity	B11D: Cation Suite _ NA, K, Ca, Mg, Hardness	Organic N (Ammonia, TKN, Organic N)	TOC	BOD 5 Day	COD	M13 - Metals*	Ferrous/Ferric Fe Speciation	PAH	PCB	TRH	SVV: SVOC, VOC	VOC	Containers 500P	250A	100P	250A	VIAL	125mL A	Jar	Sample Comments
1	MW1-A	09-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x		2	1	4		3	1		
2	MW2-A	09-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x		2	1	4		3	1		
3	MW2-X	09-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x		2	1	4		3	1		
4	MW3-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
5	MW7-A	09-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
6	MW84-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
7																		2	1	4		3	1		
8	SW3-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x		2	1	4		3	1		
9	SW5-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x		2	1	4		3	1		
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									

Relinquished By: Daryl Burrows	Laboratory Staff Adelaide	Laboratory Staff Melbourne	Turn around Time	Method Of Shipment
Date & Time : 10/02/26 11am	Received By: Jayden Hughes	Received By:	24 Hrs 48 Hrs	[x] Courier
Signature:	Date & Time : 11/2 10:20	Date & Time :		[ ] Hand Delivered
	Signature: Jaydenh	Signature:	[5 Days] 10 Days	[ ] Postal
	Report Number :	Report Number :		

8.4°C chill

#1322252

11/2/26

Tierra Environmental Pty Ltd
PO Box 360
Mitcham
SA 5062

NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
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Attention: **Daryl Burrows**

Report **1322252-W**
Project name Alice Springs Landfill
Project ID AAQ 06 023.30
Received Date Feb 11, 2026

Client Sample ID			**MW1-A**	**MW2-A**	**MW2-X**	**MW3-A**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**M26-Fe0031792**	**M26-Fe0031793**	**M26-Fe0031794**	**M26-Fe0031795**
Date Sampled			**Feb 09, 2026**	**Feb 09, 2026**	**Feb 09, 2026**	**Feb 10, 2026**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	-
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	-
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	-
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	-
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	-
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	-
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02	-
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	-
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	< 0.05	< 0.05	< 0.05	-
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	-
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	-
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	-
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	-
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	-

Client Sample ID			MW1-A	MW2-A	MW2-X	MW3-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031792	M26-Fe0031793	M26-Fe0031794	M26-Fe0031795
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Volatile Organics						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	-
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Toluene	0.001	mg/L	< 0.001	< 0.001	0.001	-
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4-Bromofluorobenzene (surr.)	1	%	105	89	61	-
Toluene-d8 (surr.)	1	%	92	100	69	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW1-A	MW2-A	MW2-X	MW3-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031792	M26-Fe0031793	M26-Fe0031794	M26-Fe0031795
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	121	125	126	117
p-Terphenyl-d14 (surr.)	1	%	94	86	88	94
Polychlorinated Biphenyls						
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	72	73	67	90
Tetrachloro-m-xylene (surr.)	1	%	117	114	113	111
Semivolatile Organics						
Aldrin and Dieldrin (Total)*	0.0001	mg/L	< 0.005	< 0.005	< 0.005	-
DDT + DDE + DDD (Total)*	0.0001	mg/L	< 0.005	< 0.005	< 0.005	-
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	-
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
2-Fluorobiphenyl (surr.)	1	%	121	125	126	-
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	-
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	-
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	-
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	-

Client Sample ID			MW1-A	MW2-A	MW2-X	MW3-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031792	M26-Fe0031793	M26-Fe0031794	M26-Fe0031795
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4.6-Tribromophenol (surr.)	1	%	88	82	86	-
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	-
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
2.4-Dinitrotoluene + 2.6-Dinitrotoluene*	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	-
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	-
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	-
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	-

Client Sample ID			MW1-A	MW2-A	MW2-X	MW3-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031792	M26-Fe0031793	M26-Fe0031794	M26-Fe0031795
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Nitrobenzene	0.05	mg/L	< 0.05	< 0.05	< 0.05	-
Nitrobenzene-d5 (surr.)	1	%	118	118	116	-
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	-
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	-
Phenol-d6 (surr.)	1	%	143	144	145	-
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	-
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Haloethers						
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	-
Ammonia (as N)	0.01	mg/L	0.02	0.17	0.18	0.15
Biochemical Oxygen Demand (BOD-5 Day)	5	mg/L	< 5	< 5	< 5	< 5
Chemical Oxygen Demand (COD)	25	mg/L	< 25	25	< 25	< 25
Chloride	1	mg/L	660	1100	1100	94
Chromium (hexavalent)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ferric Iron - Fe3+	0.05	mg/L	0.05	< 0.05	< 0.05	< 0.05
Ferrous Iron - Fe2+	0.05	mg/L	< 0.05	< 0.05	< 0.05	0.13
Organic Nitrogen (as N)*	0.2	mg/L	0.78	0.43	1.02	< 0.2
Sulphate (as SO4)	5	mg/L	980	2700	2800	370
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	0.8	0.6	1.2	0.2
Total Organic Carbon	5	mg/L	65	57	29	26
Turbidity	1	NTU	< 1	1.3	1.2	5.5
Hardness mg equivalent CaCO3/L	5	mg/L	1100	2700	2700	670

Client Sample ID			MW1-A	MW2-A	MW2-X	MW3-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031792	M26-Fe0031793	M26-Fe0031794	M26-Fe0031795
Date Sampled			Feb 09, 2026	Feb 09, 2026	Feb 09, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Alkalinity (speciated)						
Bicarbonate Alkalinity (as CaCO3)	20	mg/L	470	490	450	330
Carbonate Alkalinity (as CaCO3)	10	mg/L	< 10	< 10	< 10	< 10
Hydroxide Alkalinity (as CaCO3)	20	mg/L	< 20	< 20	< 20	< 20
Total Alkalinity (as CaCO3)	20	mg/L	470	490	450	330
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	0.001
Beryllium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Boron (filtered)	0.05	mg/L	0.57	0.98	0.99	< 0.5
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Cobalt (filtered)	0.001	mg/L	< 0.001	0.003	0.003	< 0.001
Copper (filtered)	0.001	mg/L	0.010	0.016	0.010	< 0.001
Iron	0.05	mg/L	0.05	< 0.05	< 0.05	0.14
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Manganese (filtered)	0.005	mg/L	0.028	0.070	0.069	0.018
Mercury (filtered)	0.0001	mg/L	< 0.0001	0.0002	0.0002	< 0.0001
Nickel (filtered)	0.001	mg/L	0.005	0.013	0.012	< 0.001
Selenium (filtered)	0.001	mg/L	0.001	0.002	0.002	< 0.001
Zinc (filtered)	0.005	mg/L	< 0.005	0.007	< 0.005	< 0.005
Alkali Metals						
Calcium	0.5	mg/L	240	590	590	130
Magnesium	0.5	mg/L	110	300	300	86
Potassium	0.5	mg/L	15	32	32	8.4
Sodium	0.5	mg/L	570	840	840	73

Client Sample ID			MW7-A	MW84-A	SW3-A	SW5-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031796	M26-Fe0031797	M26-Fe0031798	M26-Fe0031799
Date Sampled			Feb 09, 2026	Feb 10, 2026	Feb 10, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	-	-	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	-	-	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	-	-	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	-	-	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	-	-	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	-	-	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	-	-	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	-	-	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	-	-	< 0.05	< 0.05
Naphthalene[N02]	0.01	mg/L	-	-	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	-	-	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	-	-	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	-	-	< 0.1	< 0.1

Client Sample ID			MW7-A	MW84-A	SW3-A	SW5-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031796	M26-Fe0031797	M26-Fe0031798	M26-Fe0031799
Date Sampled			Feb 09, 2026	Feb 10, 2026	Feb 10, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	-	-	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	-	-	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	-	-	< 0.005	0.012
4-Chlorotoluene	0.001	mg/L	-	-	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	-	-	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	-	-	< 0.001	< 0.001
Benzene	0.001	mg/L	-	-	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	-	-	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	-	-	< 0.001	< 0.001
Bromoform	0.001	mg/L	-	-	< 0.001	< 0.001
Bromomethane	0.005	mg/L	-	-	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	-	-	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	-	-	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
Chloroethane	0.005	mg/L	-	-	< 0.005	< 0.005
Chloroform	0.005	mg/L	-	-	< 0.005	< 0.005
Chloromethane	0.005	mg/L	-	-	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	-	-	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	-	-	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	-	-	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	-	-	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	-	-	< 0.001	< 0.001
Iodomethane	0.001	mg/L	-	-	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	-	-	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	-	-	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	-	-	< 0.005	< 0.005
o-Xylene	0.001	mg/L	-	-	< 0.001	< 0.001
Styrene	0.001	mg/L	-	-	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
Toluene	0.001	mg/L	-	-	< 0.001	0.002
trans-1.2-Dichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	-	-	< 0.001	< 0.001

Client Sample ID			MW7-A	MW84-A	SW3-A	SW5-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031796	M26-Fe0031797	M26-Fe0031798	M26-Fe0031799
Date Sampled			Feb 09, 2026	Feb 10, 2026	Feb 10, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	-	-	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	-	-	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	-	-	< 0.003	< 0.003
Total MAH*	0.003	mg/L	-	-	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	-	-	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	-	-	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	-	-	83	89
Toluene-d8 (surr.)	1	%	-	-	96	97
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	0.006	0.004	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.001	mg/L	0.006	0.004	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	123	120	123	125
p-Terphenyl-d14 (surr.)	1	%	94	97	88	85
Polychlorinated Biphenyls						
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	68	88	75	87
Tetrachloro-m-xylene (surr.)	1	%	118	117	110	110
Semivolatile Organics						
Aldrin and Dieldrin (Total)*	0.0001	mg/L	-	-	< 0.005	< 0.005
DDT + DDE + DDD (Total)*	0.0001	mg/L	-	-	< 0.005	< 0.005
Total PAH*	0.001	mg/L	-	-	< 0.001	< 0.001
2-Methyl-4.6-dinitrophenol	0.03	mg/L	-	-	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	-	-	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	-	-	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005

Client Sample ID			MW7-A	MW84-A	SW3-A	SW5-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031796	M26-Fe0031797	M26-Fe0031798	M26-Fe0031799
Date Sampled			Feb 09, 2026	Feb 10, 2026	Feb 10, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	-	-	< 0.005	< 0.005
2-Chlorophenol	0.003	mg/L	-	-	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	-	-	123	125
2-Methylnaphthalene	0.005	mg/L	-	-	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	-	-	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	-	-	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	-	-	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	-	-	< 0.01	< 0.01
2-Picoline	0.005	mg/L	-	-	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	-	-	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	-	-	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	-	-	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	-	-	< 0.03	< 0.03
2.4.5-Trichlorophenol	0.01	mg/L	-	-	< 0.01	< 0.01
2.4.6-Tribromophenol (surr.)	1	%	-	-	91	96
2.4.6-Trichlorophenol	0.01	mg/L	-	-	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	-	-	< 0.003	< 0.003
2.4-Dinitrotoluene	0.005	mg/L	-	-	< 0.005	< 0.005
2.6-Dinitrotoluene	0.005	mg/L	-	-	< 0.005	< 0.005
2.4-Dinitrotoluene + 2.6-Dinitrotoluene*	0.005	mg/L	-	-	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	-	-	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	-	-	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	-	-	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	-	-	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	-	-	< 0.01	< 0.01
4-Nitrophenol	0.03	mg/L	-	-	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	-	-	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	-	-	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	-	-	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	-	-	< 0.005	< 0.005
a-HCH	0.005	mg/L	-	-	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	-	-	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	-	-	< 0.001	< 0.001
Acetophenone	0.005	mg/L	-	-	< 0.005	< 0.005
Aldrin	0.005	mg/L	-	-	< 0.005	< 0.005
Aniline	0.005	mg/L	-	-	< 0.005	< 0.005
Anthracene	0.001	mg/L	-	-	< 0.001	< 0.001
b-HCH	0.005	mg/L	-	-	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	-	-	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	-	-	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	-	-	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	-	-	< 0.001	< 0.001

Client Sample ID			MW7-A	MW84-A	SW3-A	SW5-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031796	M26-Fe0031797	M26-Fe0031798	M26-Fe0031799
Date Sampled			Feb 09, 2026	Feb 10, 2026	Feb 10, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
Benzo(k)fluoranthene	0.001	mg/L	-	-	< 0.001	< 0.001
Benzyl chloride	0.005	mg/L	-	-	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	-	-	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	-	-	< 0.005	< 0.005
Chrysene	0.001	mg/L	-	-	< 0.001	< 0.001
d-HCH	0.005	mg/L	-	-	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	-	-	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	-	-	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	-	-	< 0.001	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	-	-	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	-	-	< 0.005	< 0.005
Dieldrin	0.005	mg/L	-	-	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	-	-	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	-	-	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	-	-	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	-	-	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	-	-	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	-	-	< 0.005	< 0.005
Endrin	0.005	mg/L	-	-	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	-	-	< 0.005	< 0.005
Endrin ketone	0.005	mg/L	-	-	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	-	-	< 0.001	< 0.001
Fluorene	0.001	mg/L	-	-	< 0.001	< 0.001
g-HCH (Lindane)	0.005	mg/L	-	-	< 0.005	< 0.005
Heptachlor	0.005	mg/L	-	-	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	-	-	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	-	-	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	-	-	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	-	-	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	-	-	< 0.001	< 0.001
Methoxychlor	0.005	mg/L	-	-	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	-	-	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	-	-	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	-	-	< 0.005	< 0.005
Naphthalene	0.001	mg/L	-	-	< 0.001	< 0.001
Nitrobenzene	0.05	mg/L	-	-	< 0.05	< 0.05
Nitrobenzene-d5 (surr.)	1	%	-	-	117	118
Pentachlorobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	-	-	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	-	-	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	-	-	< 0.001	< 0.001
Phenol	0.003	mg/L	-	-	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	-	-	144	142
Pronamide	0.005	mg/L	-	-	< 0.005	< 0.005
Pyrene	0.001	mg/L	-	-	< 0.001	< 0.001
Trifluralin	0.005	mg/L	-	-	< 0.005	< 0.005

Client Sample ID			MW7-A	MW84-A	SW3-A	SW5-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0031796	M26-Fe0031797	M26-Fe0031798	M26-Fe0031799
Date Sampled			Feb 09, 2026	Feb 10, 2026	Feb 10, 2026	Feb 10, 2026
Test/Reference	LOR	Unit				
Haloethers						
4-Bromophenyl phenyl ether	0.005	mg/L	-	-	< 0.005	< 0.005
4-Chlorophenyl phenyl ether	0.005	mg/L	-	-	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	-	-	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	-	-	< 0.005	< 0.005
Ammonia (as N)	0.01	mg/L	0.04	0.02	0.04	0.06
Biochemical Oxygen Demand (BOD-5 Day)	5	mg/L	< 5	< 5	< 5	< 5
Chemical Oxygen Demand (COD)	25	mg/L	< 25	< 25	< 25	32
Chloride	1	mg/L	590	290	< 1	9.3
Chromium (hexavalent)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ferric Iron - Fe3+	0.05	mg/L	< 0.05	< 0.05	0.06	< 0.05
Ferrous Iron - Fe2+	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Organic Nitrogen (as N)*	0.2	mg/L	0.76	< 0.2	0.36	0.54
Sulphate (as SO4)	5	mg/L	560	390	7.2	8.5
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	0.8	< 0.2	0.4	0.6
Total Organic Carbon	5	mg/L	44	42	12	16
Turbidity	1	NTU	23	1.4	52	21
Hardness mg equivalent CaCO3/L	5	mg/L	760	770	36	35
Alkalinity (speciated)						
Bicarbonate Alkalinity (as CaCO3)	20	mg/L	550	470	56	38
Carbonate Alkalinity (as CaCO3)	10	mg/L	< 10	< 10	< 10	< 10
Hydroxide Alkalinity (as CaCO3)	20	mg/L	< 20	< 20	< 20	< 20
Total Alkalinity (as CaCO3)	20	mg/L	550	470	56	38
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Beryllium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Boron (filtered)	0.05	mg/L	0.57	< 0.5	< 0.5	< 0.5
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Cobalt (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	0.001	0.007	< 0.001	0.002
Iron	0.05	mg/L	< 0.05	< 0.05	0.06	< 0.05
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Manganese (filtered)	0.005	mg/L	0.014	0.016	< 0.005	0.008
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.001	0.001	0.001	0.002
Selenium (filtered)	0.001	mg/L	0.001	0.002	< 0.001	< 0.001
Zinc (filtered)	0.005	mg/L	< 0.005	0.007	0.028	0.013
Alkali Metals						
Calcium	0.5	mg/L	160	160	11	12
Magnesium	0.5	mg/L	91	89	2.0	1.2
Potassium	0.5	mg/L	11	6.1	2.4	3.5
Sodium	0.5	mg/L	560	200	8.5	< 1

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Volatile Organics	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices (USEPA 8260)			
Semivolatile Organics	Melbourne	Feb 12, 2026	7 Days
- Method: USEPA SW 846 8270			
Polycyclic Aromatic Hydrocarbons	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Polychlorinated Biphenyls	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8082)			
Biochemical Oxygen Demand (BOD-5 Day)	Melbourne	Feb 12, 2026	2 Days
- Method: LTM-INO-4010 Biochemical Oxygen Demand (BOD5) in Water			
Chemical Oxygen Demand (COD)	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-INO-4220 Determination of COD in Water			
Total Organic Carbon	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-INO-4060 Total Organic Carbon in water and soil			
Turbidity	Melbourne	Feb 12, 2026	2 Days
- Method: Turbidity by classical using APHA 2130B (LTM-INO-4140)			
Ammonia (as N)	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-INO-4450 Determination of Nitrogen Species by Discrete Analyser			
Total Kjeldahl Nitrogen (as N)	Melbourne	Feb 12, 2026	28 Days
- Method: APHA 4500-Norg B,D Total Kjeldahl Nitrogen by FIA			
Eurofins Suite B11E: Cl/SO4/Alkalinity			
Chloride	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-INO-4090 Chloride by Discrete Analyser			
Sulphate (as SO4)	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-INO-4110 Sulfate by Discrete Analyser			
Alkalinity (speciated)	Melbourne	Feb 12, 2026	14 Days
- Method: LTM-INO-4250 Alkalinity by Electrometric Titration			
Chromium (hexavalent)	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-INO-4100 Hexavalent Chromium by Spectrometric detection			
Heavy Metals (filtered)	Melbourne	Feb 12, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Mobil Metals : Metals M15	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Iron (speciated)			
Ferrous Iron - Fe2+	Melbourne	Feb 12, 2026	7 Days
- Method: LTM-INO-4190 Ferrous Iron in Water by Discrete Analyser			
Heavy Metals	Melbourne	Feb 12, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Eurofins Suite B11D: Na/K/Ca/Mg and Hardness			
Hardness mg equivalent CaCO3/L	Melbourne	Feb 12, 2026	28 Days
- Method: APHA 2340B Hardness by Calculation			
Alkali Metals	Melbourne	Feb 12, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			

eurofins

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Address: PO Box 360
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SA 5062

Project Name: Alice Springs Landfill
Project ID: AAQ 06 023.30

Order No.:
Report #: 1322252
Phone: 08 8373 2512
Fax: 08 8373 2515

Received: Feb 11, 2026 10:20 AM
Due: Feb 18, 2026
Priority: 5 Day
Contact Name: Daryl Burrows

Eurofins Analytical Services Manager : Karl Bulow

Sample Detail						Biochemical Oxygen Demand (BOD-5 Day)	Chemical Oxygen Demand (COD)	Split - External Lab*	Total Organic Carbon	Turbidity	Polycyclic Aromatic Hydrocarbons	Polychlorinated Biphenyls	Iron (speciated)	Organic Nitrogen Set (as N)	NEPM 2013 Metals : Metals M13 filtered	Total Recoverable Hydrocarbons	Eurofins Suite SVV: SVOC/VOC	Eurofins Suite B11D: Na/K/Ca/Mg and Hardness	Eurofins Suite B11E: Cl/SO4/Alkalinity
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X		X	X	X	X	X	X	X	X	X	X	X
External Laboratory								X											
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**														
1	MW2-Y	Feb 10, 2026		Water	M26-Fe0031791			X											
2	MW1-A	Feb 09, 2026		Water	M26-Fe0031792	X	X		X	X	X	X	X	X	X	X	X	X	X
3	MW2-A	Feb 09, 2026		Water	M26-Fe0031793	X	X		X	X	X	X	X	X	X	X	X	X	X
4	MW2-X	Feb 09, 2026		Water	M26-Fe0031794	X	X		X	X	X	X	X	X	X	X	X	X	X
5	MW3-A	Feb 10, 2026		Water	M26-Fe0031795	X	X		X	X	X	X	X	X	X			X	X
6	MW7-A	Feb 09, 2026		Water	M26-Fe0031796	X	X		X	X	X	X	X	X	X			X	X
7	MW84-A	Feb 10, 2026		Water	M26-Fe0031797	X	X		X	X	X	X	X	X	X			X	X
8	SW3-A	Feb 10, 2026		Water	M26-Fe0031798	X	X		X	X	X	X	X	X	X	X	X	X	X
9	SW5-A	Feb 10, 2026		Water	M26-Fe0031799	X	X		X	X	X	X	X	X	X	X	X	X	X
Test Counts						8	8	1	8	8	8	8	8	8	8	5	5	8	8

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	**mg/L:** milligrams per litre	**ppm:** parts per million
µg/L: micrograms per litre	**ppb:** parts per billion	**%:** Percentage
org/100 mL: Organisms per 100 millilitres	**NTU:** Nephelometric Turbidity Units	**MPN/100 mL:** Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	**Colour:** Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	rerun			0.05	N/A	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
Method Blank							
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Chloride	mg/L	< 1			1	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chloride	mg/L	< 1			1	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	105			70-130	Pass	
TRH C10-C14	%	127			70-130	Pass	
TRH C6-C10	%	105			70-130	Pass	
TRH >C10-C16	%	124			70-130	Pass	
Naphthalene	%	83			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	79			70-130	Pass	
1.2-Dichlorobenzene	%	81			70-130	Pass	
1.2-Dichloroethane	%	86			70-130	Pass	
Benzene	%	92			70-130	Pass	
Ethylbenzene	%	84			70-130	Pass	
m&p-Xylenes	%	79			70-130	Pass	
Toluene	%	83			70-130	Pass	
Trichloroethene	%	76			70-130	Pass	
Xylenes - Total*	%	80			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.2.4-Trichlorobenzene	%	127			70-130	Pass	
1.4-Dichlorobenzene	%	126			70-130	Pass	
2.4-Dinitrotoluene	%	102			70-130	Pass	
N-Nitrosodipropylamine	%	117			70-130	Pass	
LCS - % Recovery							
Ammonia (as N)	%	102			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	94			85-115	Pass	
Chemical Oxygen Demand (COD)	%	110			70-130	Pass	
Chloride	%	94			70-130	Pass	
Chromium (hexavalent)	%	95			70-130	Pass	
Ferrous Iron - Fe2+	%	119			70-130	Pass	
Sulphate (as SO4)	%	89			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	95			70-130	Pass	
Total Organic Carbon	%	123			70-130	Pass	
Turbidity	%	101			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	114			70-130	Pass	
Total Alkalinity (as CaCO3)	%	122			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	105			80-120	Pass	
Boron (filtered)	%	113			80-120	Pass	
Cadmium (filtered)	%	101			80-120	Pass	
Cobalt (filtered)	%	108			80-120	Pass	
Copper (filtered)	%	105			80-120	Pass	
Iron	%	116			80-120	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Lead (filtered)	%	101			80-120	Pass	
Manganese (filtered)	%	112			80-120	Pass	
Mercury (filtered)	%	100			80-120	Pass	
Nickel (filtered)	%	107			80-120	Pass	
Selenium (filtered)	%	99			80-120	Pass	
Zinc (filtered)	%	110			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	92			80-120	Pass	
Magnesium	%	93			80-120	Pass	
Potassium	%	94			80-120	Pass	
Sodium	%	91			80-120	Pass	
LCS - % Recovery							
Semivolatile Organics							
1.2.4-Trichlorobenzene	%	127			70-130	Pass	
1.4-Dichlorobenzene	%	126			70-130	Pass	
2.4-Dinitrotoluene	%	102			70-130	Pass	
N-Nitrosodipropylamine	%	117			70-130	Pass	
LCS - % Recovery							
Ammonia (as N)	%	99			70-130	Pass	
Chemical Oxygen Demand (COD)	%	120			70-130	Pass	
Chloride	%	95			70-130	Pass	
Ferrous Iron - Fe2+	%	120			70-130	Pass	
Sulphate (as SO4)	%	96			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	101			70-130	Pass	
Total Organic Carbon	%	118			70-130	Pass	
Turbidity	%	100			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	113			70-130	Pass	
Total Alkalinity (as CaCO3)	%	119			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	112			80-120	Pass	
Cadmium (filtered)	%	107			80-120	Pass	
Cobalt (filtered)	%	111			80-120	Pass	
Copper (filtered)	%	109			80-120	Pass	
Iron	%	112			80-120	Pass	
Lead (filtered)	%	102			80-120	Pass	
Manganese (filtered)	%	115			80-120	Pass	
Mercury (filtered)	%	103			80-120	Pass	
Nickel (filtered)	%	110			80-120	Pass	
Selenium (filtered)	%	105			80-120	Pass	
Zinc (filtered)	%	117			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	95			80-120	Pass	
Magnesium	%	93			80-120	Pass	
Potassium	%	93			80-120	Pass	
Sodium	%	95			80-120	Pass	
LCS - % Recovery							
Ammonia (as N)	%	94			70-130	Pass	
Chemical Oxygen Demand (COD)	%	105			70-130	Pass	
Chloride	%	94			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ferrous Iron - Fe2+	%	107			70-130	Pass	
Sulphate (as SO4)	%	86			70-130	Pass	
Total Organic Carbon	%	114			70-130	Pass	
Turbidity	%	101			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	118			70-130	Pass	
Total Alkalinity (as CaCO3)	%	124			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Iron	%	111			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	91			80-120	Pass	
Magnesium	%	93			80-120	Pass	
Potassium	%	93			80-120	Pass	
Sodium	%	93			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	84			70-130	Pass	
Acenaphthylene	%	92			70-130	Pass	
Anthracene	%	82			70-130	Pass	
Benz(a)anthracene	%	76			70-130	Pass	
Benzo(a)pyrene	%	79			70-130	Pass	
Benzo(b&j)fluoranthene	%	90			70-130	Pass	
Benzo(g.h.i)perylene	%	77			70-130	Pass	
Benzo(k)fluoranthene	%	85			70-130	Pass	
Chrysene	%	88			70-130	Pass	
Dibenz(a.h)anthracene	%	94			70-130	Pass	
Fluoranthene	%	81			70-130	Pass	
Fluorene	%	94			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	130			70-130	Pass	
Naphthalene	%	94			70-130	Pass	
Phenanthrene	%	78			70-130	Pass	
Pyrene	%	87			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	108			70-130	Pass	
LCS - % Recovery							
Ammonia (as N)	%	103			70-130	Pass	
Chloride	%	91			70-130	Pass	
Ferrous Iron - Fe2+	%	107			70-130	Pass	
Sulphate (as SO4)	%	85			70-130	Pass	
Turbidity	%	101			70-130	Pass	
2-Chlorophenol	%	84			25-140	Pass	
2-Methyl-4.6-dinitrophenol	%	93			25-140	Pass	
2-Methylphenol (o-Cresol)	%	70			25-140	Pass	
2-Nitrophenol	%	72			25-140	Pass	
2.4-Dichlorophenol	%	94			25-140	Pass	
2.4-Dinitrophenol	%	49			25-140	Pass	
2.4.5-Trichlorophenol	%	90			25-140	Pass	
2.4.6-Trichlorophenol	%	65			25-140	Pass	
2.6-Dichlorophenol	%	84			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	125			25-140	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Chloro-3-methylphenol	%	85			25-140	Pass	
4-Nitrophenol	%	37			25-140	Pass	
Pentachlorophenol	%	70			25-140	Pass	
Phenol	%	102			25-140	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	127			70-130	Pass	
Total Alkalinity (as CaCO3)	%	129			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Iron	%	116			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	88			80-120	Pass	
Magnesium	%	88			80-120	Pass	
Potassium	%	88			80-120	Pass	
Sodium	%	88			80-120	Pass	
LCS - % Recovery							
Ammonia (as N)	%	101			70-130	Pass	
Chloride	%	89			70-130	Pass	
Sulphate (as SO4)	%	98			70-130	Pass	
Total Organic Carbon	%	120			70-130	Pass	
Turbidity	%	101			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	122			70-130	Pass	
Total Alkalinity (as CaCO3)	%	124			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Iron	%	111			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	85			80-120	Pass	
Magnesium	%	86			80-120	Pass	
Potassium	%	89			80-120	Pass	
Sodium	%	85			80-120	Pass	
LCS - % Recovery							
Ammonia (as N)	%	98			70-130	Pass	
Chloride	%	77			70-130	Pass	
Sulphate (as SO4)	%	78			70-130	Pass	
Total Organic Carbon	%	114			70-130	Pass	
Turbidity	%	99			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	113			70-130	Pass	
Total Alkalinity (as CaCO3)	%	117			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Iron	%	115			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	86			80-120	Pass	
Magnesium	%	87			80-120	Pass	
Potassium	%	89			80-120	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Sodium	%	87			80-120	Pass	
LCS - % Recovery							
Ammonia (as N)	%	105			70-130	Pass	
Chloride	%	92			70-130	Pass	
Sulphate (as SO4)	%	88			70-130	Pass	
Turbidity	%	100			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	122			70-130	Pass	
Total Alkalinity (as CaCO3)	%	127			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Iron	%	118			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	91			80-120	Pass	
Magnesium	%	91			80-120	Pass	
Potassium	%	92			80-120	Pass	
Sodium	%	91			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	101			70-130	Pass	
Acenaphthylene	%	103			70-130	Pass	
Anthracene	%	73			70-130	Pass	
Benz(a)anthracene	%	95			70-130	Pass	
Benzo(a)pyrene	%	106			70-130	Pass	
Benzo(b&j)fluoranthene	%	116			70-130	Pass	
Benzo(g.h.i)perylene	%	87			70-130	Pass	
Benzo(k)fluoranthene	%	128			70-130	Pass	
Chrysene	%	115			70-130	Pass	
Dibenz(a.h)anthracene	%	129			70-130	Pass	
Fluoranthene	%	127			70-130	Pass	
Fluorene	%	112			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	114			70-130	Pass	
Naphthalene	%	90			70-130	Pass	
Phenanthrene	%	95			70-130	Pass	
Pyrene	%	92			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	100			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	56			25-140	Pass	
2-Chlorophenol	%	122			25-140	Pass	
2-Methylphenol (o-Cresol)	%	79			25-140	Pass	
2-Nitrophenol	%	107			25-140	Pass	
2.4-Dichlorophenol	%	93			25-140	Pass	
2.4-Dimethylphenol	%	31			25-140	Pass	
2.4-Dinitrophenol	%	37			25-140	Pass	
2.4.5-Trichlorophenol	%	91			25-140	Pass	
2.4.6-Trichlorophenol	%	96			25-140	Pass	
2.6-Dichlorophenol	%	92			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	58			25-140	Pass	
4-Chloro-3-methylphenol	%	109			25-140	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Nitrophenol	%	43			25-140	Pass	
Pentachlorophenol	%	104			25-140	Pass	
Phenol	%	38			25-140	Pass	
LCS - % Recovery							
Ammonia (as N)	%	100			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	91			85-115	Pass	
Chloride	%	92			70-130	Pass	
Sulphate (as SO4)	%	83			70-130	Pass	
Turbidity	%	100			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	114			70-130	Pass	
Total Alkalinity (as CaCO3)	%	121			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Iron	%	103			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	94			80-120	Pass	
Magnesium	%	94			80-120	Pass	
Potassium	%	91			80-120	Pass	
Sodium	%	95			80-120	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0029573	NCP	%	109			70-130	Pass	
TRH C10-C14	M26-Fe0025810	NCP	%	107			70-130	Pass	
TRH C6-C10	M26-Fe0029573	NCP	%	105			70-130	Pass	
TRH >C10-C16	M26-Fe0025810	NCP	%	103			70-130	Pass	
Naphthalene	M26-Fe0029573	NCP	%	79			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0029573	NCP	%	80			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0029573	NCP	%	92			70-130	Pass	
1.2-Dichloroethane	M26-Fe0029573	NCP	%	94			70-130	Pass	
Benzene	M26-Fe0029573	NCP	%	77			70-130	Pass	
Ethylbenzene	M26-Fe0029573	NCP	%	99			70-130	Pass	
m&p-Xylenes	M26-Fe0029573	NCP	%	75			70-130	Pass	
o-Xylene	M26-Fe0029573	NCP	%	112			70-130	Pass	
Toluene	M26-Fe0029573	NCP	%	90			70-130	Pass	
Trichloroethene	M26-Fe0029573	NCP	%	95			70-130	Pass	
Xylenes - Total*	M26-Fe0029573	NCP	%	87			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0034874	NCP	%	75			70-130	Pass	
Acenaphthylene	M26-Fe0034874	NCP	%	87			70-130	Pass	
Anthracene	M26-Fe0034874	NCP	%	94			70-130	Pass	
Benz(a)anthracene	M26-Fe0034874	NCP	%	84			70-130	Pass	
Benzo(a)pyrene	M26-Fe0034874	NCP	%	77			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0034874	NCP	%	116			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0034874	NCP	%	85			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0034874	NCP	%	79			70-130	Pass	
Chrysene	M26-Fe0034874	NCP	%	77			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0034874	NCP	%	98			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Fluoranthene	M26-Fe0034874	NCP	%	92			70-130	Pass	
Fluorene	M26-Fe0034874	NCP	%	82			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0034874	NCP	%	79			70-130	Pass	
Naphthalene	M26-Fe0034874	NCP	%	71			70-130	Pass	
Phenanthrene	M26-Fe0034874	NCP	%	94			70-130	Pass	
Pyrene	M26-Fe0034874	NCP	%	72			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0034874	NCP	%	87			70-130	Pass	
Aroclor-1260	M26-Fe0034874	NCP	%	80			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0027804	NCP	%	82			30-130	Pass	
1.2.4-Trichlorobenzene	B26-Fe0015166	NCP	%	95			70-130	Pass	
1.4-Dichlorobenzene	B26-Fe0015166	NCP	%	111			70-130	Pass	
2-Chlorophenol	M26-Fe0034874	NCP	%	69			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0034874	NCP	%	67			30-130	Pass	
2-Nitrophenol	M26-Fe0034874	NCP	%	57			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0034874	NCP	%	82			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0034874	NCP	%	83			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0027804	NCP	%	39			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0034874	NCP	%	78			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0034874	NCP	%	78			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0034874	NCP	%	86			30-130	Pass	
2.4-Dinitrotoluene	B26-Fe0015166	NCP	%	26			70-130	Fail	Q08
3&4-Methylphenol (m&p-Cresol)	M26-Fe0034874	NCP	%	48			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0034874	NCP	%	69			30-130	Pass	
4-Nitrophenol	M26-Fe0027804	NCP	%	37			30-130	Pass	
Hexachlorobenzene	M26-Fe0034874	NCP	%	84			70-130	Pass	
N-Nitrosodipropylamine	B26-Fe0015166	NCP	%	99			70-130	Pass	
Pentachlorophenol	M26-Fe0034874	NCP	%	56			30-130	Pass	
Phenol	M26-Fe0034874	NCP	%	43			30-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0030527	NCP	%	77			70-130	Pass	
Chemical Oxygen Demand (COD)	M26-Fe0031493	NCP	%	102			70-130	Pass	
Chloride	M26-Fe0030493	NCP	%	99			70-130	Pass	
Chromium (hexavalent)	M26-Fe0029175	NCP	%	120			70-130	Pass	
Ferrous Iron - Fe2+	M26-Fe0030401	NCP	%	88			70-130	Pass	
Sulphate (as SO4)	M26-Fe0030493	NCP	%	101			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0033023	NCP	%	100			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0030486	NCP	%	99			75-125	Pass	
Beryllium (filtered)	M26-Fe0030486	NCP	%	104			75-125	Pass	
Boron (filtered)	M26-Fe0035351	NCP	%	98			75-125	Pass	
Cadmium (filtered)	M26-Fe0030486	NCP	%	93			75-125	Pass	
Cobalt (filtered)	M26-Fe0030486	NCP	%	97			75-125	Pass	
Copper (filtered)	M26-Fe0030486	NCP	%	94			75-125	Pass	
Iron	M26-Fe0033023	NCP	%	110			75-125	Pass	
Lead (filtered)	M26-Fe0030486	NCP	%	89			75-125	Pass	
Manganese (filtered)	M26-Fe0030486	NCP	%	101			75-125	Pass	
Mercury (filtered)	M26-Fe0030486	NCP	%	84			75-125	Pass	
Nickel (filtered)	M26-Fe0030486	NCP	%	94			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Selenium (filtered)	M26-Fe0030486	NCP	%	87			75-125	Pass	
Zinc (filtered)	M26-Fe0030486	NCP	%	96			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0031494	NCP	%	94			75-125	Pass	
Magnesium	M26-Fe0031494	NCP	%	96			75-125	Pass	
Potassium	M26-Fe0035053	NCP	%	102			75-125	Pass	
Sodium	M26-Fe0031494	NCP	%	93			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0031793	CP	%	122			70-130	Pass	
TRH C10-C14	M26-Fe0035202	NCP	%	103			70-130	Pass	
TRH C6-C10	M26-Fe0031793	CP	%	121			70-130	Pass	
TRH >C10-C16	M26-Fe0035202	NCP	%	101			70-130	Pass	
Naphthalene	M26-Fe0031793	CP	%	107			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0031793	CP	%	105			70-130	Pass	
1.2-Dichloroethane	M26-Fe0031793	CP	%	93			70-130	Pass	
Benzene	M26-Fe0031793	CP	%	102			70-130	Pass	
Ethylbenzene	M26-Fe0031793	CP	%	111			70-130	Pass	
m&p-Xylenes	M26-Fe0031793	CP	%	112			70-130	Pass	
o-Xylene	M26-Fe0031793	CP	%	109			70-130	Pass	
Toluene	M26-Fe0031793	CP	%	108			70-130	Pass	
Trichloroethene	M26-Fe0031793	CP	%	93			70-130	Pass	
Xylenes - Total*	M26-Fe0031793	CP	%	111			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0029175	NCP	%	76			70-130	Pass	
Acenaphthylene	M26-Fe0029175	NCP	%	83			70-130	Pass	
Anthracene	M26-Fe0029175	NCP	%	101			70-130	Pass	
Benz(a)anthracene	M26-Fe0029175	NCP	%	102			70-130	Pass	
Benzo(a)pyrene	M26-Fe0029175	NCP	%	80			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0029175	NCP	%	102			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0029175	NCP	%	88			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0029175	NCP	%	96			70-130	Pass	
Chrysene	M26-Fe0029175	NCP	%	86			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0029175	NCP	%	87			70-130	Pass	
Fluoranthene	M26-Fe0029175	NCP	%	93			70-130	Pass	
Fluorene	M26-Fe0029175	NCP	%	78			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0029175	NCP	%	86			70-130	Pass	
Naphthalene	M26-Fe0029175	NCP	%	72			70-130	Pass	
Phenanthrene	M26-Fe0029175	NCP	%	97			70-130	Pass	
Pyrene	M26-Fe0029175	NCP	%	101			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0029175	NCP	%	82			70-130	Pass	
Aroclor-1260	M26-Fe0029175	NCP	%	83			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0035361	NCP	%	122			30-130	Pass	
2-Chlorophenol	M26-Fe0029175	NCP	%	58			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0029175	NCP	%	57			30-130	Pass	
2-Nitrophenol	M26-Fe0029175	NCP	%	35			30-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.4-Dichlorophenol	M26-Fe0029175	NCP	%	54			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0029175	NCP	%	71			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0035361	NCP	%	48			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0029175	NCP	%	39			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0029175	NCP	%	41			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0029175	NCP	%	32			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0029175	NCP	%	45			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0029175	NCP	%	61			30-130	Pass	
4-Nitrophenol	M26-Fe0035361	NCP	%	83			30-130	Pass	
Hexachlorobenzene	M26-Fe0029175	NCP	%	83			70-130	Pass	
Pentachlorophenol	M26-Fe0029175	NCP	%	37			30-130	Pass	
Phenol	M26-Fe0029175	NCP	%	31			30-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0027871	NCP	%	99			70-130	Pass	
Chloride	M26-Fe0030402	NCP	%	101			70-130	Pass	
Chromium (hexavalent)	M26-Fe0032047	NCP	%	81			70-130	Pass	
Ferrous Iron - Fe2+	M26-Fe0031793	CP	%	86			70-130	Pass	
Sulphate (as SO4)	M26-Fe0030402	NCP	%	103			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0036459	NCP	%	107			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0031473	NCP	%	105			75-125	Pass	
Beryllium (filtered)	M26-Fe0031473	NCP	%	108			75-125	Pass	
Boron (filtered)	M26-Fe0030486	NCP	%	97			75-125	Pass	
Cadmium (filtered)	M26-Fe0031473	NCP	%	100			75-125	Pass	
Cobalt (filtered)	M26-Fe0031473	NCP	%	103			75-125	Pass	
Copper (filtered)	M26-Fe0031473	NCP	%	99			75-125	Pass	
Iron	M26-Fe0030391	NCP	%	107			75-125	Pass	
Lead (filtered)	M26-Fe0031473	NCP	%	96			75-125	Pass	
Manganese (filtered)	M26-Fe0031473	NCP	%	98			75-125	Pass	
Mercury (filtered)	M26-Fe0035351	NCP	%	88			75-125	Pass	
Nickel (filtered)	M26-Fe0031473	NCP	%	100			75-125	Pass	
Selenium (filtered)	M26-Fe0031473	NCP	%	93			75-125	Pass	
Zinc (filtered)	M26-Fe0031473	NCP	%	104			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0033023	NCP	%	96			75-125	Pass	
Magnesium	M26-Fe0033023	NCP	%	100			75-125	Pass	
Potassium	M26-Fe0035052	NCP	%	102			75-125	Pass	
Sodium	M26-Fe0033023	NCP	%	111			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0030397	NCP	%	121			70-130	Pass	
TRH C10-C14	M26-Fe0030248	NCP	%	114			70-130	Pass	
TRH C6-C10	M26-Fe0030397	NCP	%	129			70-130	Pass	
TRH >C10-C16	M26-Fe0030248	NCP	%	111			70-130	Pass	
Naphthalene	M26-Fe0030397	NCP	%	88			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0030397	NCP	%	120			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0030397	NCP	%	113			70-130	Pass	
1.2-Dichloroethane	M26-Fe0030397	NCP	%	97			70-130	Pass	
Benzene	M26-Fe0030397	NCP	%	125			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ethylbenzene	M26-Fe0030397	NCP	%	116			70-130	Pass	
m&p-Xylenes	M26-Fe0030397	NCP	%	120			70-130	Pass	
o-Xylene	M26-Fe0030397	NCP	%	112			70-130	Pass	
Toluene	M26-Fe0030397	NCP	%	127			70-130	Pass	
Trichloroethene	M26-Fe0030397	NCP	%	126			70-130	Pass	
Xylenes - Total*	M26-Fe0030397	NCP	%	117			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0027804	NCP	%	112			70-130	Pass	
Acenaphthylene	M26-Fe0027804	NCP	%	116			70-130	Pass	
Anthracene	M26-Fe0027804	NCP	%	104			70-130	Pass	
Benz(a)anthracene	M26-Fe0027804	NCP	%	101			70-130	Pass	
Benzo(a)pyrene	M26-Fe0027804	NCP	%	111			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0027804	NCP	%	83			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0027804	NCP	%	94			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0027804	NCP	%	123			70-130	Pass	
Chrysene	M26-Fe0027804	NCP	%	120			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0027804	NCP	%	102			70-130	Pass	
Fluoranthene	M26-Fe0027804	NCP	%	95			70-130	Pass	
Fluorene	M26-Fe0027804	NCP	%	121			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0027804	NCP	%	114			70-130	Pass	
Naphthalene	M26-Fe0027804	NCP	%	94			70-130	Pass	
Phenanthrene	M26-Fe0027804	NCP	%	99			70-130	Pass	
Pyrene	M26-Fe0027804	NCP	%	99			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0027804	NCP	%	87			70-130	Pass	
Aroclor-1260	M26-Fe0027804	NCP	%	93			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0022111	NCP	%	45			30-130	Pass	
2-Chlorophenol	M26-Fe0027804	NCP	%	120			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0027804	NCP	%	117			30-130	Pass	
2-Nitrophenol	M26-Fe0027804	NCP	%	106			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0027804	NCP	%	89			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0027804	NCP	%	32			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0022111	NCP	%	55			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0027804	NCP	%	87			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0027804	NCP	%	89			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0027804	NCP	%	127			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0027804	NCP	%	85			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0027804	NCP	%	107			30-130	Pass	
4-Nitrophenol	M26-Fe0022111	NCP	%	63			30-130	Pass	
Hexachlorobenzene	M26-Fe0027804	NCP	%	119			70-130	Pass	
Pentachlorophenol	M26-Fe0027804	NCP	%	97			30-130	Pass	
Phenol	M26-Fe0027804	NCP	%	60			30-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0031941	NCP	%	82			70-130	Pass	
Chloride	M26-Fe0031487	NCP	%	90			70-130	Pass	
Sulphate (as SO4)	M26-Fe0031487	NCP	%	94			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0033747	NCP	%	97			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Beryllium (filtered)	M26-Fe0033747	NCP	%	105			75-125	Pass	
Boron (filtered)	M26-Fe0031473	NCP	%	97			75-125	Pass	
Cadmium (filtered)	M26-Fe0033747	NCP	%	97			75-125	Pass	
Cobalt (filtered)	M26-Fe0033747	NCP	%	99			75-125	Pass	
Copper (filtered)	M26-Fe0033747	NCP	%	98			75-125	Pass	
Iron	M26-Fe0034874	NCP	%	101			75-125	Pass	
Lead (filtered)	M26-Fe0033747	NCP	%	97			75-125	Pass	
Manganese (filtered)	M26-Fe0033747	NCP	%	101			75-125	Pass	
Mercury (filtered)	M26-Fe0030743	NCP	%	88			75-125	Pass	
Nickel (filtered)	M26-Fe0033747	NCP	%	98			75-125	Pass	
Selenium (filtered)	M26-Fe0033747	NCP	%	92			75-125	Pass	
Zinc (filtered)	M26-Fe0033747	NCP	%	101			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0037643	NCP	%	86			75-125	Pass	
Magnesium	M26-Fe0037643	NCP	%	86			75-125	Pass	
Potassium	M26-Fe0031494	NCP	%	96			75-125	Pass	
Sodium	M26-Fe0037643	NCP	%	82			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0036933	NCP	%	103			70-130	Pass	
Acenaphthylene	M26-Fe0036933	NCP	%	80			70-130	Pass	
Anthracene	M26-Fe0035361	NCP	%	92			70-130	Pass	
Benz(a)anthracene	M26-Fe0035361	NCP	%	99			70-130	Pass	
Benzo(a)pyrene	M26-Fe0035361	NCP	%	105			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0035361	NCP	%	121			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0035361	NCP	%	113			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0035361	NCP	%	118			70-130	Pass	
Chrysene	M26-Fe0035361	NCP	%	102			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0035361	NCP	%	113			70-130	Pass	
Fluoranthene	M26-Fe0035361	NCP	%	95			70-130	Pass	
Fluorene	M26-Fe0035361	NCP	%	110			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0035361	NCP	%	110			70-130	Pass	
Naphthalene	M26-Fe0035361	NCP	%	87			70-130	Pass	
Phenanthrene	M26-Fe0035361	NCP	%	92			70-130	Pass	
Pyrene	M26-Fe0036933	NCP	%	94			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0035361	NCP	%	123			70-130	Pass	
Aroclor-1260	M26-Fe0035361	NCP	%	80			70-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0033023	NCP	%	94			70-130	Pass	
Chloride	M26-Fe0033481	NCP	%	82			70-130	Pass	
Sulphate (as SO4)	M26-Fe0033481	NCP	%	95			70-130	Pass	
2-Chlorophenol	M26-Fe0035361	NCP	%	106			30-130	Pass	
2-Methyl-4.6-dinitrophenol	S26-Fe0015204	NCP	%	120			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0042124	NCP	%	110			30-130	Pass	
2-Nitrophenol	M26-Fe0042124	NCP	%	95			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0042124	NCP	%	98			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0042124	NCP	%	65			30-130	Pass	
2.4-Dinitrophenol	S26-Fe0015204	NCP	%	93			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0042124	NCP	%	94			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0042124	NCP	%	98			30-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.6-Dichlorophenol	M26-Fe0042124	NCP	%	106			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0042124	NCP	%	81			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0035361	NCP	%	105			30-130	Pass	
4-Nitrophenol	S26-Fe0015204	NCP	%	103			30-130	Pass	
Hexachlorobenzene	M26-Fe0042124	NCP	%	89			70-130	Pass	
Pentachlorophenol	M26-Fe0035361	NCP	%	100			30-130	Pass	
Phenol	M26-Fe0035361	NCP	%	91			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0030396	NCP	%	105			75-125	Pass	
Beryllium (filtered)	M26-Fe0030396	NCP	%	109			75-125	Pass	
Cadmium (filtered)	M26-Fe0030396	NCP	%	94			75-125	Pass	
Cobalt (filtered)	M26-Fe0030396	NCP	%	100			75-125	Pass	
Copper (filtered)	M26-Fe0030396	NCP	%	97			75-125	Pass	
Iron	M26-Fe0031795	CP	%	110			75-125	Pass	
Lead (filtered)	M26-Fe0030396	NCP	%	88			75-125	Pass	
Manganese (filtered)	M26-Fe0030396	NCP	%	108			75-125	Pass	
Mercury (filtered)	M26-Fe0031473	NCP	%	89			75-125	Pass	
Nickel (filtered)	M26-Fe0030396	NCP	%	96			75-125	Pass	
Selenium (filtered)	M26-Fe0030396	NCP	%	86			75-125	Pass	
Zinc (filtered)	M26-Fe0030396	NCP	%	102			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0035361	NCP	%	89			75-125	Pass	
Magnesium	M26-Fe0035361	NCP	%	89			75-125	Pass	
Potassium	M26-Fe0033023	NCP	%	97			75-125	Pass	
Sodium	M26-Fe0035361	NCP	%	90			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0036924	NCP	%	110			70-130	Pass	
Acenaphthylene	M26-Fe0036924	NCP	%	85			70-130	Pass	
Anthracene	M26-Fe0022111	NCP	%	85			70-130	Pass	
Benz(a)anthracene	M26-Fe0022111	NCP	%	118			70-130	Pass	
Benzo(a)pyrene	M26-Fe0022111	NCP	%	81			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0022111	NCP	%	95			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0022111	NCP	%	84			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0022111	NCP	%	97			70-130	Pass	
Chrysene	M26-Fe0022111	NCP	%	89			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0022111	NCP	%	74			70-130	Pass	
Fluoranthene	M26-Fe0022111	NCP	%	75			70-130	Pass	
Fluorene	M26-Fe0022111	NCP	%	94			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0022111	NCP	%	86			70-130	Pass	
Naphthalene	M26-Fe0022111	NCP	%	87			70-130	Pass	
Phenanthrene	M26-Fe0022111	NCP	%	86			70-130	Pass	
Pyrene	M26-Fe0036924	NCP	%	101			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0022111	NCP	%	82			70-130	Pass	
Aroclor-1260	M26-Fe0022111	NCP	%	86			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0031492	NCP	%	105			75-125	Pass	
Beryllium (filtered)	M26-Fe0031492	NCP	%	108			75-125	Pass	
Cadmium (filtered)	M26-Fe0031492	NCP	%	98			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Cobalt (filtered)	M26-Fe0031492	NCP	%	101			75-125	Pass	
Copper (filtered)	M26-Fe0031492	NCP	%	100			75-125	Pass	
Iron	M26-Fe0034938	NCP	%	113			75-125	Pass	
Lead (filtered)	M26-Fe0031492	NCP	%	92			75-125	Pass	
Manganese (filtered)	M26-Fe0030743	NCP	%	102			75-125	Pass	
Mercury (filtered)	M26-Fe0033747	NCP	%	92			75-125	Pass	
Nickel (filtered)	M26-Fe0031492	NCP	%	101			75-125	Pass	
Selenium (filtered)	M26-Fe0031492	NCP	%	90			75-125	Pass	
Zinc (filtered)	M26-Fe0031492	NCP	%	100			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0035218	NCP	%	89			75-125	Pass	
Magnesium	M26-Fe0035218	NCP	%	89			75-125	Pass	
Potassium	M26-Fe0037643	NCP	%	89			75-125	Pass	
Sodium	M26-Fe0035218	NCP	%	79			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0035361	NCP	%	100			70-130	Pass	
Acenaphthylene	M26-Fe0035361	NCP	%	105			70-130	Pass	
Anthracene	M26-Fe0042124	NCP	%	103			70-130	Pass	
Benz(a)anthracene	M26-Fe0042124	NCP	%	94			70-130	Pass	
Benzo(a)pyrene	M26-Fe0042124	NCP	%	95			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0042124	NCP	%	97			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0042124	NCP	%	91			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0042124	NCP	%	127			70-130	Pass	
Chrysene	M26-Fe0042124	NCP	%	70			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0042124	NCP	%	73			70-130	Pass	
Fluoranthene	M26-Fe0042124	NCP	%	114			70-130	Pass	
Fluorene	M26-Fe0042124	NCP	%	127			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0042124	NCP	%	71			70-130	Pass	
Naphthalene	M26-Fe0042124	NCP	%	74			70-130	Pass	
Phenanthrene	M26-Fe0042124	NCP	%	92			70-130	Pass	
Pyrene	M26-Fe0035361	NCP	%	103			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0042124	NCP	%	98			70-130	Pass	
Aroclor-1260	M26-Fe0042124	NCP	%	97			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0030743	NCP	%	96			75-125	Pass	
Beryllium (filtered)	M26-Fe0030743	NCP	%	104			75-125	Pass	
Cadmium (filtered)	M26-Fe0030743	NCP	%	93			75-125	Pass	
Cobalt (filtered)	M26-Fe0030743	NCP	%	98			75-125	Pass	
Copper (filtered)	M26-Fe0030743	NCP	%	96			75-125	Pass	
Iron	M26-Fe0031496	NCP	%	95			75-125	Pass	
Lead (filtered)	M26-Fe0030743	NCP	%	87			75-125	Pass	
Manganese (filtered)	M26-Fe0035351	NCP	%	106			75-125	Pass	
Mercury (filtered)	M26-Fe0030396	NCP	%	82			75-125	Pass	
Nickel (filtered)	M26-Fe0030743	NCP	%	97			75-125	Pass	
Selenium (filtered)	M26-Fe0030743	NCP	%	86			75-125	Pass	
Zinc (filtered)	M26-Fe0030743	NCP	%	102			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0036934	NCP	%	93			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Magnesium	M26-Fe0036934	NCP	%	90			75-125	Pass	
Potassium	M26-Fe0035361	NCP	%	91			75-125	Pass	
Sodium	M26-Fe0036934	NCP	%	86			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0036709	NCP	%	128			70-130	Pass	
TRH C10-C14	M26-Fe0031682	NCP	%	88			70-130	Pass	
TRH C6-C10	M26-Fe0036709	NCP	%	128			70-130	Pass	
TRH >C10-C16	M26-Fe0031682	NCP	%	86			70-130	Pass	
Naphthalene	M26-Fe0036709	NCP	%	85			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0036709	NCP	%	112			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0036709	NCP	%	116			70-130	Pass	
1.2-Dichloroethane	M26-Fe0036709	NCP	%	93			70-130	Pass	
Benzene	M26-Fe0036709	NCP	%	91			70-130	Pass	
Ethylbenzene	M26-Fe0036709	NCP	%	100			70-130	Pass	
m&p-Xylenes	M26-Fe0036709	NCP	%	106			70-130	Pass	
o-Xylene	M26-Fe0036709	NCP	%	101			70-130	Pass	
Toluene	M26-Fe0036709	NCP	%	111			70-130	Pass	
Trichloroethene	M26-Fe0036709	NCP	%	81			70-130	Pass	
Xylenes - Total*	M26-Fe0036709	NCP	%	104			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0022111	NCP	%	85			70-130	Pass	
Acenaphthylene	M26-Fe0022111	NCP	%	93			70-130	Pass	
Anthracene	M26-Fe0019426	NCP	%	88			70-130	Pass	
Benz(a)anthracene	M26-Fe0019426	NCP	%	103			70-130	Pass	
Benzo(a)pyrene	M26-Fe0019426	NCP	%	121			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0019426	NCP	%	93			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0019426	NCP	%	107			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0019426	NCP	%	122			70-130	Pass	
Chrysene	M26-Fe0019426	NCP	%	87			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0019426	NCP	%	118			70-130	Pass	
Fluoranthene	M26-Fe0019426	NCP	%	104			70-130	Pass	
Fluorene	M26-Fe0019426	NCP	%	127			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0019426	NCP	%	95			70-130	Pass	
Naphthalene	M26-Fe0019426	NCP	%	111			70-130	Pass	
Phenanthrene	M26-Fe0019426	NCP	%	76			70-130	Pass	
Pyrene	M26-Fe0022111	NCP	%	80			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0019426	NCP	%	96			70-130	Pass	
Aroclor-1260	M26-Fe0019426	NCP	%	95			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0019426	NCP	%	63			30-130	Pass	
2-Chlorophenol	M26-Fe0036933	NCP	%	103			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0035361	NCP	%	71			30-130	Pass	
2-Nitrophenol	M26-Fe0035361	NCP	%	126			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0035361	NCP	%	117			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0035361	NCP	%	41			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0019426	NCP	%	35			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0035361	NCP	%	117			30-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.4.6-Trichlorophenol	M26-Fe0035361	NCP	%	130			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0035361	NCP	%	95			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0035361	NCP	%	57			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0036933	NCP	%	116			30-130	Pass	
4-Nitrophenol	B26-Fe0015166	NCP	%	98			30-130	Pass	
Hexachlorobenzene	M26-Fe0035361	NCP	%	104			70-130	Pass	
Pentachlorophenol	M26-Fe0036933	NCP	%	103			30-130	Pass	
Phenol	M26-Fe0036933	NCP	%	75			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0035351	NCP	%	102			75-125	Pass	
Beryllium (filtered)	M26-Fe0035351	NCP	%	110			75-125	Pass	
Cadmium (filtered)	M26-Fe0035351	NCP	%	96			75-125	Pass	
Cobalt (filtered)	M26-Fe0035351	NCP	%	101			75-125	Pass	
Copper (filtered)	M26-Fe0035351	NCP	%	98			75-125	Pass	
Iron	M26-Fe0031941	NCP	%	103			75-125	Pass	
Lead (filtered)	M26-Fe0035351	NCP	%	91			75-125	Pass	
Mercury (filtered)	M26-Fe0031492	NCP	%	89			75-125	Pass	
Nickel (filtered)	M26-Fe0035351	NCP	%	99			75-125	Pass	
Selenium (filtered)	M26-Fe0035351	NCP	%	89			75-125	Pass	
Zinc (filtered)	M26-Fe0035351	NCP	%	103			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0034946	NCP	%	91			75-125	Pass	
Magnesium	M26-Fe0034946	NCP	%	91			75-125	Pass	
Potassium	M26-Fe0035218	NCP	%	91			75-125	Pass	
Sodium	M26-Fe0034946	NCP	%	91			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0037653	NCP	%	123			70-130	Pass	
TRH C10-C14	M26-Fe0029573	NCP	%	115			70-130	Pass	
TRH C6-C10	M26-Fe0037653	NCP	%	122			70-130	Pass	
TRH >C10-C16	M26-Fe0029573	NCP	%	112			70-130	Pass	
Naphthalene	M26-Fe0037653	NCP	%	82			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0037653	NCP	%	114			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0037653	NCP	%	100			70-130	Pass	
1.2-Dichloroethane	M26-Fe0037653	NCP	%	91			70-130	Pass	
Benzene	M26-Fe0037653	NCP	%	101			70-130	Pass	
Ethylbenzene	M26-Fe0037653	NCP	%	107			70-130	Pass	
m&p-Xylenes	M26-Fe0037653	NCP	%	108			70-130	Pass	
o-Xylene	M26-Fe0037653	NCP	%	103			70-130	Pass	
Toluene	M26-Fe0037653	NCP	%	104			70-130	Pass	
Trichloroethene	M26-Fe0037653	NCP	%	93			70-130	Pass	
Xylenes - Total*	M26-Fe0037653	NCP	%	106			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	B26-Fe0015166	NCP	%	106			70-130	Pass	
Acenaphthylene	M26-Fe0019426	NCP	%	119			70-130	Pass	
Anthracene	S26-Fe0015204	NCP	%	96			70-130	Pass	
Benz(a)anthracene	S26-Fe0015204	NCP	%	112			70-130	Pass	
Benzo(a)pyrene	S26-Fe0015204	NCP	%	128			70-130	Pass	
Benzo(b&j)fluoranthene	S26-Fe0015204	NCP	%	92			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Benzo(g.h.i)perylene	S26-Fe0015204	NCP	%	128			70-130	Pass	
Benzo(k)fluoranthene	S26-Fe0015204	NCP	%	93			70-130	Pass	
Chrysene	S26-Fe0015204	NCP	%	92			70-130	Pass	
Dibenz(a.h)anthracene	S26-Fe0015204	NCP	%	104			70-130	Pass	
Fluoranthene	S26-Fe0015204	NCP	%	121			70-130	Pass	
Fluorene	S26-Fe0015204	NCP	%	108			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S26-Fe0015204	NCP	%	97			70-130	Pass	
Naphthalene	S26-Fe0015204	NCP	%	121			70-130	Pass	
Phenanthrene	S26-Fe0015204	NCP	%	113			70-130	Pass	
Pyrene	B26-Fe0015166	NCP	%	80			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	S26-Fe0015204	NCP	%	85			70-130	Pass	
Aroclor-1260	S26-Fe0015204	NCP	%	83			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0042124	NCP	%	82			30-130	Pass	
2-Chlorophenol	M26-Fe0036924	NCP	%	103			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0022111	NCP	%	59			30-130	Pass	
2-Nitrophenol	M26-Fe0022111	NCP	%	71			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0022111	NCP	%	85			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0022111	NCP	%	63			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0042124	NCP	%	56			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0022111	NCP	%	83			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0022111	NCP	%	85			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0022111	NCP	%	105			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0022111	NCP	%	50			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0036924	NCP	%	113			30-130	Pass	
4-Nitrophenol	M26-Fe0019426	NCP	%	70			30-130	Pass	
Hexachlorobenzene	M26-Fe0022111	NCP	%	91			70-130	Pass	
Pentachlorophenol	M26-Fe0036924	NCP	%	110			30-130	Pass	
Phenol	M26-Fe0036924	NCP	%	79			30-130	Pass	
Spike - % Recovery									
				Result 1					
Chemical Oxygen Demand (COD)	M26-Fe0031799	CP	%	92			70-130	Pass	
Chloride	M26-Fe0033494	NCP	%	85			70-130	Pass	
Sulphate (as SO4)	M26-Fe0033494	NCP	%	84			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Iron	M26-Fe0034245	NCP	%	119			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0037476	NCP	%	107			75-125	Pass	
Magnesium	M26-Fe0037476	NCP	%	112			75-125	Pass	
Potassium	M26-Fe0036934	NCP	%	90			75-125	Pass	
Sodium	M26-Fe0036404	NCP	%	95			75-125	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	M26-Fe0031792	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C10-C14	M26-Fe0025809	NCP	mg/L	6.3	6.3	<1	30%	Pass	
TRH C15-C28	M26-Fe0025809	NCP	mg/L	0.9	0.9	2.0	30%	Pass	
TRH C29-C36	M26-Fe0025809	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C6-C10	M26-Fe0031792	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH >C10-C16	M26-Fe0025809	NCP	mg/L	2.9	2.9	2.0	30%	Pass	
Naphthalene	M26-Fe0031792	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH >C16-C34	M26-Fe0025809	NCP	mg/L	0.6	0.6	5.0	30%	Pass	
TRH >C34-C40	M26-Fe0025809	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1-Dichloroethene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1-Trichloroethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromobenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1.2-Dichloroethene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
cis-1.3-Dichloropropene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Ethylbenzene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iodomethane	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Isopropyl benzene (Cumene)	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	M26-Fe0031792	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methylene Chloride	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
o-Xylene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Styrene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Toluene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.2-Dichloroethene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.3-Dichloropropene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	M26-Fe0031792	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichlorofluoromethane	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vinyl chloride	M26-Fe0031792	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Xylenes - Total*	M26-Fe0031792	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Anthracene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benz(a)anthracene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chrysene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.h)anthracene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluoranthene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Naphthalene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenanthrene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pyrene	M26-Fe0023967	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1221	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1232	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1242	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1248	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1254	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1260	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Total PCB*	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0023967	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Chloronaphthalene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1-Naphthylamine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0023967	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0023967	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Naphthylamine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Nitroaniline	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0023967	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0023967	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dichlorophenol	M26-Fe0023967	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dimethylphenol	M26-Fe0023967	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	M26-Fe0023967	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0023967	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	M26-Fe0023967	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dichlorophenol	M26-Fe0023967	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0023967	NCP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chloro-3-methylphenol	M26-Fe0023967	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
4-Nitrophenol	M26-Fe0023967	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
N-Nitrosodibutylamine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0023967	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0023967	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0023967	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0023967	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Biochemical Oxygen Demand (BOD-5 Day)	M26-Fe0030624	NCP	mg/L	17000	17000	<1	30%	Pass	
Chemical Oxygen Demand (COD)	M26-Fe0031502	NCP	mg/L	< 25	< 25	<1	30%	Pass	
Ferrous Iron - Fe2+	M26-Fe0031792	CP	mg/L	< 0.05	0.07	9.0	30%	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0032448	NCP	mg/L	280	290	2.0	30%	Pass	
Duplicate									
Alkalinity (speciated)				Result 1	Result 2	RPD			
Bicarbonate Alkalinity (as CaCO3)	M26-Fe0030727	NCP	mg/L	340	340	1.0	30%	Pass	
Carbonate Alkalinity (as CaCO3)	M26-Fe0030727	NCP	mg/L	< 10	< 10	<1	30%	Pass	
Hydroxide Alkalinity (as CaCO3)	M26-Fe0030727	NCP	mg/L	< 20	< 20	<1	30%	Pass	
Total Alkalinity (as CaCO3)	M26-Fe0030727	NCP	mg/L	340	340	1.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	M26-Fe0030486	NCP	mg/L	0.001	0.001	13	30%	Pass	
Beryllium (filtered)	M26-Fe0030486	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Boron (filtered)	M26-Fe0035351	NCP	mg/L	< 0.5	< 0.5	<1	30%	Pass	
Cadmium (filtered)	M26-Fe0030486	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Cobalt (filtered)	M26-Fe0030486	NCP	mg/L	0.003	0.003	<1	30%	Pass	
Copper (filtered)	M26-Fe0030486	NCP	mg/L	0.006	0.006	3.0	30%	Pass	
Lead (filtered)	M26-Fe0030486	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Manganese (filtered)	M26-Fe0030486	NCP	mg/L	0.013	0.014	3.0	30%	Pass	
Mercury (filtered)	M26-Fe0030486	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	M26-Fe0030486	NCP	mg/L	0.007	0.007	1.0	30%	Pass	
Selenium (filtered)	M26-Fe0030486	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc (filtered)	M26-Fe0030486	NCP	mg/L	0.035	0.036	3.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C10	M26-Fe0030732	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Naphthalene	M26-Fe0030732	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0029572	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Naphthylamine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.2.3.5-Tetrachlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0029572	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0029572	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0029572	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0029572	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0029572	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0029572	NCP	mg/L	0.006	0.006	3.0	30%	Pass	
b-HCH	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Hexachlorocyclopentadiene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0029572	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0029572	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0029572	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0029572	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C10	M26-Fe0030735	NCP	mg/L	1.0	0.92	8.0	30%	Pass	
Naphthalene	M26-Fe0030735	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0027809	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Naphthylamine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0027809	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0027809	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0027809	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0027809	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0027809	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
7.12-Dimethylbenz(a)anthracene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0027809	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0027809	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0027809	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0027809	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Chromium (hexavalent)	M26-Fe0031794	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Turbidity	M26-Fe0031794	CP	NTU	1.2	1.2	3.0	30%	Pass	

Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
1-Naphthylamine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0036930	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	M26-Fe0036930	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0036930	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0036930	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0036930	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
				Result 1	Result 2	RPD			
Endosulfan II	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0036930	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0036930	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0036930	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0036930	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Iron	M26-Fe0031795	CP	mg/L	0.14	0.14	4.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
2.3.4.6-Tetrachlorophenol	M26-Fe0036930	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Ammonia (as N)	M26-Fe0031796	CP	mg/L	0.04	0.04	12	30%	Pass	
Total Organic Carbon	M26-Fe0031796	CP	mg/L	44	43	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C10	M26-Fe0035360	NCP	mg/L	0.05	0.05	10	30%	Pass	
Naphthalene	M26-Fe0035360	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0028505	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Naphthylamine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0028505	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Nitroaniline	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0028505	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0028505	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0028505	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0028505	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0028505	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0028505	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Phenol	M26-Fe0028505	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0028505	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Turbidity	M26-Fe0031798	CP	NTU	52	44	17	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C10	M26-Fe0037645	NCP	mg/L	Dil 0	Dil 0	n/a	30%	Pass	
Naphthalene	M26-Fe0037645	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0028394	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Naphthylamine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0028394	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0028394	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0028394	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0028394	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0028394	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0028394	NCP	mg/L	< 0.005	0.006	15	30%	Pass	
b-HCH	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Bis(2-ethylhexyl)phthalate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0028394	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0028394	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0028394	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0028394	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Chloride	M26-Fe0031799	CP	mg/L	9.3	9.4	1.0	30%	Pass	
Sulphate (as SO4)	M26-Fe0031799	CP	mg/L	8.5	6.9	21	30%	Pass	
Hardness mg equivalent CaCO3/L	M26-Fe0031799	CP	mg/L	35	36	1.0	30%	Pass	
Duplicate									
Alkali Metals				Result 1	Result 2	RPD			
Calcium	M26-Fe0031799	CP	mg/L	12	12	1.0	30%	Pass	
Magnesium	M26-Fe0031799	CP	mg/L	1.2	1.2	2.0	30%	Pass	
Potassium	M26-Fe0031799	CP	mg/L	3.5	3.8	9.0	30%	Pass	
Sodium	M26-Fe0031799	CP	mg/L	< 1	< 1	<1	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.

Authorised by:

Karl Bulow	Analytical Services Manager
Caitlin Breeze	Senior Analyst-Inorganic
Carroll Lee	Senior Analyst-Volatile
Edward Lee	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Volatile
Luke Holt	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Metal
Sheha Prakash	Senior Analyst-Organic



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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11 FEB 2026

12 FEB 2026

CHAIN OF CUSTODY RECORD

eurofins mgt

CLIENT DETAILS

Company Name : Tierra Environment	Contact Name : Daryl Burrows	Purchase Order : NA	COC Number : T2067
Office Address :	Project Manager : Daryl Burrows	Project Number : AAQ 06 023.30	QUOTE ID : 260210TIES
	Email for results : general@tierra.com.au	Project Name : Alice Springs Landfill	Esdat

Special Directions & Comments :

*Metals to consist of Sb, As, Ba, Be, Cd, Cr, Cr3+, Cr6+, Co, Cu, Fe (total) Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn

Laboratory Address

Eurofins - Melbourne
6 Monterey Road, Dandenong South, VIC 3175
Phone: 03 8584 5000
Fax: 03 8564 5090
Email: EnviroSampleVic@eurofins.com

	Sample ID	Date	Matrix	Turbidity	B11E: Anion Suite - Chloride, SO4, Alkalinity	B11D: Cation Suite _ NA, K, Ca, Mg, Hardness	Organic N (Ammonia, TKN, Organic N)	TOC	BOD 5 Day	COD	M13 - Metals*	Ferrous/Ferric Fe Speciation	PAH	PCB	TRH	SVV: SVOC, VOC	VOC		Hold	Containers 500P	250A	100P	250A	VIAL	125mL A	Jar	Sample Comments
1	MW5-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
2	MW6-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
3	MW82-A	10-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
4	MW83-A	11-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
5																											
6	SW4-A	11-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x				2	1	4		3	1		
7																											
8	20260211TB1	11-Feb-26	Water														x							2			
9	20260211R1	11-Feb-26	Water								x											1					
10	20260211FB1	11-Feb-26	Water																x			1					
11																											
12																											
13																											
14																											
15																											
16																											
17																											

Relinquished By: Daryl Burrows	Laboratory Staff Adelaide	Laboratory Staff Melbourne	Turn around Time	Method Of Shipment
Date & Time : 10/02/26 11am	Received By: Jayden Hughes	Received By:	24 Hrs 48 Hrs	[x] Courier
Signature:	Date & Time : 12/2 10:15	Date & Time :		[ ] Hand Delivered
	Signature:	Signature:	[5 Days] 10 Days	[ ] Postal
	Report Number :	Report Number :		

5.9°C (chill)

#1322963

= 12/2/26

Tierra Environmental Pty Ltd
PO Box 360
Mitcham
SA 5062

NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Daryl Burrows**

Report **1322963-W**
Project name Alice Springs Landfill
Project ID AAQ 06 023.30
Received Date Feb 12, 2026

Client Sample ID			**MW5-A**	**MW6-A**	**MW82-A**	**MW83-A**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**M26-Fe0036709**	**M26-Fe0036710**	**M26-Fe0036711**	**M26-Fe0036712**
Date Sampled			**Feb 10, 2026**	**Feb 10, 2026**	**Feb 10, 2026**	**Feb 11, 2026**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW5-A	MW6-A	MW82-A	MW83-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0036709	M26-Fe0036710	M26-Fe0036711	M26-Fe0036712
Date Sampled			Feb 10, 2026	Feb 10, 2026	Feb 10, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Volatile Organics						
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	0.001	< 0.001	0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	83	86	89	85
Toluene-d8 (surr.)	1	%	95	98	102	94
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW5-A	MW6-A	MW82-A	MW83-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0036709	M26-Fe0036710	M26-Fe0036711	M26-Fe0036712
Date Sampled			Feb 10, 2026	Feb 10, 2026	Feb 10, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	115	120	117	114
p-Terphenyl-d14 (surr.)	1	%	100	117	108	116
Polychlorinated Biphenyls						
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	93	111	99	115
Tetrachloro-m-xylene (surr.)	1	%	112	116	110	112
Semivolatile Organics						
Aldrin and Dieldrin (Total)*	0.0001	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
DDT + DDE + DDD (Total)*	0.0001	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Fluorobiphenyl (surr.)	1	%	115	120	117	114
2-Methylnaphthalene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Picoline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01

Client Sample ID			MW5-A	MW6-A	MW82-A	MW83-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0036709	M26-Fe0036710	M26-Fe0036711	M26-Fe0036712
Date Sampled			Feb 10, 2026	Feb 10, 2026	Feb 10, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4.6-Tribromophenol (surr.)	1	%	109	110	94	99
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2.4-Dinitrotoluene + 2.6-Dinitrotoluene*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006	< 0.006	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03	< 0.03	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
a-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acetophenone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aniline	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
b-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
d-HCH	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dieldrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

Client Sample ID			MW5-A	MW6-A	MW82-A	MW83-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0036709	M26-Fe0036710	M26-Fe0036711	M26-Fe0036712
Date Sampled			Feb 10, 2026	Feb 10, 2026	Feb 10, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endrin ketone	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
g-HCH (Lindane)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Methoxychlor	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Nitrobenzene	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene-d5 (surr.)	1	%	120	121	121	121
Pentachlorobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenol	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	55	55	53	54
Pronamide	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trifluralin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Haloethers						
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ammonia (as N)	0.01	mg/L	< 0.01	0.18	< 0.01	< 0.01
Biochemical Oxygen Demand (BOD-5 Day)	5	mg/L	< 5	< 5	< 5	< 5
Chemical Oxygen Demand (COD)	25	mg/L	< 25	< 25	< 25	25
Chloride	1	mg/L	690	570	660	470
Chromium (hexavalent)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chromium (trivalent)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ferric Iron - Fe3+	0.05	mg/L	< 0.05	0.11	0.05	< 0.05
Ferrous Iron - Fe2+	0.05	mg/L	< 0.05	0.20	< 0.05	< 0.05
Organic Nitrogen (as N)*	0.2	mg/L	1.5	1.32	0.3	1.5
Sulphate (as SO4)	5	mg/L	1700	560	1100	1200
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	1.5	1.5	0.3	1.5
Total Organic Carbon	5	mg/L	36	51	47	37
Turbidity	1	NTU	< 1	190	< 1	130
Hardness mg equivalent CaCO3/L	5	mg/L	1400	930	1100	1200

Client Sample ID			MW5-A	MW6-A	MW82-A	MW83-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0036709	M26-Fe0036710	M26-Fe0036711	M26-Fe0036712
Date Sampled			Feb 10, 2026	Feb 10, 2026	Feb 10, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Alkalinity (speciated)						
Bicarbonate Alkalinity (as CaCO3)	20	mg/L	390	440	440	360
Carbonate Alkalinity (as CaCO3)	10	mg/L	< 10	< 10	< 10	< 10
Hydroxide Alkalinity (as CaCO3)	20	mg/L	< 20	< 20	< 20	< 20
Total Alkalinity (as CaCO3)	20	mg/L	390	440	440	360
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	< 0.001	0.013	< 0.001	0.001
Beryllium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Boron (filtered)	0.05	mg/L	0.74	< 0.5	< 0.5	< 0.5
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Cobalt (filtered)	0.001	mg/L	0.001	< 0.001	< 0.001	0.002
Copper (filtered)	0.001	mg/L	0.009	< 0.001	0.003	0.003
Iron	0.05	mg/L	< 0.05	0.31	0.05	< 0.05
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Manganese (filtered)	0.005	mg/L	2.8	0.044	0.38	0.038
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.004	0.002	0.002	0.002
Selenium (filtered)	0.001	mg/L	0.003	< 0.001	0.002	0.002
Zinc (filtered)	0.005	mg/L	0.009	< 0.005	< 0.005	0.021
Alkali Metals						
Calcium	0.5	mg/L	300	210	240	270
Magnesium	0.5	mg/L	160	95	120	120
Potassium	0.5	mg/L	20	8.9	12	14
Sodium	0.5	mg/L	550	360	520	340

Client Sample ID			SW4-A	20260211TB1	20260211RB1
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0036713	M26-Fe0036714	M26-Fe0036715
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	0.02	mg/L	< 0.02	-	-
TRH C10-C14	0.05	mg/L	< 0.05	-	-
TRH C15-C28	0.1	mg/L	< 0.1	-	-
TRH C29-C36	0.1	mg/L	< 0.1	-	-
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	-	-
TRH C6-C10	0.02	mg/L	< 0.02	-	-
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	-	-
TRH >C10-C16	0.05	mg/L	< 0.05	-	-
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	< 0.05	-	-
Naphthalene[N02]	0.01	mg/L	< 0.01	-	-
TRH >C16-C34	0.1	mg/L	< 0.1	-	-
TRH >C34-C40	0.1	mg/L	< 0.1	-	-
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	-	-

Client Sample ID			SW4-A	20260211TB1	20260211RB1
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0036713	M26-Fe0036714	M26-Fe0036715
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit			
Volatile Organics					
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	-
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	-
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	-
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	-
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	-
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	-
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	-
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	-
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	-
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	-
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	-
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	-
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	-
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	-
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	-
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	-
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	-
2-Propanone (Acetone)	0.005	mg/L	0.015	< 0.005	-
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	-
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	-
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	-
Benzene	0.001	mg/L	< 0.001	< 0.001	-
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	-
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	-
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	-
Bromoform	0.001	mg/L	< 0.001	< 0.001	-
Bromomethane	0.005	mg/L	< 0.005	< 0.005	-
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	-
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	-
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	-
Chloroethane	0.005	mg/L	< 0.005	< 0.005	-
Chloroform	0.005	mg/L	< 0.005	< 0.005	-
Chloromethane	0.005	mg/L	< 0.005	< 0.005	-
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	-
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	-
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	-
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	-
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	-
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	-
Iodomethane	0.001	mg/L	< 0.001	< 0.001	-
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	-
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	-
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	-
o-Xylene	0.001	mg/L	< 0.001	< 0.001	-
Styrene	0.001	mg/L	< 0.001	< 0.001	-
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	-
Toluene	0.001	mg/L	< 0.001	< 0.001	-
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	-
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	-

Client Sample ID			SW4-A	20260211TB1	20260211RB1
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0036713	M26-Fe0036714	M26-Fe0036715
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit			
Volatile Organics					
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	-
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	-
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	-
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	-
Total MAH*	0.003	mg/L	< 0.003	< 0.003	-
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	-
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	-
4-Bromofluorobenzene (surr.)	1	%	85	85	-
Toluene-d8 (surr.)	1	%	95	97	-
Polycyclic Aromatic Hydrocarbons					
Acenaphthene	0.001	mg/L	< 0.001	-	-
Acenaphthylene	0.001	mg/L	< 0.001	-	-
Anthracene	0.001	mg/L	< 0.001	-	-
Benz(a)anthracene	0.001	mg/L	< 0.001	-	-
Benzo(a)pyrene	0.001	mg/L	< 0.001	-	-
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	-	-
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	-	-
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	-	-
Chrysene	0.001	mg/L	< 0.001	-	-
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	-	-
Fluoranthene	0.001	mg/L	< 0.001	-	-
Fluorene	0.001	mg/L	< 0.001	-	-
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	-	-
Naphthalene	0.001	mg/L	< 0.001	-	-
Phenanthrene	0.001	mg/L	< 0.001	-	-
Pyrene	0.001	mg/L	< 0.001	-	-
Total PAH*	0.001	mg/L	< 0.001	-	-
2-Fluorobiphenyl (surr.)	1	%	84	-	-
p-Terphenyl-d14 (surr.)	1	%	98	-	-
Polychlorinated Biphenyls					
Aroclor-1016	0.005	mg/L	< 0.005	-	-
Aroclor-1221	0.005	mg/L	< 0.005	-	-
Aroclor-1232	0.005	mg/L	< 0.005	-	-
Aroclor-1242	0.005	mg/L	< 0.005	-	-
Aroclor-1248	0.005	mg/L	< 0.005	-	-
Aroclor-1254	0.005	mg/L	< 0.005	-	-
Aroclor-1260	0.005	mg/L	< 0.005	-	-
Total PCB*	0.005	mg/L	< 0.005	-	-
Dibutylchlorendate (surr.)	1	%	91	-	-
Tetrachloro-m-xylene (surr.)	1	%	98	-	-
Semivolatile Organics					
Aldrin and Dieldrin (Total)*	0.0001	mg/L	< 0.005	-	-
DDT + DDE + DDD (Total)*	0.0001	mg/L	< 0.005	-	-
Total PAH*	0.001	mg/L	< 0.001	-	-
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	-	-
1-Chloronaphthalene	0.005	mg/L	< 0.005	-	-
1-Naphthylamine	0.005	mg/L	< 0.005	-	-
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	-	-
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	-	-

Client Sample ID			SW4-A	20260211TB1	20260211RB1
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0036713	M26-Fe0036714	M26-Fe0036715
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit			
Semivolatile Organics					
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	-	-
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	-	-
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	-	-
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	-	-
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	-	-
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	-	-
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	-	-
2-Chloronaphthalene	0.005	mg/L	< 0.005	-	-
2-Chlorophenol	0.003	mg/L	< 0.003	-	-
2-Fluorobiphenyl (surr.)	1	%	84	-	-
2-Methylnaphthalene	0.005	mg/L	< 0.005	-	-
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	-	-
2-Naphthylamine	0.005	mg/L	< 0.005	-	-
2-Nitroaniline	0.005	mg/L	< 0.005	-	-
2-Nitrophenol	0.01	mg/L	< 0.01	-	-
2-Picoline	0.005	mg/L	< 0.005	-	-
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	-	-
2.4-Dichlorophenol	0.003	mg/L	< 0.003	-	-
2.4-Dimethylphenol	0.003	mg/L	< 0.003	-	-
2.4-Dinitrophenol	0.03	mg/L	< 0.03	-	-
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	-	-
2.4.6-Tribromophenol (surr.)	1	%	89	-	-
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	-	-
2.6-Dichlorophenol	0.003	mg/L	< 0.003	-	-
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	-	-
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	-	-
2.4-Dinitrotoluene + 2.6-Dinitrotoluene*	0.005	mg/L	< 0.005	-	-
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	-	-
3-Methylcholanthrene	0.005	mg/L	< 0.005	-	-
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	-	-
4-Aminobiphenyl	0.005	mg/L	< 0.005	-	-
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	-	-
4-Nitrophenol	0.03	mg/L	< 0.03	-	-
4.4'-DDD	0.005	mg/L	< 0.005	-	-
4.4'-DDE	0.005	mg/L	< 0.005	-	-
4.4'-DDT	0.005	mg/L	< 0.005	-	-
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	-	-
a-HCH	0.005	mg/L	< 0.005	-	-
Acenaphthene	0.001	mg/L	< 0.001	-	-
Acenaphthylene	0.001	mg/L	< 0.001	-	-
Acetophenone	0.005	mg/L	< 0.005	-	-
Aldrin	0.005	mg/L	< 0.005	-	-
Aniline	0.005	mg/L	< 0.005	-	-
Anthracene	0.001	mg/L	< 0.001	-	-
b-HCH	0.005	mg/L	< 0.005	-	-
Benz(a)anthracene	0.001	mg/L	< 0.001	-	-
Benzo(a)pyrene	0.001	mg/L	< 0.001	-	-
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	-	-
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	-	-

Client Sample ID			SW4-A	20260211TB1	20260211RB1
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0036713	M26-Fe0036714	M26-Fe0036715
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit			
Semivolatile Organics					
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	-	-
Benzyl chloride	0.005	mg/L	< 0.005	-	-
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	-	-
Butyl benzyl phthalate	0.005	mg/L	< 0.005	-	-
Chrysene	0.001	mg/L	< 0.001	-	-
d-HCH	0.005	mg/L	< 0.005	-	-
Di-n-butyl phthalate	0.005	mg/L	< 0.005	-	-
Di-n-octyl phthalate	0.005	mg/L	< 0.005	-	-
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	-	-
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	-	-
Dibenzofuran	0.005	mg/L	< 0.005	-	-
Dieldrin	0.005	mg/L	< 0.005	-	-
Diethyl phthalate	0.005	mg/L	< 0.005	-	-
Dimethyl phthalate	0.005	mg/L	< 0.005	-	-
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	-	-
Diphenylamine	0.005	mg/L	< 0.005	-	-
Endosulfan I	0.005	mg/L	< 0.005	-	-
Endosulfan II	0.005	mg/L	< 0.005	-	-
Endosulfan sulphate	0.005	mg/L	< 0.005	-	-
Endrin	0.005	mg/L	< 0.005	-	-
Endrin aldehyde	0.005	mg/L	< 0.005	-	-
Endrin ketone	0.005	mg/L	< 0.005	-	-
Fluoranthene	0.001	mg/L	< 0.001	-	-
Fluorene	0.001	mg/L	< 0.001	-	-
g-HCH (Lindane)	0.005	mg/L	< 0.005	-	-
Heptachlor	0.005	mg/L	< 0.005	-	-
Heptachlor epoxide	0.005	mg/L	< 0.005	-	-
Hexachlorobenzene	0.005	mg/L	< 0.005	-	-
Hexachlorobutadiene	0.005	mg/L	< 0.005	-	-
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	-	-
Hexachloroethane	0.005	mg/L	< 0.005	-	-
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	-	-
Methoxychlor	0.005	mg/L	< 0.005	-	-
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	-	-
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	-	-
N-Nitrosopiperidine	0.005	mg/L	< 0.005	-	-
Naphthalene	0.001	mg/L	< 0.001	-	-
Nitrobenzene	0.05	mg/L	< 0.05	-	-
Nitrobenzene-d5 (surr.)	1	%	61	-	-
Pentachlorobenzene	0.005	mg/L	< 0.005	-	-
Pentachloronitrobenzene	0.005	mg/L	< 0.005	-	-
Pentachlorophenol	0.01	mg/L	< 0.01	-	-
Phenanthrene	0.001	mg/L	< 0.001	-	-
Phenol	0.003	mg/L	< 0.003	-	-
Phenol-d6 (surr.)	1	%	94	-	-
Pronamide	0.005	mg/L	< 0.005	-	-
Pyrene	0.001	mg/L	< 0.001	-	-
Trifluralin	0.005	mg/L	< 0.005	-	-

Client Sample ID			SW4-A	20260211TB1	20260211RB1
Sample Matrix			Water	Water	Water
Eurofins Sample No.			M26-Fe0036713	M26-Fe0036714	M26-Fe0036715
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit			
Haloethers					
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	-	-
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	-	-
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	-	-
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	-	-
Ammonia (as N)	0.01	mg/L	< 0.01	-	-
Biochemical Oxygen Demand (BOD-5 Day)	5	mg/L	< 5	-	-
Chemical Oxygen Demand (COD)	25	mg/L	150	-	-
Chloride	1	mg/L	20	-	-
Chromium (hexavalent)	0.005	mg/L	< 0.005	-	< 0.005
Chromium (trivalent)	0.005	mg/L	< 0.005	-	-
Ferric Iron - Fe3+	0.05	mg/L	< 0.05	-	-
Ferrous Iron - Fe2+	0.05	mg/L	< 0.05	-	-
Organic Nitrogen (as N)*	0.2	mg/L	< 0.2	-	-
Sulphate (as SO4)	5	mg/L	54	-	-
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	< 0.2	-	-
Total Organic Carbon	5	mg/L	28	-	-
Turbidity	1	NTU	720	-	-
Hardness mg equivalent CaCO3/L	5	mg/L	87	-	-
Alkalinity (speciated)					
Bicarbonate Alkalinity (as CaCO3)	20	mg/L	120	-	-
Carbonate Alkalinity (as CaCO3)	10	mg/L	< 10	-	-
Hydroxide Alkalinity (as CaCO3)	20	mg/L	< 20	-	-
Total Alkalinity (as CaCO3)	20	mg/L	120	-	-
Heavy Metals					
Arsenic (filtered)	0.001	mg/L	0.003	-	< 0.001
Beryllium (filtered)	0.001	mg/L	< 0.001	-	< 0.001
Boron (filtered)	0.05	mg/L	< 0.5	-	< 0.05
Cadmium (filtered)	0.0002	mg/L	< 0.0002	-	< 0.0002
Chromium	0.001	mg/L	0.002	-	-
Cobalt (filtered)	0.001	mg/L	0.002	-	< 0.001
Copper (filtered)	0.001	mg/L	0.006	-	< 0.001
Iron	0.05	mg/L	< 0.05	-	-
Lead (filtered)	0.001	mg/L	< 0.001	-	< 0.001
Manganese (filtered)	0.005	mg/L	0.078	-	< 0.005
Mercury (filtered)	0.0001	mg/L	< 0.0001	-	< 0.0001
Nickel (filtered)	0.001	mg/L	0.002	-	< 0.001
Selenium (filtered)	0.001	mg/L	< 0.001	-	< 0.001
Zinc (filtered)	0.005	mg/L	0.006	-	< 0.005
Alkali Metals					
Calcium	0.5	mg/L	29	-	-
Magnesium	0.5	mg/L	3.6	-	-
Potassium	0.5	mg/L	14	-	-
Sodium	0.5	mg/L	15	-	-

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Volatile Organics	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices (USEPA 8260)			
Semivolatile Organics	Melbourne	Feb 13, 2026	7 Days
- Method: USEPA SW 846 8270			
Polycyclic Aromatic Hydrocarbons	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Polychlorinated Biphenyls	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8082)			
Biochemical Oxygen Demand (BOD-5 Day)	Melbourne	Feb 13, 2026	2 Days
- Method: LTM-INO-4010 Biochemical Oxygen Demand (BOD5) in Water			
Chemical Oxygen Demand (COD)	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-INO-4220 Determination of COD in Water			
Total Organic Carbon	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-INO-4060 Total Organic Carbon in water and soil			
Turbidity	Melbourne	Feb 13, 2026	2 Days
- Method: Turbidity by classical using APHA 2130B (LTM-INO-4140)			
Ammonia (as N)	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-INO-4450 Determination of Nitrogen Species by Discrete Analyser			
Total Kjeldahl Nitrogen (as N)	Melbourne	Feb 13, 2026	28 Days
- Method: APHA 4500-Norg B,D Total Kjeldahl Nitrogen by FIA			
Eurofins Suite B11E: Cl/SO4/Alkalinity			
Chloride	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-INO-4090 Chloride by Discrete Analyser			
Sulphate (as SO4)	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-INO-4110 Sulfate by Discrete Analyser			
Alkalinity (speciated)	Melbourne	Feb 13, 2026	14 Days
- Method: LTM-INO-4250 Alkalinity by Electrometric Titration			
Chromium (hexavalent)	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-INO-4100 Hexavalent Chromium by Spectrometric detection			
Heavy Metals (filtered)	Melbourne	Feb 13, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Mobil Metals : Metals M15	Melbourne	Feb 13, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Chromium (speciated)			
Heavy Metals	Melbourne	Feb 18, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Iron (speciated)			
Ferrous Iron - Fe2+	Melbourne	Feb 13, 2026	7 Days
- Method: LTM-INO-4190 Ferrous Iron in Water by Discrete Analyser			
Eurofins Suite B11D: Na/K/Ca/Mg and Hardness			
Hardness mg equivalent CaCO3/L	Melbourne	Feb 13, 2026	28 Days
- Method: APHA 2340B Hardness by Calculation			
Alkali Metals	Melbourne	Feb 13, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			

eurofins

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Project Name: Alice Springs Landfill
Project ID: AAQ 06 023.30

Order No.:
Report #: 1322963
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Received: Feb 12, 2026 10:15 AM
Due: Feb 19, 2026
Priority: 5 Day
Contact Name: Daryl Burrows

Eurofins Analytical Services Manager : Karl Bulow

Sample Detail						Biochemical Oxygen Demand (BOD-5 Day)	Chemical Oxygen Demand (COD)	HOLD*	Total Organic Carbon	Turbidity	Polycyclic Aromatic Hydrocarbons	Polychlorinated Biphenyls	Iron (speciated)	Organic Nitrogen Set (as N)	Chromium (speciated)	NEPM 2013 Metals : Metals M13 filtered	Volatile Organics	Total Recoverable Hydrocarbons	Eurofins Suite SVV: SVOC/VOC	Eurofins Suite B11D: Na/K/Ca/Mg and Hardness	Eurofins Suite B11E: Cl/SO4/Alkalinity
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory																					
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																
1	MW5-A	Feb 10, 2026		Water	M26-Fe0036709	X	X		X	X	X	X	X	X	X	X		X	X	X	X
2	MW6-A	Feb 10, 2026		Water	M26-Fe0036710	X	X		X	X	X	X	X	X	X	X		X	X	X	X
3	MW82-A	Feb 10, 2026		Water	M26-Fe0036711	X	X		X	X	X	X	X	X	X	X		X	X	X	X
4	MW83-A	Feb 11, 2026		Water	M26-Fe0036712	X	X		X	X	X	X	X	X	X	X		X	X	X	X
5	SW4-A	Feb 11, 2026		Water	M26-Fe0036713	X	X		X	X	X	X	X	X	X	X		X	X	X	X
6	20260211TB1	Feb 11, 2026		Water	M26-Fe0036714												X				
7	20260211RB1	Feb 11, 2026		Water	M26-Fe0036715											X					
8	20260211FB1	Feb 11, 2026		Water	M26-Fe0036716			X													
Test Counts						5	5	1	5	5	5	5	5	5	5	6	1	5	5	5	5

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	**mg/L:** milligrams per litre	**ppm:** parts per million
µg/L: micrograms per litre	**ppb:** parts per billion	**%:** Percentage
org/100 mL: Organisms per 100 millilitres	**NTU:** Nephelometric Turbidity Units	**MPN/100 mL:** Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	**Colour:** Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium	mg/L	< 0.001			0.001	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Chloride	mg/L	< 1			1	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Method Blank							
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Turbidity	NTU	< 1			1	Pass	
Method Blank							
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Method Blank							
Heavy Metals							
Chromium	mg/L	< 0.001			0.001	Pass	
Iron	mg/L	< 0.05			0.05	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	119			70-130	Pass	
TRH C10-C14	%	126			70-130	Pass	
TRH C6-C10	%	118			70-130	Pass	
TRH >C10-C16	%	127			70-130	Pass	
Naphthalene	%	84			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	107			70-130	Pass	
1.2-Dichlorobenzene	%	105			70-130	Pass	
1.2-Dichloroethane	%	97			70-130	Pass	
Benzene	%	96			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
m&p-Xylenes	%	111			70-130	Pass	
Toluene	%	111			70-130	Pass	
Trichloroethene	%	86			70-130	Pass	
Xylenes - Total*	%	109			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	101			70-130	Pass	
Acenaphthylene	%	100			70-130	Pass	
Anthracene	%	117			70-130	Pass	
Benz(a)anthracene	%	125			70-130	Pass	
Benzo(a)pyrene	%	99			70-130	Pass	
Benzo(b&j)fluoranthene	%	108			70-130	Pass	
Benzo(g.h.i)perylene	%	109			70-130	Pass	
Benzo(k)fluoranthene	%	96			70-130	Pass	
Chrysene	%	94			70-130	Pass	
Dibenz(a.h)anthracene	%	108			70-130	Pass	
Fluoranthene	%	92			70-130	Pass	
Fluorene	%	103			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	122			70-130	Pass	
Naphthalene	%	88			70-130	Pass	
Phenanthrene	%	90			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Pyrene	%	111			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	102			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	127			25-140	Pass	
1.2.4-Trichlorobenzene	%	127			70-130	Pass	
1.4-Dichlorobenzene	%	126			70-130	Pass	
2-Chlorophenol	%	106			25-140	Pass	
2-Methylphenol (o-Cresol)	%	117			25-140	Pass	
2-Nitrophenol	%	114			25-140	Pass	
2.4-Dichlorophenol	%	105			25-140	Pass	
2.4-Dimethylphenol	%	35			25-140	Pass	
2.4-Dinitrophenol	%	96			25-140	Pass	
2.4.5-Trichlorophenol	%	105			25-140	Pass	
2.4.6-Trichlorophenol	%	113			25-140	Pass	
2.6-Dichlorophenol	%	106			25-140	Pass	
2.4-Dinitrotoluene	%	102			70-130	Pass	
3&4-Methylphenol (m&p-Cresol)	%	122			25-140	Pass	
4-Chloro-3-methylphenol	%	112			25-140	Pass	
4-Nitrophenol	%	72			25-140	Pass	
N-Nitrosodipropylamine	%	117			70-130	Pass	
Pentachlorophenol	%	94			25-140	Pass	
Phenol	%	122			25-140	Pass	
LCS - % Recovery							
Biochemical Oxygen Demand (BOD-5 Day)	%	91			85-115	Pass	
Chemical Oxygen Demand (COD)	%	108			70-130	Pass	
Ferrous Iron - Fe2+	%	89			70-130	Pass	
Sulphate (as SO4)	%	86			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	101			70-130	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	86			80-120	Pass	
Magnesium	%	87			80-120	Pass	
Potassium	%	89			80-120	Pass	
Sodium	%	87			80-120	Pass	
LCS - % Recovery							
Sulphate (as SO4)	%	82			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	124			70-130	Pass	
Total Alkalinity (as CaCO3)	%	128			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	108			80-120	Pass	
Boron (filtered)	%	111			80-120	Pass	
Cadmium (filtered)	%	100			80-120	Pass	
Chromium	%	110			80-120	Pass	
Cobalt (filtered)	%	108			80-120	Pass	
Copper (filtered)	%	106			80-120	Pass	
Iron	%	114			80-120	Pass	
Lead (filtered)	%	95			80-120	Pass	
Manganese (filtered)	%	114			80-120	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Mercury (filtered)	%	92			80-120	Pass	
Nickel (filtered)	%	105			80-120	Pass	
Selenium (filtered)	%	94			80-120	Pass	
Zinc (filtered)	%	109			80-120	Pass	
LCS - % Recovery							
Ammonia (as N)	%	86			70-130	Pass	
Chloride	%	92			70-130	Pass	
Sulphate (as SO4)	%	75			70-130	Pass	
Total Organic Carbon	%	108			70-130	Pass	
LCS - % Recovery							
Chromium (hexavalent)	%	83			70-130	Pass	
Turbidity	%	101			70-130	Pass	
LCS - % Recovery							
Ferrous Iron - Fe2+	%	91			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0036709	CP	%	128			70-130	Pass	
TRH C10-C14	TW26-Fe0035295	NCP	%	98			70-130	Pass	
TRH C6-C10	M26-Fe0036709	CP	%	128			70-130	Pass	
TRH >C10-C16	TW26-Fe0035295	NCP	%	96			70-130	Pass	
Naphthalene	M26-Fe0036709	CP	%	85			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0036709	CP	%	112			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0036709	CP	%	116			70-130	Pass	
1.2-Dichloroethane	M26-Fe0036709	CP	%	93			70-130	Pass	
Benzene	M26-Fe0036709	CP	%	91			70-130	Pass	
Ethylbenzene	M26-Fe0036709	CP	%	100			70-130	Pass	
m&p-Xylenes	M26-Fe0036709	CP	%	106			70-130	Pass	
o-Xylene	M26-Fe0036709	CP	%	101			70-130	Pass	
Toluene	M26-Fe0036709	CP	%	111			70-130	Pass	
Trichloroethene	M26-Fe0036709	CP	%	81			70-130	Pass	
Xylenes - Total*	M26-Fe0036709	CP	%	104			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0036933	NCP	%	103			70-130	Pass	
Acenaphthylene	M26-Fe0036933	NCP	%	80			70-130	Pass	
Anthracene	M26-Fe0035361	NCP	%	92			70-130	Pass	
Benz(a)anthracene	M26-Fe0035361	NCP	%	99			70-130	Pass	
Benzo(a)pyrene	M26-Fe0035361	NCP	%	105			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0035361	NCP	%	121			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0035361	NCP	%	113			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0035361	NCP	%	118			70-130	Pass	
Chrysene	M26-Fe0035361	NCP	%	102			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0035361	NCP	%	113			70-130	Pass	
Fluoranthene	M26-Fe0035361	NCP	%	95			70-130	Pass	
Fluorene	M26-Fe0035361	NCP	%	110			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0035361	NCP	%	110			70-130	Pass	
Naphthalene	M26-Fe0035361	NCP	%	87			70-130	Pass	
Phenanthrene	M26-Fe0035361	NCP	%	92			70-130	Pass	
Pyrene	M26-Fe0036933	NCP	%	94			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0035361	NCP	%	123			70-130	Pass	
Aroclor-1260	M26-Fe0035361	NCP	%	80			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0035361	NCP	%	122			30-130	Pass	
1.2.4-Trichlorobenzene	B26-Fe0015166	NCP	%	95			70-130	Pass	
1.4-Dichlorobenzene	B26-Fe0015166	NCP	%	111			70-130	Pass	
2-Chlorophenol	M26-Fe0036933	NCP	%	103			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0035361	NCP	%	71			30-130	Pass	
2-Nitrophenol	M26-Fe0035361	NCP	%	126			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0035361	NCP	%	117			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0035361	NCP	%	41			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0035361	NCP	%	48			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0035361	NCP	%	117			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0035361	NCP	%	130			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0035361	NCP	%	95			30-130	Pass	
2.4-Dinitrotoluene	B26-Fe0015166	NCP	%	26			70-130	Fail	Q08
3&4-Methylphenol (m&p-Cresol)	M26-Fe0035361	NCP	%	57			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0036933	NCP	%	116			30-130	Pass	
4-Nitrophenol	M26-Fe0035361	NCP	%	83			30-130	Pass	
Hexachlorobenzene	M26-Fe0035361	NCP	%	104			70-130	Pass	
N-Nitrosodipropylamine	B26-Fe0015166	NCP	%	99			70-130	Pass	
Pentachlorophenol	M26-Fe0036933	NCP	%	103			30-130	Pass	
Phenol	M26-Fe0036933	NCP	%	75			30-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0035290	NCP	%	99			70-130	Pass	
Chemical Oxygen Demand (COD)	M26-Fe0036427	NCP	%	114			70-130	Pass	
Chloride	M26-Fe0037476	NCP	%	75			70-130	Pass	
Ferrous Iron - Fe2+	M26-Fe0036709	CP	%	86			70-130	Pass	
Sulphate (as SO4)	M26-Fe0037476	NCP	%	95			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0036727	NCP	%	82			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0034945	NCP	%	101			75-125	Pass	
Beryllium (filtered)	M26-Fe0034945	NCP	%	103			75-125	Pass	
Cadmium (filtered)	M26-Fe0034945	NCP	%	94			75-125	Pass	
Chromium	M26-Fe0036236	NCP	%	100			75-125	Pass	
Cobalt (filtered)	M26-Fe0034945	NCP	%	99			75-125	Pass	
Copper (filtered)	M26-Fe0034945	NCP	%	96			75-125	Pass	
Iron	M26-Fe0036236	NCP	%	103			75-125	Pass	
Lead (filtered)	M26-Fe0034945	NCP	%	93			75-125	Pass	
Manganese (filtered)	M26-Fe0034945	NCP	%	77			75-125	Pass	
Mercury (filtered)	M26-Fe0034945	NCP	%	82			75-125	Pass	
Nickel (filtered)	M26-Fe0034945	NCP	%	97			75-125	Pass	
Selenium (filtered)	M26-Fe0034945	NCP	%	85			75-125	Pass	
Zinc (filtered)	M26-Fe0034945	NCP	%	99			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0037643	NCP	%	86			75-125	Pass	
Magnesium	M26-Fe0037643	NCP	%	86			75-125	Pass	
Potassium	M26-Fe0037643	NCP	%	89			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Sodium	M26-Fe0037643	NCP	%	82			75-125	Pass	
Spike - % Recovery									
				Result 1					
Chromium (hexavalent)	M26-Fe0036710	CP	%	83			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	M26-Fe0036709	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	M26-Fe0036709	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	M26-Fe0036709	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C10-C16	M26-Fe0036709	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH >C16-C34	M26-Fe0036709	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	M26-Fe0036709	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Anthracene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benz(a)anthracene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chrysene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.h)anthracene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluoranthene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Naphthalene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenanthrene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pyrene	M26-Fe0036709	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1221	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1232	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1242	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1248	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1254	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1260	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Total PCB*	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0036709	CP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Chloronaphthalene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1-Naphthylamine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1.4-Dichlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0036709	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0036709	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Naphthylamine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0036709	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0036709	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dichlorophenol	M26-Fe0036709	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dimethylphenol	M26-Fe0036709	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	M26-Fe0036709	CP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0036709	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	M26-Fe0036709	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dichlorophenol	M26-Fe0036709	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0036709	CP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chloro-3-methylphenol	M26-Fe0036709	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
4-Nitrophenol	M26-Fe0036709	CP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Heptachlor epoxide	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0036709	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0036709	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0036709	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Chemical Oxygen Demand (COD)	M26-Fe0034960	NCP	mg/L	74	71	3.0	30%	Pass	
Chloride	M26-Fe0036941	NCP	mg/L	47	45	3.0	30%	Pass	
Chromium (hexavalent)	M26-Fe0036709	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Ferrous Iron - Fe2+	M26-Fe0036931	NCP	mg/L	0.08	0.08	1.0	30%	Pass	
Sulphate (as SO4)	M26-Fe0036941	NCP	mg/L	630	730	15	30%	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0036722	NCP	mg/L	270	270	1.0	30%	Pass	
Total Organic Carbon	M26-Fe0036727	NCP	mg/L	280	270	2.0	30%	Pass	
Turbidity	M26-Fe0036709	CP	NTU	< 1	< 1	<1	30%	Pass	
Hardness mg equivalent CaCO3/L	M26-Fe0037643	NCP	mg/L	250	260	2.0	30%	Pass	
Duplicate									
Alkalinity (speciated)				Result 1	Result 2	RPD			
Bicarbonate Alkalinity (as CaCO3)	M26-Fe0036709	CP	mg/L	390	400	2.0	30%	Pass	
Carbonate Alkalinity (as CaCO3)	M26-Fe0036709	CP	mg/L	< 10	< 10	<1	30%	Pass	
Hydroxide Alkalinity (as CaCO3)	M26-Fe0036709	CP	mg/L	< 20	< 20	<1	30%	Pass	
Total Alkalinity (as CaCO3)	M26-Fe0036709	CP	mg/L	390	400	2.0	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Beryllium (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium (filtered)	M26-Fe0034945	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium	M26-Fe0036236	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cobalt (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Copper (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iron	M26-Fe0036236	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Lead (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Manganese (filtered)	M26-Fe0034945	NCP	mg/L	0.24	0.23	3.0	30%	Pass	
Mercury (filtered)	M26-Fe0034945	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Selenium (filtered)	M26-Fe0034945	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc (filtered)	M26-Fe0034945	NCP	mg/L	0.011	0.014	26	30%	Pass	

Duplicate									
Alkali Metals				Result 1	Result 2	RPD			
Calcium	M26-Fe0037643	NCP	mg/L	49	47	2.0	30%	Pass	
Magnesium	M26-Fe0037643	NCP	mg/L	35	34	3.0	30%	Pass	
Potassium	M26-Fe0037643	NCP	mg/L	11	9.3	3.0	30%	Pass	
Sodium	M26-Fe0037643	NCP	mg/L	190	180	1.0	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Ammonia (as N)	M26-Fe0036710	CP	mg/L	0.18	0.18	2.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	M26-Fe0036711	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C6-C10	M26-Fe0036711	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Naphthalene	M26-Fe0036711	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1-Dichloroethene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1-Trichloroethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromobenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1.2-Dichloroethene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
cis-1.3-Dichloropropene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Ethylbenzene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iodomethane	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Isopropyl benzene (Cumene)	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	M26-Fe0036711	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methylene Chloride	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
o-Xylene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Styrene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.2-Dichloroethene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.3-Dichloropropene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	M26-Fe0036711	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichlorofluoromethane	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vinyl chloride	M26-Fe0036711	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Xylenes - Total*	M26-Fe0036711	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Ammonia (as N)	M26-Fe0036711	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Biochemical Oxygen Demand (BOD-5 Day)	M26-Fe0036712	CP	mg/L	< 5	< 5	<1	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
Q08	The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.

Authorised by:

Catherine Wilson	Analytical Services Manager
Caitlin Breeze	Senior Analyst-Inorganic
Edward Lee	Senior Analyst-Organic
Emily Rosenberg	Senior Analyst-Metal
Joseph Edouard	Senior Analyst-Volatile
Luke Holt	Senior Analyst-Inorganic
Sheha Prakash	Senior Analyst-Organic



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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CHAIN OF CUSTODY RECORD

eurofins | mgt

CLIENT DETAILS

Company Name : Tierra Environment	Contact Name : Daryl Burrows	Purchase Order : NA	COC Number : T2168
Office Address :	Project Manager : Daryl Burrows	Project Number : AAQ 06 023.30	QUOTE ID : 260210TIES
	Email for results : general@tierra.com.au	Project Name : Alice Springs Landfill	Esdat

Special Directions & Comments :

*Metals to consist of Sb, As, Ba, Be, Cd, Cr, Cr3+, Cr6+, Co, Cu, Fe (total) Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn

Could only filt 1x 500mL plastic for MW38. Only perform BOD 5 Day if there is sufficient water.

Laboratory Address

Eurofins - Melbourne
6 Monterey Road, Dandenong South, VIC 3175
Phone: 03 8584 5000
Fax: 03 8564 5090
Email: EnviroSampleVic@eurofins.com

	Sample ID	Date	Matrix	Turbidity	B11E: Anion Suite - Chloride, SO4, Alkalinity	B11D: Cation Suite – NA, K, Ca, Mg, Hardness	Organic N (Ammonia, TKN, Organic N)	TOC	BOD 5 Day	COD	M13 - Metals*	Ferrous/Ferric Fe Speciation	PAH	PCB	TRH	SVV: SVOC, VOC	Containers 500P	250A	100P	250A	VIAL	125mL A	Jar	Sample Comments
1	MW38-A	11-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x	1	1	4		3	1		
2	MW81-A	11-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x			2	1	4		3	1		
3	MW85-A	11-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x			2	1	4		3	1		
4	MW86-A	11-Feb-26	Water	x	x	x	x	x	x	x	x	x	x	x	x	x	2	1	4		3	1		
5																								
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17																								

Relinquished By: Daryl Burrows	Laboratory Staff Adelaide	Laboratory Staff Melbourne	Turn around Time	Method Of Shipment
Date & Time : 12/02/26 11am	Received By: Jayden Hosking	Received By:	24 Hrs 48 Hrs	[x] Courier
Signature:	Date & Time : 16/2 10:30	Date & Time :		[ ] Hand Delivered
	Signature: Jayden	Signature:	[5 Days] 10 Days	[ ] Postal
	Report Number :	Report Number :		

20.3°C chill

#1324073

16/2/26

12 FEB 2026

Tierra Environmental Pty Ltd
PO Box 360
Mitcham
SA 5062

NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Daryl Burrows**

Report **1324073-W**
Project name Alice Springs Landfill
Project ID AAQ 06 023.30
Received Date Feb 16, 2026

Client Sample ID			**MW38-A**	**MW81-A**	**MW85-A**	**MW86-A**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**M26-Fe0046251**	**M26-Fe0046252**	**M26-Fe0046253**	**M26-Fe0046254**
Date Sampled			**Feb 11, 2026**	**Feb 11, 2026**	**Feb 11, 2026**	**Feb 11, 2026**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	-	-	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	-	-	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	-	-	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	-	-	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	-	-	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	-	-	< 0.02
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 0.02	-	-	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	-	-	< 0.05
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	< 0.05	-	-	< 0.05
Naphthalene[N02]	0.01	mg/L	< 0.01	-	-	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	-	-	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	-	-	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	-	-	< 0.1
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	-	-	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	-	-	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	-	-	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	-	-	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	-	-	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	-	-	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	-	-	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	-	-	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	-	-	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	-	-	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	-	-	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.01	-	-	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	-	-	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	-	-	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	-	-	< 0.001

Client Sample ID			MW38-A	MW81-A	MW85-A	MW86-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0046251	M26-Fe0046252	M26-Fe0046253	M26-Fe0046254
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Volatile Organics						
Benzene	0.001	mg/L	< 0.001	-	-	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	-	-	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	-	-	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	-	-	< 0.001
Bromoform	0.001	mg/L	< 0.001	-	-	< 0.001
Bromomethane	0.005	mg/L	< 0.005	-	-	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	-	-	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	-	-	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	-	-	< 0.001
Chloroethane	0.005	mg/L	< 0.005	-	-	< 0.005
Chloroform	0.005	mg/L	< 0.005	-	-	< 0.005
Chloromethane	0.005	mg/L	< 0.005	-	-	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	-	-	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	-	-	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	-	-	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	-	-	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	-	-	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	-	-	< 0.001
Iodomethane	0.001	mg/L	< 0.005	-	-	< 0.005
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	-	-	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	-	-	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	-	-	< 0.005
o-Xylene	0.001	mg/L	< 0.001	-	-	< 0.001
Styrene	0.001	mg/L	< 0.001	-	-	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	-	-	< 0.001
Toluene	0.001	mg/L	0.001	-	-	0.002
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	-	-	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	-	-	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	-	-	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	-	-	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	-	-	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	-	-	< 0.003
Total MAH*	0.003	mg/L	< 0.003	-	-	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	-	-	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	-	-	< 0.005
4-Bromofluorobenzene (surr.)	1	%	115	-	-	113
Toluene-d8 (surr.)	1	%	115	-	-	115
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW38-A	MW81-A	MW85-A	MW86-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0046251	M26-Fe0046252	M26-Fe0046253	M26-Fe0046254
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	69	110	112	64
p-Terphenyl-d14 (surr.)	1	%	67	88	89	50
Polychlorinated Biphenyls						
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	50	92	69	62
Tetrachloro-m-xylene (surr.)	1	%	59	115	113	74
Semivolatile Organics						
Aldrin and Dieldrin (Total)*	0.0001	mg/L	< 0.005	-	-	< 0.005
DDT + DDE + DDD (Total)*	0.0001	mg/L	< 0.005	-	-	< 0.005
Total PAH*	0.001	mg/L	< 0.001	-	-	< 0.001
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	-	-	< 0.03
1-Chloronaphthalene	0.005	mg/L	< 0.005	-	-	< 0.005
1-Naphthylamine	0.005	mg/L	< 0.005	-	-	< 0.005
1.2-Dichlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.2.3-Trichlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.2.3.4-Tetrachlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.2.3.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.2.4-Trichlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.2.4.5-Tetrachlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.3-Dichlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.3.5-Trichlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
1.4-Dichlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
2-Chloronaphthalene	0.005	mg/L	< 0.005	-	-	< 0.005
2-Chlorophenol	0.003	mg/L	< 0.003	-	-	< 0.003
2-Fluorobiphenyl (surr.)	1	%	69	-	-	64
2-Methylnaphthalene	0.005	mg/L	< 0.005	-	-	< 0.005
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	-	-	< 0.003
2-Naphthylamine	0.005	mg/L	< 0.005	-	-	< 0.005
2-Nitroaniline	0.005	mg/L	< 0.005	-	-	< 0.005
2-Nitrophenol	0.01	mg/L	< 0.01	-	-	< 0.01
2-Picoline	0.005	mg/L	< 0.005	-	-	< 0.005
2.3.4.6-Tetrachlorophenol	0.01	mg/L	< 0.01	-	-	< 0.01
2.4-Dichlorophenol	0.003	mg/L	< 0.003	-	-	< 0.003
2.4-Dimethylphenol	0.003	mg/L	< 0.003	-	-	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	-	-	< 0.03
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	-	-	< 0.01

Client Sample ID			MW38-A	MW81-A	MW85-A	MW86-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0046251	M26-Fe0046252	M26-Fe0046253	M26-Fe0046254
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
2.4.6-Tribromophenol (surr.)	1	%	55	-	-	52
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	-	-	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	-	-	< 0.003
2.4-Dinitrotoluene	0.005	mg/L	< 0.005	-	-	< 0.005
2.6-Dinitrotoluene	0.005	mg/L	< 0.005	-	-	< 0.005
2.4-Dinitrotoluene + 2.6-Dinitrotoluene*	0.005	mg/L	< 0.005	-	-	< 0.005
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	-	-	< 0.006
3-Methylcholanthrene	0.005	mg/L	< 0.005	-	-	< 0.005
3.3'-Dichlorobenzidine	0.005	mg/L	< 0.005	-	-	< 0.005
4-Aminobiphenyl	0.005	mg/L	< 0.005	-	-	< 0.005
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	-	-	< 0.01
4-Nitrophenol	0.03	mg/L	< 0.03	-	-	< 0.03
4.4'-DDD	0.005	mg/L	< 0.005	-	-	< 0.005
4.4'-DDE	0.005	mg/L	< 0.005	-	-	< 0.005
4.4'-DDT	0.005	mg/L	< 0.005	-	-	< 0.005
7.12-Dimethylbenz(a)anthracene	0.005	mg/L	< 0.005	-	-	< 0.005
a-HCH	0.005	mg/L	< 0.005	-	-	< 0.005
Acenaphthene	0.001	mg/L	< 0.001	-	-	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	-	-	< 0.001
Acetophenone	0.005	mg/L	< 0.005	-	-	< 0.005
Aldrin	0.005	mg/L	< 0.005	-	-	< 0.005
Aniline	0.005	mg/L	< 0.005	-	-	< 0.005
Anthracene	0.001	mg/L	< 0.001	-	-	< 0.001
b-HCH	0.005	mg/L	< 0.005	-	-	< 0.005
Benz(a)anthracene	0.001	mg/L	< 0.001	-	-	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	-	-	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	-	-	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	-	-	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	-	-	< 0.001
Benzyl chloride	0.005	mg/L	< 0.005	-	-	< 0.005
Bis(2-ethylhexyl)phthalate	0.005	mg/L	< 0.005	-	-	< 0.005
Butyl benzyl phthalate	0.005	mg/L	< 0.005	-	-	< 0.005
Chrysene	0.001	mg/L	< 0.001	-	-	< 0.001
d-HCH	0.005	mg/L	< 0.005	-	-	< 0.005
Di-n-butyl phthalate	0.005	mg/L	< 0.005	-	-	< 0.005
Di-n-octyl phthalate	0.005	mg/L	< 0.005	-	-	< 0.005
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	-	-	< 0.001
Dibenz(a.j)acridine	0.005	mg/L	< 0.005	-	-	< 0.005
Dibenzofuran	0.005	mg/L	< 0.005	-	-	< 0.005
Dieldrin	0.005	mg/L	< 0.005	-	-	< 0.005
Diethyl phthalate	0.005	mg/L	< 0.005	-	-	< 0.005
Dimethyl phthalate	0.005	mg/L	< 0.005	-	-	< 0.005
Dimethylaminoazobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
Diphenylamine	0.005	mg/L	< 0.005	-	-	< 0.005
Endosulfan I	0.005	mg/L	< 0.005	-	-	< 0.005
Endosulfan II	0.005	mg/L	< 0.005	-	-	< 0.005
Endosulfan sulphate	0.005	mg/L	< 0.005	-	-	< 0.005
Endrin	0.005	mg/L	< 0.005	-	-	< 0.005
Endrin aldehyde	0.005	mg/L	< 0.005	-	-	< 0.005

Client Sample ID			MW38-A	MW81-A	MW85-A	MW86-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0046251	M26-Fe0046252	M26-Fe0046253	M26-Fe0046254
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Semivolatile Organics						
Endrin ketone	0.005	mg/L	< 0.005	-	-	< 0.005
Fluoranthene	0.001	mg/L	< 0.001	-	-	< 0.001
Fluorene	0.001	mg/L	< 0.001	-	-	< 0.001
g-HCH (Lindane)	0.005	mg/L	< 0.005	-	-	< 0.005
Heptachlor	0.005	mg/L	< 0.005	-	-	< 0.005
Heptachlor epoxide	0.005	mg/L	< 0.005	-	-	< 0.005
Hexachlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
Hexachlorobutadiene	0.005	mg/L	< 0.005	-	-	< 0.005
Hexachlorocyclopentadiene	0.005	mg/L	< 0.005	-	-	< 0.005
Hexachloroethane	0.005	mg/L	< 0.005	-	-	< 0.005
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	-	-	< 0.001
Methoxychlor	0.005	mg/L	< 0.005	-	-	< 0.005
N-Nitrosodibutylamine	0.005	mg/L	< 0.005	-	-	< 0.005
N-Nitrosodipropylamine	0.005	mg/L	< 0.005	-	-	< 0.005
N-Nitrosopiperidine	0.005	mg/L	< 0.005	-	-	< 0.005
Naphthalene	0.001	mg/L	< 0.001	-	-	< 0.001
Nitrobenzene	0.05	mg/L	< 0.05	-	-	< 0.05
Nitrobenzene-d5 (surr.)	1	%	77	-	-	54
Pentachlorobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
Pentachloronitrobenzene	0.005	mg/L	< 0.005	-	-	< 0.005
Pentachlorophenol	0.01	mg/L	< 0.01	-	-	< 0.01
Phenanthrene	0.001	mg/L	< 0.001	-	-	< 0.001
Phenol	0.003	mg/L	< 0.003	-	-	< 0.003
Phenol-d6 (surr.)	1	%	62	-	-	65
Pronamide	0.005	mg/L	< 0.005	-	-	< 0.005
Pyrene	0.001	mg/L	< 0.001	-	-	< 0.001
Trifluralin	0.005	mg/L	< 0.005	-	-	< 0.005
Haloethers						
4-Bromophenyl phenyl ether	0.005	mg/L	< 0.005	-	-	< 0.005
4-Chlorophenyl phenyl ether	0.005	mg/L	< 0.005	-	-	< 0.005
Bis(2-chloroethoxy)methane	0.005	mg/L	< 0.005	-	-	< 0.005
Bis(2-chloroisopropyl)ether	0.005	mg/L	< 0.005	-	-	< 0.005
Ammonia (as N)	0.01	mg/L	23	0.05	< 0.01	0.03
Biochemical Oxygen Demand (BOD-5 Day)	5	mg/L	< 5	< 5	< 5	< 5
Chemical Oxygen Demand (COD)	25	mg/L	3300	< 25	< 25	< 25
Chloride	1	mg/L	930	950	340	460
Chromium (hexavalent)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chromium (trivalent filtered)*	0.005	mg/L	0.003	< 0.005	< 0.005	< 0.005
Ferric Iron - Fe3+	0.05	mg/L	0.40	< 0.2	< 0.2	< 0.05
Ferrous Iron - Fe2+	0.05	mg/L	9.6	0.36	0.12	0.08
Organic Nitrogen (as N)*	0.2	mg/L	62	< 0.2	< 0.2	0.47
Sulphate (as SO4)	5	mg/L	2100	2300	400	440
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	85	< 0.2	< 0.2	0.5
Total Organic Carbon	5	mg/L	< 1000	22	58	71
Turbidity	1	NTU	2300	31	21	290
Hardness mg equivalent CaCO3/L	5	mg/L	2900	3600	710	880

Client Sample ID			MW38-A	MW81-A	MW85-A	MW86-A
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			M26-Fe0046251	M26-Fe0046252	M26-Fe0046253	M26-Fe0046254
Date Sampled			Feb 11, 2026	Feb 11, 2026	Feb 11, 2026	Feb 11, 2026
Test/Reference	LOR	Unit				
Alkalinity (speciated)						
Bicarbonate Alkalinity (as CaCO3)	20	mg/L	520	250	370	440
Carbonate Alkalinity (as CaCO3)	10	mg/L	< 10	< 10	< 10	< 10
Hydroxide Alkalinity (as CaCO3)	20	mg/L	< 20	< 20	< 20	< 20
Total Alkalinity (as CaCO3)	20	mg/L	520	250	370	440
Hexavalent Chromium Set (filtered)						
Chromium (hexavalent filtered)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Heavy Metals						
Arsenic (filtered)	0.001	mg/L	0.004	< 0.001	< 0.001	< 0.001
Barium (filtered)	0.02	mg/L	0.03	< 0.02	0.05	0.03
Beryllium (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Boron (filtered)	0.05	mg/L	1.0	0.25	0.45	0.35
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium (filtered)	0.001	mg/L	0.003	< 0.001	< 0.001	< 0.001
Cobalt (filtered)	0.001	mg/L	0.001	< 0.001	< 0.001	< 0.001
Copper (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iron (filtered)	0.05	mg/L	9.1	0.08	< 0.05	< 0.05
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Manganese (filtered)	0.005	mg/L	0.32	0.042	< 0.005	0.006
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel (filtered)	0.001	mg/L	0.008	0.002	< 0.001	< 0.001
Selenium (filtered)	0.001	mg/L	< 0.001	< 0.001	0.004	0.003
Thallium (filtered)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vanadium (filtered)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Zinc (filtered)	0.005	mg/L	0.008	< 0.005	< 0.005	0.010
Alkali Metals						
Calcium	0.5	mg/L	640	600	130	190
Magnesium	0.5	mg/L	320	520	94	100
Potassium	0.5	mg/L	86	26	18	11
Sodium	0.5	mg/L	650	380	260	520

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Volatile Organics	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices (USEPA 8260)			
Semivolatile Organics	Melbourne	Feb 17, 2026	7 Days
- Method: USEPA SW 846 8270			
Polycyclic Aromatic Hydrocarbons	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Polychlorinated Biphenyls	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8082)			
Biochemical Oxygen Demand (BOD-5 Day)	Melbourne	Feb 17, 2026	2 Days
- Method: LTM-INO-4010 Biochemical Oxygen Demand (BOD5) in Water			
Chemical Oxygen Demand (COD)	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-INO-4220 Determination of COD in Water			
Total Organic Carbon	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-INO-4060 Total Organic Carbon in water and soil			
Turbidity	Melbourne	Feb 17, 2026	2 Days
- Method: Turbidity by classical using APHA 2130B (LTM-INO-4140)			
Heavy Metals (filtered)	Melbourne	Feb 18, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Ammonia (as N)	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-INO-4450 Determination of Nitrogen Species by Discrete Analyser			
Total Kjeldahl Nitrogen (as N)	Melbourne	Feb 17, 2026	28 Days
- Method: APHA 4500-Norg B,D Total Kjeldahl Nitrogen by FIA			
Eurofins Suite B11E: Cl/SO4/Alkalinity			
Chloride	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-INO-4090 Chloride by Discrete Analyser			
Sulphate (as SO4)	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-INO-4110 Sulfate by Discrete Analyser			
Alkalinity (speciated)	Melbourne	Feb 17, 2026	14 Days
- Method: LTM-INO-4250 Alkalinity by Electrometric Titration			
Chromium (hexavalent)	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-INO-4100 Hexavalent Chromium by Spectrometric detection			
Mobil Metals : Metals M15	Melbourne	Feb 17, 2026	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Chromium (speciated, filtered Cr)			
Hexavalent Chromium Set (filtered)	Melbourne	Feb 19, 2026	28 Days
- Method: LTM-INO-4100 Hexavalent Chromium by Spectrometric detection			
Iron (speciated) (filtered Fe)			
Ferrous Iron - Fe2+	Melbourne	Feb 17, 2026	7 Days
- Method: LTM-INO-4190 Ferrous Iron in Water by Discrete Analyser			
Eurofins Suite B11D: Na/K/Ca/Mg and Hardness			
Hardness mg equivalent CaCO3/L	Melbourne	Feb 17, 2026	28 Days
- Method: APHA 2340B Hardness by Calculation			
Alkali Metals	Melbourne	Feb 17, 2026	180 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			

eurofins

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Address: PO Box 360
Mitcham
SA 5062

Project Name: Alice Springs Landfill
Project ID: AAQ 06 023.30

Order No.:
Report #: 1324073
Phone: 08 8373 2512
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Received: Feb 16, 2026 10:30 AM
Due: Feb 23, 2026
Priority: 5 Day
Contact Name: Daryl Burrows

Eurofins Analytical Services Manager : Karl Bulow

Sample Detail						Barium (filtered)	Biochemical Oxygen Demand (BOD-5 Day)	Chemical Oxygen Demand (COD)	Thallium (filtered)	Total Organic Carbon	Turbidity	Vanadium (filtered)	Polycyclic Aromatic Hydrocarbons	Polychlorinated Biphenyls	Organic Nitrogen Set (as N)	Iron (speciated) (filtered Fe)	NEPM 2013 Metals : Metals M13 filtered	Chromium (speciated, filtered Cr)	Total Recoverable Hydrocarbons	Eurofins Suite SVV: SVOC/VOC	Eurofins Suite B11D: Na/K/Ca/Mg and Hardness	Eurofins Suite B11E: Cl/SO4/Alkalinity
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory																						
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																	
1	MW38-A	Feb 11, 2026		Water	M26-Fe0046251	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	MW81-A	Feb 11, 2026		Water	M26-Fe0046252	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X
3	MW85-A	Feb 11, 2026		Water	M26-Fe0046253	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X
4	MW86-A	Feb 11, 2026		Water	M26-Fe0046254	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Test Counts						4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	4	4

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	**mg/L:** milligrams per litre	**ppm:** parts per million
µg/L: micrograms per litre	**ppb:** parts per billion	**%:** Percentage
org/100 mL: Organisms per 100 millilitres	**NTU:** Nephelometric Turbidity Units	**MPN/100 mL:** Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	**Colour:** Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Barium (filtered)	mg/L	< 0.02			0.02	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	< 0.001			0.001	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron (filtered)	mg/L	< 0.05			0.05	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Thallium (filtered)	mg/L	< 0.005			0.005	Pass	
Vanadium (filtered)	mg/L	< 0.005			0.005	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Barium (filtered)	mg/L	< 0.02			0.02	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	< 0.001			0.001	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Iron (filtered)	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Thallium (filtered)	mg/L	< 0.005			0.005	Pass	
Vanadium (filtered)	mg/L	< 0.005			0.005	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Ammonia (as N)	mg/L	< 0.01			0.01	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chemical Oxygen Demand (COD)	mg/L	< 25			25	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Barium (filtered)	mg/L	< 0.02			0.02	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	< 0.001			0.001	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron (filtered)	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Thallium (filtered)	mg/L	< 0.005			0.005	Pass	
Vanadium (filtered)	mg/L	< 0.005			0.005	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
1-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
1-Naphthylamine	mg/L	< 0.005			0.005	Pass	
1.2-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.4-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.3.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.2.4.5-Tetrachlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.3.5-Trichlorobenzene	mg/L	< 0.005			0.005	Pass	
1.4-Dichlorobenzene	mg/L	< 0.005			0.005	Pass	
2-Chloronaphthalene	mg/L	< 0.005			0.005	Pass	
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2-Methylnaphthalene	mg/L	< 0.005			0.005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
2-Naphthylamine	mg/L	< 0.005			0.005	Pass	
2-Nitroaniline	mg/L	< 0.005			0.005	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2-Picoline	mg/L	< 0.005			0.005	Pass	
2.3.4.6-Tetrachlorophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
2.6-Dinitrotoluene	mg/L	< 0.005			0.005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
3-Methylcholanthrene	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
3.3'-Dichlorobenzidine	mg/L	< 0.005			0.005	Pass	
4-Aminobiphenyl	mg/L	< 0.005			0.005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
4.4'-DDD	mg/L	< 0.005			0.005	Pass	
4.4'-DDE	mg/L	< 0.005			0.005	Pass	
4.4'-DDT	mg/L	< 0.005			0.005	Pass	
7.12-Dimethylbenz(a)anthracene	mg/L	< 0.005			0.005	Pass	
a-HCH	mg/L	< 0.005			0.005	Pass	
Acetophenone	mg/L	< 0.005			0.005	Pass	
Aldrin	mg/L	< 0.005			0.005	Pass	
Aniline	mg/L	< 0.005			0.005	Pass	
b-HCH	mg/L	< 0.005			0.005	Pass	
Benzyl chloride	mg/L	< 0.005			0.005	Pass	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.005			0.005	Pass	
Butyl benzyl phthalate	mg/L	< 0.005			0.005	Pass	
d-HCH	mg/L	< 0.005			0.005	Pass	
Di-n-butyl phthalate	mg/L	< 0.005			0.005	Pass	
Di-n-octyl phthalate	mg/L	< 0.005			0.005	Pass	
Dibenz(a.j)acridine	mg/L	< 0.005			0.005	Pass	
Dibenzofuran	mg/L	< 0.005			0.005	Pass	
Dieldrin	mg/L	< 0.005			0.005	Pass	
Diethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethyl phthalate	mg/L	< 0.005			0.005	Pass	
Dimethylaminoazobenzene	mg/L	< 0.005			0.005	Pass	
Diphenylamine	mg/L	< 0.005			0.005	Pass	
Endosulfan I	mg/L	< 0.005			0.005	Pass	
Endosulfan II	mg/L	< 0.005			0.005	Pass	
Endosulfan sulphate	mg/L	< 0.005			0.005	Pass	
Endrin	mg/L	< 0.005			0.005	Pass	
Endrin aldehyde	mg/L	< 0.005			0.005	Pass	
Endrin ketone	mg/L	< 0.005			0.005	Pass	
g-HCH (Lindane)	mg/L	< 0.005			0.005	Pass	
Heptachlor	mg/L	< 0.005			0.005	Pass	
Heptachlor epoxide	mg/L	< 0.005			0.005	Pass	
Hexachlorobenzene	mg/L	< 0.005			0.005	Pass	
Hexachlorobutadiene	mg/L	< 0.005			0.005	Pass	
Hexachlorocyclopentadiene	mg/L	< 0.005			0.005	Pass	
Hexachloroethane	mg/L	< 0.005			0.005	Pass	
Methoxychlor	mg/L	< 0.005			0.005	Pass	
N-Nitrosodibutylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosodipropylamine	mg/L	< 0.005			0.005	Pass	
N-Nitrosopiperidine	mg/L	< 0.005			0.005	Pass	
Nitrobenzene	mg/L	< 0.05			0.05	Pass	
Pentachlorobenzene	mg/L	< 0.005			0.005	Pass	
Pentachloronitrobenzene	mg/L	< 0.005			0.005	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Pronamide	mg/L	< 0.005			0.005	Pass	
Trifluralin	mg/L	< 0.005			0.005	Pass	
Method Blank							
Haloethers							
4-Bromophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	
4-Chlorophenyl phenyl ether	mg/L	< 0.005			0.005	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Bis(2-chloroethoxy)methane	mg/L	< 0.005			0.005	Pass	
Bis(2-chloroisopropyl)ether	mg/L	< 0.005			0.005	Pass	
Method Blank							
Biochemical Oxygen Demand (BOD-5 Day)	mg/L	< 5			5	Pass	
Chloride	mg/L	< 1			1	Pass	
Chromium (hexavalent)	mg/L	< 0.005			0.005	Pass	
Ferrous Iron - Fe2+	mg/L	< 0.05			0.05	Pass	
Sulphate (as SO4)	mg/L	< 5			5	Pass	
Total Kjeldahl Nitrogen (as N)	mg/L	< 0.2			0.2	Pass	
Total Organic Carbon	mg/L	< 5			5	Pass	
Turbidity	NTU	< 1			1	Pass	
Hardness mg equivalent CaCO3/L	mg/L	< 5			5	Pass	
Method Blank							
Alkalinity (speciated)							
Bicarbonate Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Carbonate Alkalinity (as CaCO3)	mg/L	< 10			10	Pass	
Hydroxide Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Total Alkalinity (as CaCO3)	mg/L	< 20			20	Pass	
Method Blank							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Barium (filtered)	mg/L	< 0.02			0.02	Pass	
Beryllium (filtered)	mg/L	< 0.001			0.001	Pass	
Boron (filtered)	mg/L	< 0.05			0.05	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	< 0.001			0.001	Pass	
Cobalt (filtered)	mg/L	< 0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Iron (filtered)	mg/L	< 0.05			0.05	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Manganese (filtered)	mg/L	< 0.005			0.005	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Selenium (filtered)	mg/L	< 0.001			0.001	Pass	
Thallium (filtered)	mg/L	< 0.005			0.005	Pass	
Vanadium (filtered)	mg/L	< 0.005			0.005	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Alkali Metals							
Calcium	mg/L	< 0.5			0.5	Pass	
Magnesium	mg/L	< 0.5			0.5	Pass	
Potassium	mg/L	< 0.5			0.5	Pass	
Sodium	mg/L	< 0.5			0.5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	111			70-130	Pass	
TRH C10-C14	%	76			70-130	Pass	
TRH C6-C10	%	110			70-130	Pass	
TRH >C10-C16	%	75			70-130	Pass	
Naphthalene	%	102			70-130	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Volatile Organics							
1.1-Dichloroethene	%	114			70-130	Pass	
1.2-Dichlorobenzene	%	96			70-130	Pass	
1.2-Dichloroethane	%	92			70-130	Pass	
Benzene	%	98			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
m&p-Xylenes	%	94			70-130	Pass	
Toluene	%	102			70-130	Pass	
Trichloroethene	%	104			70-130	Pass	
Xylenes - Total*	%	93			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	93			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	97			70-130	Pass	
Benz(a)anthracene	%	87			70-130	Pass	
Benzo(a)pyrene	%	85			70-130	Pass	
Benzo(b&j)fluoranthene	%	74			70-130	Pass	
Benzo(g.h.i)perylene	%	97			70-130	Pass	
Benzo(k)fluoranthene	%	99			70-130	Pass	
Chrysene	%	81			70-130	Pass	
Dibenz(a.h)anthracene	%	94			70-130	Pass	
Fluoranthene	%	90			70-130	Pass	
Fluorene	%	97			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	71			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Phenanthrene	%	91			70-130	Pass	
Pyrene	%	90			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	96			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	32			25-140	Pass	
2-Chlorophenol	%	46			25-140	Pass	
2-Methylphenol (o-Cresol)	%	45			25-140	Pass	
2-Nitrophenol	%	39			25-140	Pass	
2.4-Dichlorophenol	%	39			25-140	Pass	
2.4-Dimethylphenol	%	38			25-140	Pass	
2.4-Dinitrophenol	%	111			25-140	Pass	
2.4.5-Trichlorophenol	%	33			25-140	Pass	
2.4.6-Trichlorophenol	%	62			25-140	Pass	
2.6-Dichlorophenol	%	40			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	38			25-140	Pass	
4-Chloro-3-methylphenol	%	38			25-140	Pass	
4-Nitrophenol	%	94			25-140	Pass	
Pentachlorophenol	%	46			25-140	Pass	
Phenol	%	59			25-140	Pass	
LCS - % Recovery							
Ammonia (as N)	%	98			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	94			85-115	Pass	
Chemical Oxygen Demand (COD)	%	86			70-130	Pass	
Chloride	%	112			70-130	Pass	
Chromium (hexavalent)	%	92			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ferrous Iron - Fe2+	%	86			70-130	Pass	
Sulphate (as SO4)	%	84			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	85			70-130	Pass	
Total Organic Carbon	%	117			70-130	Pass	
Turbidity	%	101			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	113			70-130	Pass	
Total Alkalinity (as CaCO3)	%	122			70-130	Pass	
LCS - % Recovery							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	%	92			80-120	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	110			80-120	Pass	
Boron (filtered)	%	107			80-120	Pass	
Cadmium (filtered)	%	104			80-120	Pass	
Chromium (filtered)	%	112			80-120	Pass	
Cobalt (filtered)	%	115			80-120	Pass	
Copper (filtered)	%	113			80-120	Pass	
Iron (filtered)	%	116			80-120	Pass	
Lead (filtered)	%	109			80-120	Pass	
Manganese (filtered)	%	109			80-120	Pass	
Mercury (filtered)	%	103			80-120	Pass	
Nickel (filtered)	%	115			80-120	Pass	
Selenium (filtered)	%	114			80-120	Pass	
Thallium (filtered)	%	108			80-120	Pass	
Vanadium (filtered)	%	111			80-120	Pass	
Zinc (filtered)	%	109			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	108			80-120	Pass	
Magnesium	%	111			80-120	Pass	
Potassium	%	118			80-120	Pass	
Sodium	%	115			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	96			70-130	Pass	
Acenaphthylene	%	115			70-130	Pass	
Anthracene	%	85			70-130	Pass	
Benz(a)anthracene	%	83			70-130	Pass	
Benzo(a)pyrene	%	98			70-130	Pass	
Benzo(b&j)fluoranthene	%	96			70-130	Pass	
Benzo(g.h.i)perylene	%	110			70-130	Pass	
Benzo(k)fluoranthene	%	95			70-130	Pass	
Chrysene	%	103			70-130	Pass	
Dibenz(a.h)anthracene	%	87			70-130	Pass	
Fluoranthene	%	82			70-130	Pass	
Fluorene	%	89			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	91			70-130	Pass	
Naphthalene	%	97			70-130	Pass	
Phenanthrene	%	98			70-130	Pass	
Pyrene	%	88			70-130	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Polychlorinated Biphenyls							
Aroclor-1260	%	82			70-130	Pass	
LCS - % Recovery							
Ammonia (as N)	%	128			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	94			85-115	Pass	
Chemical Oxygen Demand (COD)	%	96			70-130	Pass	
Chloride	%	88			70-130	Pass	
Chromium (hexavalent)	%	92			70-130	Pass	
Ferrous Iron - Fe2+	%	90			70-130	Pass	
Sulphate (as SO4)	%	78			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	83			70-130	Pass	
Total Organic Carbon	%	120			70-130	Pass	
Turbidity	%	101			70-130	Pass	
2-Chlorophenol	%	82			25-140	Pass	
2-Methyl-4.6-dinitrophenol	%	103			25-140	Pass	
2-Methylphenol (o-Cresol)	%	59			25-140	Pass	
2-Nitrophenol	%	101			25-140	Pass	
2.4-Dichlorophenol	%	94			25-140	Pass	
2.4-Dimethylphenol	%	74			25-140	Pass	
2.4-Dinitrophenol	%	84			25-140	Pass	
2.4.5-Trichlorophenol	%	109			25-140	Pass	
2.4.6-Trichlorophenol	%	100			25-140	Pass	
2.6-Dichlorophenol	%	90			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	39			25-140	Pass	
4-Chloro-3-methylphenol	%	76			25-140	Pass	
4-Nitrophenol	%	36			25-140	Pass	
Pentachlorophenol	%	81			25-140	Pass	
Phenol	%	100			25-140	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	118			70-130	Pass	
Total Alkalinity (as CaCO3)	%	119			70-130	Pass	
LCS - % Recovery							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	%	92			80-120	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	108			80-120	Pass	
Boron (filtered)	%	95			80-120	Pass	
Cadmium (filtered)	%	105			80-120	Pass	
Chromium (filtered)	%	106			80-120	Pass	
Cobalt (filtered)	%	108			80-120	Pass	
Copper (filtered)	%	104			80-120	Pass	
Iron (filtered)	%	111			80-120	Pass	
Lead (filtered)	%	106			80-120	Pass	
Manganese (filtered)	%	105			80-120	Pass	
Mercury (filtered)	%	102			80-120	Pass	
Nickel (filtered)	%	105			80-120	Pass	
Selenium (filtered)	%	104			80-120	Pass	
Thallium (filtered)	%	106			80-120	Pass	
Vanadium (filtered)	%	106			80-120	Pass	
Zinc (filtered)	%	107			80-120	Pass	
LCS - % Recovery							
Alkali Metals							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Calcium	%	102			80-120	Pass	
Magnesium	%	106			80-120	Pass	
Potassium	%	115			80-120	Pass	
Sodium	%	109			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	96			70-130	Pass	
Acenaphthylene	%	115			70-130	Pass	
Anthracene	%	85			70-130	Pass	
Benz(a)anthracene	%	83			70-130	Pass	
Benzo(a)pyrene	%	98			70-130	Pass	
Benzo(b&j)fluoranthene	%	96			70-130	Pass	
Benzo(g.h.i)perylene	%	110			70-130	Pass	
Benzo(k)fluoranthene	%	95			70-130	Pass	
Chrysene	%	103			70-130	Pass	
Dibenz(a.h)anthracene	%	87			70-130	Pass	
Fluoranthene	%	82			70-130	Pass	
Fluorene	%	89			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	91			70-130	Pass	
Naphthalene	%	97			70-130	Pass	
Phenanthrene	%	98			70-130	Pass	
Pyrene	%	88			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	82			70-130	Pass	
LCS - % Recovery							
Ammonia (as N)	%	123			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	94			85-115	Pass	
Chemical Oxygen Demand (COD)	%	91			70-130	Pass	
Chloride	%	112			70-130	Pass	
Chromium (hexavalent)	%	102			70-130	Pass	
Ferrous Iron - Fe2+	%	102			70-130	Pass	
Sulphate (as SO4)	%	123			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	89			70-130	Pass	
Total Organic Carbon	%	115			70-130	Pass	
Turbidity	%	100			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	129			70-130	Pass	
Total Alkalinity (as CaCO3)	%	125			70-130	Pass	
LCS - % Recovery							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	%	102			80-120	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	102			80-120	Pass	
Boron (filtered)	%	102			80-120	Pass	
Cadmium (filtered)	%	101			80-120	Pass	
Chromium (filtered)	%	102			80-120	Pass	
Cobalt (filtered)	%	103			80-120	Pass	
Copper (filtered)	%	99			80-120	Pass	
Iron (filtered)	%	105			80-120	Pass	
Lead (filtered)	%	101			80-120	Pass	
Manganese (filtered)	%	102			80-120	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Mercury (filtered)	%	97			80-120	Pass	
Nickel (filtered)	%	100			80-120	Pass	
Selenium (filtered)	%	99			80-120	Pass	
Thallium (filtered)	%	102			80-120	Pass	
Vanadium (filtered)	%	104			80-120	Pass	
Zinc (filtered)	%	103			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	98			80-120	Pass	
Magnesium	%	101			80-120	Pass	
Potassium	%	111			80-120	Pass	
Sodium	%	103			80-120	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	116			70-130	Pass	
TRH C10-C14	%	78			70-130	Pass	
TRH C6-C10	%	115			70-130	Pass	
TRH >C10-C16	%	77			70-130	Pass	
Naphthalene	%	98			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
1.1-Dichloroethene	%	121			70-130	Pass	
1.2-Dichlorobenzene	%	103			70-130	Pass	
1.2-Dichloroethane	%	102			70-130	Pass	
Benzene	%	105			70-130	Pass	
Ethylbenzene	%	110			70-130	Pass	
m&p-Xylenes	%	101			70-130	Pass	
Toluene	%	110			70-130	Pass	
Trichloroethene	%	114			70-130	Pass	
Xylenes - Total*	%	100			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	93			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	97			70-130	Pass	
Benz(a)anthracene	%	87			70-130	Pass	
Benzo(a)pyrene	%	85			70-130	Pass	
Benzo(b&j)fluoranthene	%	74			70-130	Pass	
Benzo(g.h.i)perylene	%	97			70-130	Pass	
Benzo(k)fluoranthene	%	99			70-130	Pass	
Chrysene	%	81			70-130	Pass	
Dibenz(a.h)anthracene	%	94			70-130	Pass	
Fluoranthene	%	90			70-130	Pass	
Fluorene	%	97			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	71			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Phenanthrene	%	91			70-130	Pass	
Pyrene	%	90			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	96			70-130	Pass	
LCS - % Recovery							
Semivolatile Organics							
2-Methyl-4.6-dinitrophenol	%	32			25-140	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Chlorophenol	%	46			25-140	Pass	
2-Methylphenol (o-Cresol)	%	45			25-140	Pass	
2-Nitrophenol	%	39			25-140	Pass	
2.4-Dichlorophenol	%	39			25-140	Pass	
2.4-Dimethylphenol	%	38			25-140	Pass	
2.4-Dinitrophenol	%	111			25-140	Pass	
2.4.5-Trichlorophenol	%	33			25-140	Pass	
2.4.6-Trichlorophenol	%	62			25-140	Pass	
2.6-Dichlorophenol	%	40			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	38			25-140	Pass	
4-Chloro-3-methylphenol	%	38			25-140	Pass	
4-Nitrophenol	%	94			25-140	Pass	
Pentachlorophenol	%	46			25-140	Pass	
Phenol	%	59			25-140	Pass	
LCS - % Recovery							
Ammonia (as N)	%	97			70-130	Pass	
Biochemical Oxygen Demand (BOD-5 Day)	%	96			85-115	Pass	
Chemical Oxygen Demand (COD)	%	100			70-130	Pass	
Chloride	%	85			70-130	Pass	
Chromium (hexavalent)	%	95			70-130	Pass	
Ferrous Iron - Fe2+	%	89			70-130	Pass	
Sulphate (as SO4)	%	110			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	%	84			70-130	Pass	
Total Organic Carbon	%	122			70-130	Pass	
Turbidity	%	102			70-130	Pass	
LCS - % Recovery							
Alkalinity (speciated)							
Carbonate Alkalinity (as CaCO3)	%	119			70-130	Pass	
Total Alkalinity (as CaCO3)	%	123			70-130	Pass	
LCS - % Recovery							
Hexavalent Chromium Set (filtered)							
Chromium (hexavalent filtered)	%	95			80-120	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	107			80-120	Pass	
Boron (filtered)	%	105			80-120	Pass	
Cadmium (filtered)	%	106			80-120	Pass	
Chromium (filtered)	%	107			80-120	Pass	
Cobalt (filtered)	%	108			80-120	Pass	
Copper (filtered)	%	105			80-120	Pass	
Iron (filtered)	%	112			80-120	Pass	
Lead (filtered)	%	108			80-120	Pass	
Manganese (filtered)	%	108			80-120	Pass	
Mercury (filtered)	%	102			80-120	Pass	
Nickel (filtered)	%	106			80-120	Pass	
Selenium (filtered)	%	105			80-120	Pass	
Thallium (filtered)	%	108			80-120	Pass	
Vanadium (filtered)	%	107			80-120	Pass	
Zinc (filtered)	%	107			80-120	Pass	
LCS - % Recovery							
Alkali Metals							
Calcium	%	96			80-120	Pass	
Magnesium	%	99			80-120	Pass	
Potassium	%	101			80-120	Pass	
Sodium	%	109			80-120	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M26-Fe0042692	NCP	%	127			70-130	Pass	
TRH C10-C14	M26-Fe0043076	NCP	%	128			70-130	Pass	
TRH C6-C10	M26-Fe0042692	NCP	%	126			70-130	Pass	
TRH >C10-C16	M26-Fe0043076	NCP	%	124			70-130	Pass	
Naphthalene	M26-Fe0042692	NCP	%	107			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					
1.1-Dichloroethene	M26-Fe0042692	NCP	%	116			70-130	Pass	
1.2-Dichlorobenzene	M26-Fe0042692	NCP	%	114			70-130	Pass	
1.2-Dichloroethane	M26-Fe0042692	NCP	%	109			70-130	Pass	
Benzene	M26-Fe0042692	NCP	%	115			70-130	Pass	
Ethylbenzene	M26-Fe0042692	NCP	%	123			70-130	Pass	
m&p-Xylenes	M26-Fe0042692	NCP	%	112			70-130	Pass	
o-Xylene	M26-Fe0042692	NCP	%	109			70-130	Pass	
Toluene	M26-Fe0042692	NCP	%	122			70-130	Pass	
Trichloroethene	M26-Fe0042692	NCP	%	128			70-130	Pass	
Xylenes - Total*	M26-Fe0042692	NCP	%	111			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0033574	NCP	%	103			70-130	Pass	
Acenaphthylene	M26-Fe0033574	NCP	%	93			70-130	Pass	
Anthracene	M26-Fe0033574	NCP	%	70			70-130	Pass	
Benz(a)anthracene	M26-Fe0033574	NCP	%	88			70-130	Pass	
Benzo(a)pyrene	M26-Fe0033574	NCP	%	72			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0033574	NCP	%	80			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0033574	NCP	%	93			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0033574	NCP	%	89			70-130	Pass	
Chrysene	M26-Fe0033574	NCP	%	90			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0033574	NCP	%	90			70-130	Pass	
Fluoranthene	M26-Fe0033574	NCP	%	100			70-130	Pass	
Fluorene	M26-Fe0033574	NCP	%	99			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0033574	NCP	%	101			70-130	Pass	
Naphthalene	M26-Fe0033574	NCP	%	100			70-130	Pass	
Phenanthrene	M26-Fe0033574	NCP	%	89			70-130	Pass	
Pyrene	M26-Fe0033574	NCP	%	102			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0033574	NCP	%	96			70-130	Pass	
Aroclor-1260	M26-Fe0033574	NCP	%	96			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	M26-Fe0037635	NCP	%	45			30-130	Pass	
2-Chlorophenol	M26-Fe0033574	NCP	%	38			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0033574	NCP	%	39			30-130	Pass	
2-Nitrophenol	M26-Fe0033574	NCP	%	42			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0037635	NCP	%	39			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0037635	NCP	%	42			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0037635	NCP	%	54			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0037635	NCP	%	40			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0037635	NCP	%	34			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0037635	NCP	%	48			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0033574	NCP	%	32			30-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Chloro-3-methylphenol	M26-Fe0033574	NCP	%	41			30-130	Pass	
4-Nitrophenol	M26-Fe0037635	NCP	%	36			30-130	Pass	
Hexachlorobenzene	M26-Fe0033574	NCP	%	82			70-130	Pass	
Pentachlorophenol	M26-Fe0037635	NCP	%	49			30-130	Pass	
Phenol	M26-Fe0033574	NCP	%	40			30-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0042663	NCP	%	75			70-130	Pass	
Chemical Oxygen Demand (COD)	M26-Fe0044454	NCP	%	102			70-130	Pass	
Chloride	M26-Fe0025042	NCP	%	89			70-130	Pass	
Chromium (hexavalent)	M26-Fe0051313	NCP	%	83			70-130	Pass	
Sulphate (as SO4)	M26-Fe0025042	NCP	%	75			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0042120	NCP	%	91			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0046251	CP	%	125			75-125	Pass	
Barium (filtered)	M26-Fe0046251	CP	%	112			75-125	Pass	
Beryllium (filtered)	M26-Fe0046251	CP	%	99			75-125	Pass	
Boron (filtered)	M26-Fe0045662	NCP	%	105			75-125	Pass	
Cadmium (filtered)	M26-Fe0046251	CP	%	109			75-125	Pass	
Chromium (filtered)	M26-Fe0046251	CP	%	119			75-125	Pass	
Cobalt (filtered)	M26-Fe0046251	CP	%	118			75-125	Pass	
Copper (filtered)	M26-Fe0046251	CP	%	110			75-125	Pass	
Iron (filtered)	M26-Fe0042672	NCP	%	114			75-125	Pass	
Lead (filtered)	M26-Fe0046251	CP	%	104			75-125	Pass	
Manganese (filtered)	M26-Fe0046251	CP	%	94			75-125	Pass	
Mercury (filtered)	M26-Fe0046251	CP	%	85			75-125	Pass	
Nickel (filtered)	M26-Fe0046251	CP	%	113			75-125	Pass	
Selenium (filtered)	M26-Fe0046251	CP	%	102			75-125	Pass	
Thallium (filtered)	M26-Fe0046251	CP	%	106			75-125	Pass	
Vanadium (filtered)	M26-Fe0046251	CP	%	111			75-125	Pass	
Zinc (filtered)	M26-Fe0046251	CP	%	110			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0046251	CP	%	104			75-125	Pass	
Magnesium	M26-Fe0046251	CP	%	115			75-125	Pass	
Potassium	M26-Fe0046251	CP	%	123			75-125	Pass	
Sodium	M26-Fe0046251	CP	%	124			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0042464	NCP	%	100			70-130	Pass	
Acenaphthylene	M26-Fe0042464	NCP	%	91			70-130	Pass	
Anthracene	M26-Fe0042464	NCP	%	92			70-130	Pass	
Benz(a)anthracene	M26-Fe0042464	NCP	%	84			70-130	Pass	
Benzo(a)pyrene	M26-Fe0042464	NCP	%	105			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0042464	NCP	%	95			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0042464	NCP	%	119			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0042464	NCP	%	90			70-130	Pass	
Chrysene	M26-Fe0042464	NCP	%	85			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0042464	NCP	%	101			70-130	Pass	
Fluoranthene	M26-Fe0042464	NCP	%	84			70-130	Pass	
Fluorene	M26-Fe0042464	NCP	%	90			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0042464	NCP	%	91			70-130	Pass	
Naphthalene	M26-Fe0042464	NCP	%	85			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Phenanthrene	M26-Fe0042464	NCP	%	74			70-130	Pass	
Pyrene	M26-Fe0042464	NCP	%	93			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0042464	NCP	%	96			70-130	Pass	
Aroclor-1260	M26-Fe0042464	NCP	%	90			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
Hexachlorobenzene	M26-Fe0042464	NCP	%	96			70-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	M26-Fe0046434	NCP	%	94			70-130	Pass	
Chemical Oxygen Demand (COD)	M26-Fe0042946	NCP	%	88			70-130	Pass	
Chloride	M26-Fe0042624	NCP	%	92			70-130	Pass	
Sulphate (as SO4)	M26-Fe0042624	NCP	%	82			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0042858	NCP	%	109			70-130	Pass	
2-Chlorophenol	M26-Fe0042464	NCP	%	85			30-130	Pass	
2-Methyl-4.6-dinitrophenol	M26-Fe0042464	NCP	%	95			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0042464	NCP	%	58			30-130	Pass	
2-Nitrophenol	M26-Fe0042464	NCP	%	103			30-130	Pass	
2.4-Dichlorophenol	M26-Fe0042464	NCP	%	97			30-130	Pass	
2.4-Dimethylphenol	M26-Fe0042464	NCP	%	86			30-130	Pass	
2.4-Dinitrophenol	M26-Fe0042464	NCP	%	83			30-130	Pass	
2.4.5-Trichlorophenol	M26-Fe0042464	NCP	%	110			30-130	Pass	
2.4.6-Trichlorophenol	M26-Fe0042464	NCP	%	102			30-130	Pass	
2.6-Dichlorophenol	M26-Fe0042464	NCP	%	120			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0042464	NCP	%	37			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0042464	NCP	%	81			30-130	Pass	
4-Nitrophenol	B26-Fe0041285	NCP	%	49			30-130	Pass	
Pentachlorophenol	M26-Fe0042464	NCP	%	67			30-130	Pass	
Phenol	M26-Fe0042464	NCP	%	101			30-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0042672	NCP	%	114			75-125	Pass	
Barium (filtered)	M26-Fe0042672	NCP	%	95			75-125	Pass	
Beryllium (filtered)	M26-Fe0042672	NCP	%	101			75-125	Pass	
Boron (filtered)	M26-Fe0024079	NCP	%	102			75-125	Pass	
Cadmium (filtered)	M26-Fe0042672	NCP	%	107			75-125	Pass	
Chromium (filtered)	M26-Fe0042672	NCP	%	112			75-125	Pass	
Cobalt (filtered)	M26-Fe0042672	NCP	%	112			75-125	Pass	
Copper (filtered)	M26-Fe0042672	NCP	%	109			75-125	Pass	
Iron (filtered)	M26-Fe0042692	NCP	%	113			75-125	Pass	
Lead (filtered)	M26-Fe0042672	NCP	%	103			75-125	Pass	
Manganese (filtered)	M26-Fe0042672	NCP	%	109			75-125	Pass	
Mercury (filtered)	M26-Fe0042672	NCP	%	91			75-125	Pass	
Nickel (filtered)	M26-Fe0042672	NCP	%	108			75-125	Pass	
Selenium (filtered)	M26-Fe0042672	NCP	%	99			75-125	Pass	
Thallium (filtered)	M26-Fe0042672	NCP	%	104			75-125	Pass	
Vanadium (filtered)	M26-Fe0042672	NCP	%	116			75-125	Pass	
Zinc (filtered)	M26-Fe0042672	NCP	%	110			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0046282	NCP	%	99			75-125	Pass	
Magnesium	M26-Fe0046282	NCP	%	105			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Potassium	M26-Fe0046282	NCP	%	103			75-125	Pass	
Sodium	M26-Fe0038681	NCP	%	122			75-125	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	B26-Fe0041285	NCP	%	78			70-130	Pass	
Acenaphthylene	B26-Fe0041285	NCP	%	94			70-130	Pass	
Anthracene	B26-Fe0041285	NCP	%	77			70-130	Pass	
Benz(a)anthracene	B26-Fe0041285	NCP	%	124			70-130	Pass	
Benzo(a)pyrene	B26-Fe0041285	NCP	%	87			70-130	Pass	
Benzo(b&j)fluoranthene	B26-Fe0041285	NCP	%	93			70-130	Pass	
Benzo(g.h.i)perylene	B26-Fe0041285	NCP	%	101			70-130	Pass	
Benzo(k)fluoranthene	B26-Fe0041285	NCP	%	91			70-130	Pass	
Chrysene	B26-Fe0041285	NCP	%	94			70-130	Pass	
Dibenz(a.h)anthracene	B26-Fe0041285	NCP	%	83			70-130	Pass	
Fluoranthene	B26-Fe0041285	NCP	%	73			70-130	Pass	
Fluorene	B26-Fe0041285	NCP	%	73			70-130	Pass	
Indeno(1.2.3-cd)pyrene	B26-Fe0041285	NCP	%	87			70-130	Pass	
Naphthalene	B26-Fe0041285	NCP	%	103			70-130	Pass	
Phenanthrene	B26-Fe0041285	NCP	%	88			70-130	Pass	
Pyrene	B26-Fe0041285	NCP	%	75			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	B26-Fe0041285	NCP	%	93			70-130	Pass	
Aroclor-1260	B26-Fe0041285	NCP	%	96			70-130	Pass	
Spike - % Recovery									
				Result 1					
Chemical Oxygen Demand (COD)	M26-Fe0048361	NCP	%	109			70-130	Pass	
Chromium (hexavalent)	M26-Fe0033573	NCP	%	112			70-130	Pass	
Sulphate (as SO4)	M26-Fe0042654	NCP	%	93			70-130	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0036934	NCP	%	89			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0042692	NCP	%	117			75-125	Pass	
Barium (filtered)	M26-Fe0042692	NCP	%	105			75-125	Pass	
Beryllium (filtered)	M26-Fe0042692	NCP	%	107			75-125	Pass	
Cadmium (filtered)	M26-Fe0042692	NCP	%	109			75-125	Pass	
Chromium (filtered)	M26-Fe0042692	NCP	%	114			75-125	Pass	
Cobalt (filtered)	M26-Fe0042692	NCP	%	113			75-125	Pass	
Copper (filtered)	M26-Fe0042692	NCP	%	105			75-125	Pass	
Iron (filtered)	M26-Fe0045662	NCP	%	79			75-125	Pass	
Lead (filtered)	M26-Fe0042692	NCP	%	108			75-125	Pass	
Manganese (filtered)	M26-Fe0042692	NCP	%	114			75-125	Pass	
Mercury (filtered)	M26-Fe0042692	NCP	%	85			75-125	Pass	
Nickel (filtered)	M26-Fe0042692	NCP	%	108			75-125	Pass	
Selenium (filtered)	M26-Fe0042692	NCP	%	97			75-125	Pass	
Thallium (filtered)	M26-Fe0042692	NCP	%	110			75-125	Pass	
Vanadium (filtered)	M26-Fe0042692	NCP	%	120			75-125	Pass	
Zinc (filtered)	M26-Fe0042692	NCP	%	108			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0038681	NCP	%	104			75-125	Pass	
Magnesium	M26-Fe0038681	NCP	%	112			75-125	Pass	
Potassium	M26-Fe0038681	NCP	%	111			75-125	Pass	
Sodium	M26-Fe0042129	NCP	%	107			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	M26-Fe0033572	NCP	%	102			70-130	Pass	
TRH >C10-C16	M26-Fe0033572	NCP	%	100			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	M26-Fe0037635	NCP	%	105			70-130	Pass	
Acenaphthylene	M26-Fe0037635	NCP	%	103			70-130	Pass	
Anthracene	M26-Fe0037635	NCP	%	75			70-130	Pass	
Benz(a)anthracene	M26-Fe0037635	NCP	%	90			70-130	Pass	
Benzo(a)pyrene	M26-Fe0037635	NCP	%	118			70-130	Pass	
Benzo(b&j)fluoranthene	M26-Fe0037635	NCP	%	96			70-130	Pass	
Benzo(g.h.i)perylene	M26-Fe0037635	NCP	%	116			70-130	Pass	
Benzo(k)fluoranthene	M26-Fe0037635	NCP	%	92			70-130	Pass	
Chrysene	M26-Fe0037635	NCP	%	97			70-130	Pass	
Dibenz(a.h)anthracene	M26-Fe0037635	NCP	%	109			70-130	Pass	
Fluoranthene	M26-Fe0037635	NCP	%	81			70-130	Pass	
Fluorene	M26-Fe0037635	NCP	%	72			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0037635	NCP	%	110			70-130	Pass	
Naphthalene	M26-Fe0037635	NCP	%	81			70-130	Pass	
Phenanthrene	M26-Fe0037635	NCP	%	96			70-130	Pass	
Pyrene	M26-Fe0037635	NCP	%	85			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	M26-Fe0037635	NCP	%	92			70-130	Pass	
Aroclor-1260	M26-Fe0037635	NCP	%	86			70-130	Pass	
Spike - % Recovery									
Semivolatile Organics				Result 1					
2-Methyl-4.6-dinitrophenol	B26-Fe0030256	NCP	%	74			30-130	Pass	
2-Chlorophenol	M26-Fe0037635	NCP	%	57			30-130	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0037635	NCP	%	44			30-130	Pass	
2-Nitrophenol	M26-Fe0037635	NCP	%	46			30-130	Pass	
2.4-Dichlorophenol	B26-Fe0030256	NCP	%	93			30-130	Pass	
2.4-Dimethylphenol	B26-Fe0030256	NCP	%	90			30-130	Pass	
2.4-Dinitrophenol	B26-Fe0030256	NCP	%	44			30-130	Pass	
2.4.5-Trichlorophenol	B26-Fe0030256	NCP	%	63			30-130	Pass	
2.4.6-Trichlorophenol	B26-Fe0030256	NCP	%	67			30-130	Pass	
2.6-Dichlorophenol	B26-Fe0030256	NCP	%	94			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0037635	NCP	%	37			30-130	Pass	
4-Chloro-3-methylphenol	M26-Fe0037635	NCP	%	46			30-130	Pass	
4-Nitrophenol	B26-Fe0030256	NCP	%	31			30-130	Pass	
Hexachlorobenzene	M26-Fe0037635	NCP	%	92			70-130	Pass	
Pentachlorophenol	B26-Fe0030256	NCP	%	74			30-130	Pass	
Phenol	M26-Fe0037635	NCP	%	39			30-130	Pass	
Spike - % Recovery									
				Result 1					
Chloride	M26-Fe0046254	CP	%	87			70-130	Pass	
Ferrous Iron - Fe2+	M26-Fe0046254	CP	%	73			70-130	Pass	
Sulphate (as SO4)	M26-Fe0046254	CP	%	99			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	M26-Fe0045662	NCP	%	110			75-125	Pass	
Barium (filtered)	M26-Fe0045662	NCP	%	83			75-125	Pass	
Beryllium (filtered)	M26-Fe0045662	NCP	%	110			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Cadmium (filtered)	M26-Fe0045662	NCP	%	108			75-125	Pass	
Chromium (filtered)	M26-Fe0045662	NCP	%	109			75-125	Pass	
Cobalt (filtered)	M26-Fe0045662	NCP	%	104			75-125	Pass	
Copper (filtered)	M26-Fe0045662	NCP	%	105			75-125	Pass	
Iron (filtered)	M26-Fe0024079	NCP	%	112			75-125	Pass	
Lead (filtered)	M26-Fe0045662	NCP	%	105			75-125	Pass	
Manganese (filtered)	M26-Fe0024079	NCP	%	101			75-125	Pass	
Mercury (filtered)	M26-Fe0045662	NCP	%	91			75-125	Pass	
Nickel (filtered)	M26-Fe0045662	NCP	%	89			75-125	Pass	
Selenium (filtered)	M26-Fe0045662	NCP	%	98			75-125	Pass	
Thallium (filtered)	M26-Fe0045662	NCP	%	106			75-125	Pass	
Vanadium (filtered)	M26-Fe0045662	NCP	%	112			75-125	Pass	
Zinc (filtered)	M26-Fe0045662	NCP	%	84			75-125	Pass	
Spike - % Recovery									
Alkali Metals				Result 1					
Calcium	M26-Fe0042129	NCP	%	96			75-125	Pass	
Magnesium	M26-Fe0042129	NCP	%	100			75-125	Pass	
Potassium	M26-Fe0042129	NCP	%	102			75-125	Pass	
Sodium	M26-Fe0042119	NCP	%	108			75-125	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	M26-Fe0042691	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C10-C14	M26-Fe0033573	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	M26-Fe0033573	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	M26-Fe0033573	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C6-C10	M26-Fe0042691	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH >C10-C16	M26-Fe0033573	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Naphthalene	M26-Fe0042691	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH >C16-C34	M26-Fe0033573	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	M26-Fe0033573	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	M26-Fe0042691	NCP	mg/L	0.002	0.002	1.0	30%	Pass	
1.1-Dichloroethene	M26-Fe0042691	NCP	mg/L	0.001	0.001	2.0	30%	Pass	
1.1.1-Trichloroethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Benzene	M26-Fe0042691	NCP	mg/L	0.001	0.001	15	30%	Pass	
Bromobenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1.2-Dichloroethene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
cis-1.3-Dichloropropene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	M26-Fe0042691	NCP	mg/L	0.043	0.040	8.0	30%	Pass	
Ethylbenzene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iodomethane	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Isopropyl benzene (Cumene)	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	M26-Fe0042691	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methylene Chloride	M26-Fe0042691	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
o-Xylene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Styrene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	M26-Fe0042691	NCP	mg/L	0.003	0.003	11	30%	Pass	
Toluene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.2-Dichloroethene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1.3-Dichloropropene	M26-Fe0042691	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	M26-Fe0042691	NCP	mg/L	0.001	0.001	6.0	30%	Pass	
Trichlorofluoromethane	M26-Fe0042691	NCP	mg/L	0.010	0.009	8.0	30%	Pass	
Vinyl chloride	M26-Fe0042691	NCP	mg/L	0.015	0.015	3.0	30%	Pass	
Xylenes - Total*	M26-Fe0042691	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Anthracene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benz(a)anthracene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chrysene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.h)anthracene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluoranthene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Naphthalene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenanthrene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pyrene	M26-Fe0040776	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1221	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1232	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1242	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1248	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1254	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1260	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Total PCB*	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0040776	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Chloronaphthalene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1-Naphthylamine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chlorophenol	M26-Fe0040776	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methylphenol (o-Cresol)	M26-Fe0040776	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2-Naphthylamine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitrophenol	M26-Fe0040776	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Picoline	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0040776	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dichlorophenol	M26-Fe0040776	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dimethylphenol	M26-Fe0040776	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	M26-Fe0040776	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0040776	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	M26-Fe0040776	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dichlorophenol	M26-Fe0040776	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	M26-Fe0040776	NCP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chloro-3-methylphenol	M26-Fe0040776	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
4-Nitrophenol	M26-Fe0040776	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Benzyl chloride	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0040776	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachlorophenol	M26-Fe0040776	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M26-Fe0040776	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Pronamide	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0040776	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Ammonia (as N)	M26-Fe0042664	NCP	mg/L	0.03	0.03	6.0	30%	Pass	
Chloride	M26-Fe0046282	NCP	mg/L	650	660	1.0	30%	Pass	
Chromium (hexavalent)	M26-Fe0053690	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Ferrous Iron - Fe2+	M26-Fe0042632	NCP	mg/L	0.12	0.10	18	30%	Pass	
Sulphate (as SO4)	M26-Fe0046282	NCP	mg/L	240	260	10	30%	Pass	
Total Kjeldahl Nitrogen (as N)	M26-Fe0042119	NCP	mg/L	< 1	< 1	<1	30%	Pass	
Hardness mg equivalent CaCO3/L	M26-Fe0046251	CP	mg/L	2900	3000	4.0	30%	Pass	

Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic (filtered)	M26-Fe0046251	CP	mg/L	0.004	0.004	3.0	30%	Pass	
Barium (filtered)	M26-Fe0046251	CP	mg/L	0.03	0.03	<1	30%	Pass	
Beryllium (filtered)	M26-Fe0046251	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Boron (filtered)	M26-Fe0046251	CP	mg/L	1.0	1.1	2.0	30%	Pass	
Cadmium (filtered)	M26-Fe0046251	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium (filtered)	M26-Fe0046251	CP	mg/L	0.003	0.003	1.0	30%	Pass	
Cobalt (filtered)	M26-Fe0046251	CP	mg/L	0.001	0.001	1.0	30%	Pass	
Copper (filtered)	M26-Fe0046251	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iron (filtered)	M26-Fe0046251	CP	mg/L	9.1	9.2	1.0	30%	Pass	
Lead (filtered)	M26-Fe0046251	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Manganese (filtered)	M26-Fe0046251	CP	mg/L	0.32	0.32	1.0	30%	Pass	
Mercury (filtered)	M26-Fe0046251	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel (filtered)	M26-Fe0046251	CP	mg/L	0.008	0.008	1.0	30%	Pass	
Selenium (filtered)	M26-Fe0046251	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Thallium (filtered)	M26-Fe0046251	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vanadium (filtered)	M26-Fe0046251	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Zinc (filtered)	M26-Fe0046251	CP	mg/L	0.008	0.016	67	30%	Fail	Q15
Duplicate									
Alkali Metals				Result 1	Result 2	RPD			
Calcium	M26-Fe0046251	CP	mg/L	640	680	7.0	30%	Pass	
Magnesium	M26-Fe0046251	CP	mg/L	320	320	<1	30%	Pass	
Potassium	M26-Fe0046251	CP	mg/L	86	87	1.0	30%	Pass	
Sodium	M26-Fe0046251	CP	mg/L	650	650	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
1-Naphthylamine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Picoline	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDD	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Dibenzofuran	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0042625	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pronamide	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
1-Chloronaphthalene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	M26-Fe0042625	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0042625	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0042625	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0042625	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0042625	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Biochemical Oxygen Demand (BOD-5 Day)	M26-Fe0046253	CP	mg/L	< 5	< 5	<1	30%	Pass	

Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C10	M26-Fe0042593	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Naphthalene	M26-Fe0042593	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
2-Methyl-4.6-dinitrophenol	M26-Fe0042599	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
1-Chloronaphthalene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1-Naphthylamine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2-Dichlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3-Trichlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.4-Tetrachlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.3.5-Tetrachlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4-Trichlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.2.4.5-Tetrachlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3-Dichlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.3.5-Trichlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
1.4-Dichlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Chloronaphthalene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Methylnaphthalene	M26-Fe0033573	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Naphthylamine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Nitroaniline	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Picoline	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.3.4.6-Tetrachlorophenol	M26-Fe0042599	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.5-Trichlorophenol	M26-Fe0042599	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dinitrotoluene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2.6-Dinitrotoluene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3-Methylcholanthrene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
3.3'-Dichlorobenzidine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Aminobiphenyl	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Nitrophenol	M26-Fe0042599	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
4.4'-DDD	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDE	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4.4'-DDT	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
7.12-Dimethylbenz(a)anthracene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
a-HCH	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Acetophenone	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aldrin	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aniline	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
b-HCH	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Benzyl chloride	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-ethylhexyl)phthalate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Butyl benzyl phthalate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
d-HCH	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-butyl phthalate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Di-n-octyl phthalate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenz(a.j)acridine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dibenzofuran	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dieldrin	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diethyl phthalate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethyl phthalate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Dimethylaminoazobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Diphenylamine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan I	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan II	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endosulfan sulphate	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Semivolatile Organics				Result 1	Result 2	RPD			
Endrin	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin aldehyde	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Endrin ketone	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
g-HCH (Lindane)	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Heptachlor epoxide	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorobutadiene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachlorocyclopentadiene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Hexachloroethane	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Methoxychlor	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodibutylamine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosodipropylamine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
N-Nitrosopiperidine	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Nitrobenzene	M26-Fe0042599	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Pentachlorobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pentachloronitrobenzene	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Pronamide	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Trifluralin	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Haloethers				Result 1	Result 2	RPD			
4-Bromophenyl phenyl ether	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorophenyl phenyl ether	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroethoxy)methane	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Bis(2-chloroisopropyl)ether	M26-Fe0042599	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Chemical Oxygen Demand (COD)	M26-Fe0046254	CP	mg/L	< 25	< 25	<1	30%	Pass	
Total Organic Carbon	M26-Fe0046254	CP	mg/L	71	61	15	30%	Pass	
Turbidity	M26-Fe0046254	CP	NTU	290	300	2.0	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

Karl Bulow	Analytical Services Manager
Caitlin Breeze	Senior Analyst-Inorganic
Dylan Jones	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Volatile
Luke Holt	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Metal
Sheha Prakash	Senior Analyst-Organic



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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#1322252

CHAIN OF CUSTODY RECORD

ENVIROLAB SERVICES — A division of Envirolab Group — ENVIROLAB

CLIENT DETAILS — Page 1 of 1

Company Name : Tierra Environment	Contact Name : Daryl Burrows	Purchase Order : NA	COC Number : T2162
Office Address :	Project Manager : Daryl Burrows	Project Number : AAQ 06 023.30	QUOTE ID :
	Email for results : general@tierra.com.au	Project Name : Alice Springs Landfill	Esdat

Special Directions & Comments :

*Metals to consist of Sb, As, Ba, Be, Cd, Cr, Cr3+, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, V, Zn

Analytes: Metals* | Anion Suite - Chloride, SO4, Alkalinity | Cation Suite _ NA, K, Ca, Mg, Hardness | Organic N (Ammonia, TKN, Organic N) | TOC | COD | Ferrous/Ferric Fe Speciation | PAH | TRH | SVOC | VOC

Laboratory Address

Envirolab - Melbourne
25 Research Drive, Croydon South, VIC 3136
Phone: 03 9763 2500
Fax: 03 9763 2633
Email: adelaide@envirolab.com.au

	Sample ID	Date	Matrix	Metals*	Anion Suite	Cation Suite	Organic N	TOC	COD	Ferrous/Ferric Fe	PAH	TRH	SVOC	VOC	Containers 500P	500A	100P	250A	VIAL	125mL A	Jar	Sample Comments
1	MW2-Y	10-Feb-26	Water	X	X	X	X	X	X	X	X	X	X	X	2	1	4		3	1		
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						

Envirolab Services
25 Research Drive
Croydon South VIC 3136
Ph. (03) 9763 2500

Job No: MA180241
Date Received: 12/02/26
Time Received: 12:25
Received By: JJ
Temp: Cool/Ambient 8.8°C
Cooling: Ice/Icepack
Security: Intact/Broken/None

Relinquished By: Daryl Burrows	Laboratory Staff Adelaide	Laboratory Staff Melbourne	Turn around Time	Method Of Shipment
Date & Time : 10/2/26 11am	Received By:	Received By:	24 Hrs 48 Hrs	[ ] Courier
Signature:	Date & Time :	Date & Time :	[X] 5 Days [ ] 10 Days	[X] Hand Delivered
	Signature:	Signature:		[ ] Postal
	Report Number :	Report Number :		

For samples which require transportation between internal laboratories

Departing — Date & Time — Signature — Temperature

Upon Receipt — Date & Time — Signature — Temperature

Envirolab Services Pty Ltd
ABN 37 112 535 645
25 Research Drive Croydon South VIC 3136
ph +61 3 9763 2500
melbourne@envirolab.com.au
www.envirolab.com.au

Certificate of Analysis MHB0241

Client Details

Client	Tierra Environment
Contact	Daryl Burrows
Address	570 Goodwood Road, Daw Park, SA, 5041

Sample Details

Your Reference	AAQ 06 023.30
Number of Samples	1 Water
Date Samples Received	12/02/2026
Date Instructions Received	12/02/2026

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for soils and on an as received basis for other matrices.

Report Details

Date Final Results Expected	19/02/2026
Date of Issue	22/02/2026

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Accredited for compliance with ISO/IEC 17025. Tests not covered by NATA are denoted with *.

Authorisation Details

Results Approved By	Chaminda Gunasekara, Inorganics Supervisor Chris De Luca, Lab Manager Jenny Xin He, Chemist Maggie Hu, Organics Supervisor Tara White, Metals Supervisor
Laboratory Manager	Chris De Luca

Samples in this Report

Envirolab ID	Sample ID	Matrix	Date Sampled	Date Received
MHB0241-01	MW2-Y	Water	10/02/2026	12/02/2026

Volatile Organic Compounds - Fumigants (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
2,2-Dichloropropane	µg/L	1.0	<1.0
1,2-Dichloropropane	µg/L	1.0	<1.0
cis-1,3-Dichloropropene	µg/L	1.0	<1.0
trans-1,3-Dichloropropene	µg/L	1.0	<1.0
1,2-Dibromoethane	µg/L	1.0	<1.0

Volatile Organic Compounds - MAH (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Benzene	µg/L	1.0	<1.0
Toluene	µg/L	1.0	<1.0
Ethylbenzene	µg/L	1.0	<1.0
meta+para Xylene	µg/L	2.0	<2.0
Styrene	µg/L	1.0	<1.0
ortho-Xylene	µg/L	1.0	<1.0
Isopropylbenzene	µg/L	1.0	<1.0
n-Propylbenzene	µg/L	1.0	<1.0
1,3,5-Trimethylbenzene	µg/L	1.0	<1.0
tert-Butylbenzene	µg/L	1.0	<1.0
1,2,4-Trimethylbenzene	µg/L	1.0	<1.0
sec-Butylbenzene	µg/L	1.0	<1.0
4-Isopropyltoluene	µg/L	1.0	<1.0
n-Butyl benzene	µg/L	1.0	<1.0

Volatile Organic Compounds - Halogenated Aliphatics (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Dichlorodifluoromethane (Freon-12)	µg/L	10	<10
Chloromethane	µg/L	10	<10
Vinyl chloride	µg/L	10	<10
Bromomethane	µg/L	10	<10
Chloroethane	µg/L	10	<10
Trichlorofluoromethane (Freon-11)	µg/L	10	<10
1,1-Dichloroethene	µg/L	1.0	<1.0
trans-1,2-Dichloroethene	µg/L	1.0	<1.0
1,1-Dichloroethane	µg/L	1.0	<1.0
cis-1,2-Dichloroethene	µg/L	1.0	<1.0
Bromochloromethane	µg/L	1.0	<1.0
Chloroform	µg/L	1.0	<1.0
1,1,1-Trichloroethane	µg/L	1.0	<1.0
1,1-Dichloropropene	µg/L	1.0	<1.0
Carbon Tetrachloride	µg/L	1.0	<1.0
1,2-Dichloroethane	µg/L	1.0	<1.0
Trichloroethene	µg/L	1.0	<1.0
Dibromomethane	µg/L	1.0	<1.0
Bromodichloromethane	µg/L	1.0	<1.0
1,1,2-Trichloroethane	µg/L	1.0	<1.0
1,3-Dichloropropane	µg/L	1.0	<1.0
Tetrachloroethene	µg/L	1.0	<1.0
Dibromochloromethane	µg/L	1.0	<1.0
1,1,1,2-Tetrachloroethane	µg/L	1.0	<1.0
Bromoform	µg/L	1.0	<1.0
1,1,2,2-Tetrachloroethane	µg/L	1.0	<1.0
1,2,3-Trichloropropane	µg/L	1.0	<1.0
1,2-Dibromo-3-chloropropane	µg/L	1.0	<1.0
Hexachlorobutadiene	µg/L	1.0	<1.0

Volatile Organic Compounds - Halogenated Aromatics (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Chlorobenzene	µg/L	1.0	<1.0
Bromobenzene	µg/L	1.0	<1.0
2-Chlorotoluene	µg/L	1.0	<1.0
4-Chlorotoluene	µg/L	1.0	<1.0
1,3-Dichlorobenzene	µg/L	1.0	<1.0
1,4-Dichlorobenzene	µg/L	1.0	<1.0
1,2-Dichlorobenzene	µg/L	1.0	<1.0
1,2,4-Trichlorobenzene	µg/L	1.0	<1.0
1,2,3-Trichlorobenzene	µg/L	1.0	<1.0

Volatile Organic Compounds - Other VOCs (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Cyclohexane	µg/L	1.0	<1.0

Volatile Organic Compounds - Surrogates (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Surrogate Dibromofluoromethane	%		*104*
Surrogate Toluene-D8	%		*102*
Surrogate 4-Bromofluorobenzene	%		*108*

Volatile TRH and BTEX (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
TRH C6-C9	µg/L	10	<10
TRH C6-C10	µg/L	10	<10
TRH C6-C10 less BTEX (F1)	µg/L	10	<10
Methyl tert butyl ether (MTBE)	µg/L	1.0	<1.0
Benzene	µg/L	1.0	<1.0
Toluene	µg/L	1.0	<1.0
Ethylbenzene	µg/L	1.0	<1.0
meta+para Xylene	µg/L	2.0	<2.0
ortho-Xylene	µg/L	1.0	<1.0
Total +ve Xylenes	µg/L	1.0	<1.0
Naphthalene (value used in F2 calc)	µg/L	1.0	<1.0
Total +ve BTEX	µg/L	1.0	<1.0
Surrogate Dibromofluoromethane	%		*104*
Surrogate Toluene-D8	%		*102*
Surrogate 4-Bromofluorobenzene	%		*108*

Semi-volatile TRH (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
TRH C10-C14	µg/L	50	<50
TRH C15-C28	µg/L	100	<100
TRH C29-C36	µg/L	100	<100
Total +ve TRH C10-C36	µg/L	50	<50
TRH >C10-C16	µg/L	50	<50
TRH >C10-C16 less Naphthalene F2	µg/L	50	<50
TRH >C16-C34 (F3)	µg/L	100	<100
TRH >C34-C40 (F4)	µg/L	100	<100
Total +ve TRH >C10-C40	µg/L	50	<50
Surrogate o-Terphenyl	%		*71.9*

SVOC - Polycyclic Aromatic Hydrocarbons (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Naphthalene	µg/L	2.0	<2.0
2-Methylnaphthalene	µg/L	2.0	<2.0
2-Chloronaphthalene	µg/L	2.0	<2.0
1-Chloronaphthalene	µg/L	2.0	<2.0
Acenaphthylene	µg/L	2.0	<2.0
Acenaphthene	µg/L	2.0	<2.0
Fluorene	µg/L	2.0	<2.0
Phenanthrene	µg/L	2.0	<2.0
Anthracene	µg/L	2.0	<2.0
Fluoranthene	µg/L	2.0	<2.0
Pyrene	µg/L	2.0	<2.0
2-Acetylaminofluorene	µg/L	2.0	<2.0
Benzo(a)anthracene	µg/L	2.0	<2.0
Chrysene	µg/L	2.0	<2.0
Benzo(b,j,k)fluoranthene	µg/L	4.0	<4.0
7,12-Dimethylbenz(a)anthracene	µg/L	2.0	<2.0
Benzo(a)pyrene	µg/L	2.0	<2.0
3-Methylcholanthrene	µg/L	2.0	<2.0
Indeno(1,2,3-c,d)pyrene	µg/L	2.0	<2.0
Dibenzo(a,h)anthracene	µg/L	2.0	<2.0
Benzo(g,h,i)perylene	µg/L	2.0	<2.0

SVOC - Organochlorine Pesticides (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
alpha-BHC	µg/L	2.0	<2.0
beta-BHC	µg/L	2.0	<2.0
gamma-BHC	µg/L	2.0	<2.0
delta-BHC	µg/L	2.0	<2.0
Heptachlor	µg/L	2.0	<2.0
Aldrin	µg/L	2.0	<2.0
Heptachlor epoxide	µg/L	2.0	<2.0
trans-Chlordane	µg/L	2.0	<2.0
cis-Chlordane	µg/L	2.0	<2.0
Endosulfan I	µg/L	2.0	<2.0
4,4'-DDE	µg/L	2.0	<2.0
Dieldrin	µg/L	2.0	<2.0
Endrin	µg/L	2.0	<2.0
4,4'-DDD	µg/L	2.0	<2.0
Endosulfan II	µg/L	2.0	<2.0
Endrin aldehyde	µg/L	2.0	<2.0
4,4'-DDT	µg/L	2.0	<2.0
Endosulfan sulfate	µg/L	2.0	<2.0
Endrin ketone	µg/L	2.0	<2.0
Methoxychlor	µg/L	2.0	<2.0

SVOC - Organophosphorus Pesticides (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Dichlorvos	µg/L	2.0	<2.0
Mevinphos	µg/L	2.0	<2.0
Phorate	µg/L	2.0	<2.0
Dimethoate	µg/L	2.0	<2.0
Diazinon	µg/L	2.0	<2.0
Disulfoton	µg/L	2.0	<2.0
Chlorpyrifos-methyl	µg/L	2.0	<2.0
Parathion-methyl	µg/L	2.0	<2.0
Ronnel	µg/L	2.0	<2.0
Fenitrothion	µg/L	2.0	<2.0
Malathion	µg/L	2.0	<2.0
Chlorpyrifos	µg/L	2.0	<2.0
Fenthion	µg/L	2.0	<2.0
Parathion	µg/L	2.0	<2.0
Bromophos-ethyl	µg/L	2.0	<2.0
Methidathion	µg/L	2.0	<2.0
Fenamiphos	µg/L	2.0	<2.0
Ethion	µg/L	2.0	<2.0
Phosalone	µg/L	2.0	<2.0
Azinphos-methyl	µg/L	2.0	<2.0
Coumaphos	µg/L	2.0	<2.0

SVOC - Speciated Phenols (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Phenol	µg/L	2.0	<2.0
2-Chlorophenol	µg/L	2.0	<2.0
2-Methylphenol	µg/L	2.0	<2.0
3/4-Methylphenol	µg/L	4.0	<4.0
2-Nitrophenol	µg/L	2.0	<2.0
2,4-Dimethylphenol	µg/L	2.0	<2.0
2,4-Dichlorophenol	µg/L	2.0	<2.0
2,6-Dichlorophenol	µg/L	2.0	<2.0
4-Chloro-3-methylphenol	µg/L	5.0	<5.0
2,4,6-Trichlorophenol	µg/L	2.0	<2.0
2,4,5-Trichlorophenol	µg/L	2.0	<2.0
2,4-Dinitrophenol	µg/L	20	<20
4-Nitrophenol	µg/L	20	<20
2,3,4,6-Tetrachlorophenol	µg/L	2.0	<2.0
4,6-Dinitro-2-methylphenol	µg/L	20	<20
Pentachlorophenol	µg/L	10	<10
Dinoseb	µg/L	20	<20

SVOC - Semi Volatile Chlorinated Hydrocarbons (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Pentachloroethane	µg/L	2.0	<2.0
1,3-Dichlorobenzene	µg/L	2.0	<2.0
1,4-Dichlorobenzene	µg/L	2.0	<2.0
1,2-Dichlorobenzene	µg/L	2.0	<2.0
Hexachloroethane	µg/L	2.0	<2.0
1,2,4-Trichlorobenzene	µg/L	2.0	<2.0
Hexachloropropene	µg/L	2.0	<2.0
Hexachlorobutadiene	µg/L	2.0	<2.0
Hexachlorocyclopentadiene	µg/L	5.0	<5.0
1,2,3,5 & 1,2,4,5-Tetrachlorobenzene	µg/L	4.0	<4.0
Pentachlorobenzene	µg/L	2.0	<2.0
Hexachlorobenzene	µg/L	2.0	<2.0

SVOC - Phthalates (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Dimethyl phthalate	µg/L	10	<10
Diethyl phthalate	µg/L	10	<10
Di-n-butyl phthalate	µg/L	50	<50
Butyl benzyl phthalate	µg/L	10	<10
Bis(2-ethylhexyl) phthalate (DEHP)	µg/L	10	<50
Di-n-octyl phthalate	µg/L	10	<10

SVOC - Haloethers (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Bis(2-chloroethyl) ether	µg/L	5.0	<5.0
Bis(2-chloroisopropyl) ether	µg/L	5.0	<5.0
Bis(2-chloroethoxy) methane	µg/L	5.0	<5.0
4-Chlorophenyl phenyl ether	µg/L	5.0	<5.0
4-Bromophenyl phenyl ether	µg/L	5.0	<5.0

SVOC - Nitrosamines (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
N-Nitrosodi-n-propylamine	µg/L	5.0	<5.0
N-Nitrosomorpholine	µg/L	5.0	<5.0
N-Nitrosopiperidine	µg/L	5.0	<5.0
N-Nitrosodi-n-butylamine	µg/L	5.0	<5.0
Diphenylamine	µg/L	5.0	<5.0

SVOC - Nitroaromatics and Ketones (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Acetophenone	µg/L	5.0	<5.0
Nitrobenzene	µg/L	5.0	<5.0
Isophorone	µg/L	5.0	<5.0
1,3-Dinitrobenzene	µg/L	5.0	<5.0
2,6-Dinitrotoluene	µg/L	5.0	<5.0
5-Nitro-o-toluidine	µg/L	5.0	<5.0
Azobenzene	µg/L	5.0	<5.0
Phenacetin	µg/L	5.0	<5.0
Pentachloronitrobenzene	µg/L	5.0	<5.0

SVOC - Anilines and Amines (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Aniline	µg/L	5.0	<5.0
4-Chloroaniline	µg/L	5.0	<5.0
2-Nitroaniline	µg/L	5.0	<5.0
3-Nitroaniline	µg/L	5.0	<5.0
Dibenzofuran	µg/L	5.0	<5.0
2-Naphthylamine	µg/L	5.0	<5.0
1-Naphthylamine	µg/L	5.0	<5.0
4-Nitroaniline	µg/L	5.0	<5.0

SVOC - Miscellaneous SVOCs (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Ethyl methanesulfonate	µg/L	5.0	<5.0
Benzyl alcohol	µg/L	5.0	<5.0
Isosafrole (cis + trans)	µg/L	10	<10
Safrole	µg/L	5.0	<5.0
Carbazole	µg/L	5.0	<5.0
Methapyrilene	µg/L	10	<10
p-Dimethylaminoazobenzene	µg/L	5.0	<5.0

SVOC - Surrogates (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Surrogate 2-Fluorophenol	%		*50.7*
Surrogate Phenol-D6	%		*33.4*
Surrogate 4-chloro-3-nitrobenzotrifluoride	%		*60.7*
Surrogate Nitrobenzene-D5	%		*62.8*
Surrogate 2-Fluorobiphenyl	%		*62.0*
Surrogate p-Terphenyl-D14	%		*101*

Acid Extractable Low Level Metals (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Chromium	µg/L	1.0	<1.0

Dissolved Metals (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Iron	mg/L	0.020	<0.020

Dissolved Low Level Metals (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Silver	µg/L	1.0	<1.0
Arsenic	µg/L	1.0	<1.0
Barium	µg/L	1.0	13
Beryllium	µg/L	0.50	<0.50
Cadmium	µg/L	0.10	<0.10
Cobalt	µg/L	1.0	3.0
Chromium	µg/L	1.0	<1.0
Copper	µg/L	1.0	6.9
Mercury	µg/L	0.050	0.45
Manganese	µg/L	1.0	61
Nickel	µg/L	1.0	12
Lead	µg/L	1.0	<1.0
Antimony	µg/L	1.0	<1.0
Selenium	µg/L	1.0	2.0
Thallium	µg/L	1.0	<1.0
Vanadium	µg/L	1.0	4.6
Zinc	µg/L	1.0	<1.0

Inorganics - Ionic Balance and Indexes (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Bicarbonate Alkalinity as CaCO3	mg/L as CaCO3	5.0	460
Carbonate Alkalinity as CaCO3	mg/L as CaCO3	5.0	<5.0
Hydroxide OH- as CaCO3	mg/L as CaCO3	5.0	<5.0
Total Alkalinity as CaCO3	mg/L as CaCO3	5.0	460
Chloride	mg/L	1.0	990
Sulfate	mg/L	1.0	2500
Calcium	mg/L	0.50	580
Magnesium	mg/L	0.50	310
Potassium	mg/L	0.50	49
Sodium	mg/L	0.50	830
Hardness (calc) equivalent CaCO3	mg/L	3.0	2700
Ionic Balance	%		1.8
Total Anions	mg/L	7.0	3900
Anions as meq	meq/L	0.59	87
Total Cations	mg/L	2.0	1800
Cations as meq	meq/L	0.10	92

Inorganics - Carbon, Nitrogen and Sulfur Species (Water) - Analysed By Envirolab Services Sydney

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Total Organic Carbon	mg/L	1.0	2.7

Inorganics - Speciated Cr (III/VI) and Fe (II/III) (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Hexavalent Chromium (Total)	mg/L	0.0050	<0.0050
Trivalent Chromium (Total)	mg/L	0.0050	<0.0050
Ferrous Iron	mg/L	0.050	<0.050
Ferric Iron (Fe3+)	mg/L	0.050	<0.050

Inorganics - Nutrients (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
Ammonia as N	mg/L	0.0050	0.17
TKN as N	mg/L	0.10	0.37
Organic Nitrogen by calc	mg/L	0.10	0.20

Inorganics - Common Wastewater Parameters (Water)

Envirolab ID	Units	PQL	MHB0241-01
Your Reference			MW2-Y
Date Sampled			10/02/2026
COD	mg O2/L	50	120

Method Summary

Method ID	Methodology Summary
Calc	Calculation
Calc - Ferric Iron	Calculation
Calc - ION	Calculation
Calc - Trivalent Cr	Calculation
INORG-006	Alkalinity - determined titrimetrically based on APHA latest edition 2320-B. Solids reported from a 1:5 water extract unless otherwise specified. Total Carbon Dioxide - determined by calculation in accordance with APHA latest edition,4500-CO2 D.
INORG-040	The concentrations of the major ions (mg/L) are converted to milliequivalents and summed. The ionic balance should be within +/- 15% i.e. total anions = total cations +/-15%.
INORG-057	Ammonia - determined colourimetrically. Water samples are filtered on receipt prior to analysis. Soils and OHS media are analysed following a water extraction. Alternatively, Ammonia can be extracted from soil using 1M KCl.
INORG-062	TKN - determined colourimetrically. Alternatively, TKN can be derived from calculation (Total N - NOx).
INORG-067	Samples are digested in acid with a known excess of potassium dichromate then the colour change is determined by discrete analyser or UV-VIS in accordance with APHA latest edition 5220 D.
INORG-076	Ferrous Iron determined colourimetrically by Discrete Analyser/UV-VIS.
INORG-079	Carbon forms (inorganic, organic, total) determined using a TOC/NDIR analyser via combustion. Dissolved aqueous\forms require filtering prior to determination.
INORG-081	Anions determined by Ion Chromatography. Waters samples are filtered on receipt prior to analysis. Solids are analysed from a water extract. Alternatively determined by colourimetry/turbidity using Discrete Analyser.
INORG-118	Hexavalent Chromium by Ion Chromatographic separation and colourimetric determination. Waters samples are filtered prior to analysis. Solids are extracted with an alkaline buffered solution, for air sampling media the same alkali extraction can be used or alternatives from NIOSH/OSHA. For aqueous samples, Total Hexavalent Chromium includes the dissolved Hexavalent Chromium and any Hexavalent Chromium solubilised by the preservative i.e. Sodium Hydroxide from any particulate that may be present.
METALS-020	Determination of various metals by ICP-AES. Where salts (oxides, chlorides etc.) are calculated from the element concentration stoichiometrically, there is no guarantee that the salt form is completely soluble in the acids used in the preparation. Where molecular anion forms are calculated from an element (e.g. SO4 from S or PO4 from P stoichiometrically), the assumption is that the element is only present in that molecular anion form. Submission of low masses of sample e.g. for dust samples, may result in raised PQLs.
METALS-021	Determination of Mercury by Cold Vapour AAS.
METALS-022	Determination of various metals by ICP-MS. Please note for Bromine and Iodine, any forms of these elements that are present are included together in the one result reported for each of these two elements. Where salts (oxides, chlorides etc.) are calculated from the element concentration stoichiometrically there is no guarantee that the salt form is completely soluble in the acids used in the preparation.
ORG-020	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID. F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis. Note, the Total +ve TRH PQL is reflective of the lowest individual PQL and is therefore "Total +ve TRH" is simply a sum of the positive individual TRH fractions (>C10-C40).
ORG-022	Determination of semi-volatile organic compounds (SVOCs) by GC-MS. Water samples are extracted by LLE and soils using DCM/Acetone/Methanol.
ORG-022_OC	Determination of semi-volatile organic compounds (SVOCs) by GC-MS. Water samples are extracted by LLE and soils using DCM/Acetone/Methanol.
ORG-023	Determination of volatile organic compounds (VOCs) by P&T-GC-MS. Water samples are analysed directly by purge and trap GC-MS. Soils are extracted with Methanol, diluted and analysed by purge and trap GC-MS.
ORG-023_F1_TOT	Determination of volatile organic compounds (VOCs) by P&T-GC-MS. Water samples are analysed directly by purge and trap GC-MS. Solids are extracted with Methanol, diluted and analysed by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater. Note, the Total +ve Xylene PQL is reflective of the lowest individual PQL and therefore "Total +ve Xylenes" is simply a sum of the positive individual Xylenes.

Result Definitions

Identifier	Description
NR	Not reported
NEPM	National Environment Protection Measure
NS	Not specified
LCS	Laboratory Control Sample
RPD	Relative Percent Difference
>	Greater than
<	Less than
PQL	Practical Quantitation Limit
INS	Insufficient sample for this test
NA	Test not required
NT	Not tested
DOL	Samples rejected due to particulate overload (air filters only)
RFD	Samples rejected due to filter damage (air filters only)
RUD	Samples rejected due to uneven deposition (air filters only)
##	Indicates a laboratory acceptance criteria outlier, for further details, see Result Comments and/or QC Comments

Quality Control Definitions

Blank

This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, and is determined by processing solvents and reagents in exactly the same manner as for samples.

Surrogate Spike

Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

LCS (Laboratory Control Sample)

This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Matrix Spike

A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

Duplicate

This is the complete duplicate analysis of a sample from the process batch. The sample selected should be one where the analyte concentration is easily measurable.

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria. Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction. Spikes for Physical and Aggregate Tests are not applicable. For VOCs in water samples, three vials are required for duplicate or spike analysis.

General Acceptance Criteria (GAC) - Analyte specific criteria applies for some analytes and is reflected in QC recovery tables.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% - see ELN-P05 QAQC tables for details (available on request); <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase. Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was typically insufficient in order to satisfy laboratory QA/QC protocols.

Miscellaneous Information

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached. We have taken the sampling date as being the date received at the laboratory.

Two significant figures are reported for the majority of tests and with a high degree of confidence, for results <10*PQL, the second significant figure may be in doubt i.e. has a relatively high degree of uncertainty and is provided for information only.

Measurement Uncertainty estimates can be downloaded from the Envirolab Resources website or obtained directly by contacting the laboratory.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS where sediment/solids are included by default.

Urine Analysis - The BEI values listed are taken from the 2022 edition of *TLVs and BEIs Threshold Limits by ACGIH*.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volume(s) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Data Quality Assessment Summary MHB0241

Client Details

Client	Tierra Environment
Your Reference	AAQ 06 023.30
Date Issued	22/02/2026

Recommended Holding Time Compliance

No recommended holding time exceedances

Quality Control and QC Frequency

QC Type	Compliant	Details
Blank	Yes	No Outliers
LCS	Yes	No Outliers
Duplicates	Yes	No Outliers
Matrix Spike	No	Matrix Spike Outliers Exist - See detailed list below
Surrogates / Extracted Internal Standards	Yes	No Outliers
QC Frequency	No	QC Frequency Outliers Exist - See detailed list below

Surrogates/Extracted Internal Standards, Duplicates and/or Matrix Spikes are not always relevant/applicable to certain analyses and matrices. Therefore, said QC measures are deemed compliant in these situations by default. See Laboratory Acceptance Criteria for more information

Recommended Holding Time Compliance

Analysis	Sample Number(s)	Date Sampled	Date Extracted	Date Analysed	Compliant
Fumigants | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
VOC - MAH | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Halogenated Aliphatics | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Halogenated Aromatics | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Other VOC | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
VOC - Surrogates | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
vTRH&MBTEXN | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
sTRH | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - PAH | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - OCP | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - OPP | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - Speciated Phenols | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - SVCH | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - Phthalates | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Haloethers | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Nitrosamines | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Nitroaromatics&Ketones | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Anilines&Amines | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Misc SVOC | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
SVOC - Surrogates | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Total Metals (LL) | Water	1	10/02/2026	13/02/2026	17/02/2026	Yes
Dissolved Metals | Water	1	10/02/2026	13/02/2026	16/02/2026	Yes
Dissolved Metals (LL) | Water	1	10/02/2026	13/02/2026	17/02/2026	Yes
Dissolved Metals (LL)-Hg | Water	1	10/02/2026	13/02/2026	16/02/2026	Yes
Alkalinity Suite | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Chloride | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Dissolved Cations | Water	1	10/02/2026	13/02/2026	16/02/2026	Yes
Ion Balance | Water	1	10/02/2026	13/02/2026	16/02/2026	Yes
	1	10/02/2026	16/02/2026	18/02/2026	Yes
Sulfate | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Total Organic Carbon | Water	1	10/02/2026	13/02/2026	22/02/2026	Yes
Cr3+ Total | Water	1	10/02/2026	13/02/2026	17/02/2026	Yes
Cr6+ - Total | Water	1	10/02/2026	12/02/2026	13/02/2026	Yes
Ferric Iron | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Ferrous Iron | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Nitrogen - Ammonia | Water	1	10/02/2026	16/02/2026	16/02/2026	Yes
Nitrogen - TKN | Water	1	10/02/2026	16/02/2026	17/02/2026	Yes
COD | Water	1	10/02/2026	18/02/2026	18/02/2026	Yes

Data Quality Assessment Summary MHB0241

Recommended Holding Time Compliance

Analysis	Sample Number(s)	Date Sampled	Date Extracted	Date Analysed	Compliant

Outliers: Matrix Spike

ORG-020|Semi-volatile TRH (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS1#	o-Terphenyl	60 - 140	##[2]
BHB2364-MS1#	TRH >C10-C16	60 - 140	##[1]
BHB2364-MS1#	TRH C10-C14	60 - 140	##[1]

ORG-022|SVOC - Haloethers (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	4-Bromophenyl phenyl ether	60 - 140	44.8[1]
BHB2364-MS2#	4-Chlorophenyl phenyl ether	60 - 140	44.7[1]
BHB2364-MS2#	Bis(2-chloroethoxy) methane	60 - 140	52.8[1]
BHB2364-MS2#	Bis(2-chloroethyl) ether	60 - 140	48.1[1]
BHB2364-MS2#	Bis(2-chloroisopropyl) ether	60 - 140	57.8[1]

ORG-022|SVOC - Miscellaneous SVOCs (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	Ethyl methanesulfonate	60 - 140	45.7[1]

ORG-022|SVOC - Nitroaromatics and Ketones (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	2,6-Dinitrotoluene	60 - 140	49.3[1]
BHB2364-MS2#	Azobenzene	60 - 140	37.9[1]
BHB2364-MS2#	Isophorone	60 - 140	53.6[1]
BHB2364-MS2#	Nitrobenzene	60 - 140	53.5[1]

ORG-022|SVOC - Nitrosamines (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	Diphenylamine	60 - 140	27.6[1]

ORG-022|SVOC - Organophosphorus Pesticides (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	Chlorpyrifos-methyl	60 - 140	54.0[1]

Data Quality Assessment Summary MHB0241

ORG-022|SVOC - Phthalates (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	Diethyl phthalate	60 - 140	54.2[1]
BHB2364-MS2#	Dimethyl phthalate	60 - 140	41.7[1]

ORG-022|SVOC - Polycyclic Aromatic Hydrocarbons (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	Benzo(a)pyrene	60 - 140	29.0[1]
BHB2364-MS2#	Chrysene	60 - 140	50.3[1]
BHB2364-MS2#	Fluorene	60 - 140	48.3[1]
BHB2364-MS2#	Naphthalene	60 - 140	57.3[1]
BHB2364-MS2#	Phenanthrene	60 - 140	53.5[1]

ORG-022|SVOC - Semi Volatile Chlorinated Hydrocarbons (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	1,2,4-Trichlorobenzene	60 - 140	50.1[1]
BHB2364-MS2#	1,4-Dichlorobenzene	60 - 140	51.8[1]

ORG-022|SVOC - Speciated Phenols (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	2,6-Dichlorophenol	60 - 140	##[1]
BHB2364-MS2#	2-Chlorophenol	60 - 140	##[1]
BHB2364-MS2#	Phenol	30 - 100	##[1]

ORG-022|SVOC - Surrogates (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	2-Fluorobiphenyl	60 - 140	45.8[2]
BHB2364-MS2#	2-Fluorophenol	30 - 100	##[2]
BHB2364-MS2#	4-chloro-3-nitrobenzotrifluoride	60 - 140	48.9[2]
BHB2364-MS2#	Nitrobenzene-D5	60 - 140	47.2[2]
BHB2364-MS2#	Phenol-D6	30 - 100	##[2]
BHB2364-MS2#	p-Terphenyl-D14	60 - 140	54.1[2]

ORG-022_OC|SVOC - Organochlorine Pesticides (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery

ORG-022_OC|SVOC - Organochlorine Pesticides (Water)| Batch BHB2364

Sample ID	Analyte	% Limits	% Recovery
BHB2364-MS2#	4,4'-DDE	60 - 140	40.5[1]
BHB2364-MS2#	Aldrin	60 - 140	48.8[1]
BHB2364-MS2#	Heptachlor	60 - 140	52.6[1]

Outliers: QC Frequency

INORG-079|Inorganics - Carbon, Nitrogen and Sulfur Species (Water)| Batch BHB2260

Analysis	QC Type	Expected	Reported
Total Organic Carbon	Duplicate	1	0
	Matrix Spike	1	0

Quality Control MHB0241

ORG-023|Volatile Organic Compounds - Fumigants (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS1#
2,2-Dichloropropane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,2-Dichloropropane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	103	108
cis-1,3-Dichloropropene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	104	111
trans-1,3-Dichloropropene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	103	111
1,2-Dibromoethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	104	116

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

ORG-023_F1_TOT|Volatile Organic Compounds - MAH (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS1#
Benzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	103	105
Toluene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	106	103
Ethylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	104	99.3
meta+para Xylene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	<2.0 | <2.0 | [NA]	106	101
Styrene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
ortho-Xylene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	109	107
Isopropylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
n-Propylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,3,5-Trimethylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
tert-Butylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,2,4-Trimethylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
sec-Butylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
4-Isopropyltoluene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
n-Butyl benzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

ORG-023|Volatile Organic Compounds - Halogenated Aliphatics (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS1#
Dichlorodifluoromethane (Freon-12)	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	[NA]	[NA]
Chloromethane	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	[NA]	[NA]
Vinyl chloride	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	[NA]	[NA]
Bromomethane	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	[NA]	[NA]
Chloroethane	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	[NA]	[NA]
Trichlorofluoromethane (Freon-11)	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	[NA]	[NA]
1,1-Dichloroethene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
trans-1,2-Dichloroethene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,1-Dichloroethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	106	113
cis-1,2-Dichloroethene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Bromochloromethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Chloroform	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	107	108
1,1,1-Trichloroethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	107	105
1,1-Dichloropropene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Carbon Tetrachloride	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,2-Dichloroethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	103	112
Trichloroethene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	107	105
Dibromomethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Bromodichloromethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	104	113
1,1,2-Trichloroethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,3-Dichloropropane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Tetrachloroethene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	101	93.0
Dibromochloromethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	102	119
1,1,1,2-Tetrachloroethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Bromoform	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	98.4	112
1,1,2,2-Tetrachloroethane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,2,3-Trichloropropane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,2-Dibromo-3-chloropropane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Hexachlorobutadiene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

ORG-023|Volatile Organic Compounds - Halogenated Aromatics (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS1#
Chlorobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Bromobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
2-Chlorotoluene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
4-Chlorotoluene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,3-Dichlorobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,4-Dichlorobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	104	101
1,2-Dichlorobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
1,2,4-Trichlorobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	101	102
1,2,3-Trichlorobenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

ORG-023|Volatile Organic Compounds - Other VOCs (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS1#
Cyclohexane	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	106	87.3

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

Quality Control MHB0241

ORG-023|Volatile Organic Compounds - Surrogates (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS1#
Surrogate Dibromofluoromethane	*%*		*103*	*103 | 103*	*105 | 105*	*99.6*	*105*
Surrogate Toluene-D8	*%*		*102*	*102 | 102*	*102 | 101*	*104*	*101*
Surrogate 4-Bromofluorobenzene	*%*		*109*	*109 | 109*	*110 | 110*	*100*	*103*

Analyte	Units	PQL	Blank	LCS %	Spike % BHB2379-MS2#
Surrogate Dibromofluoromethane	*%*			*99.7*	*116*
Surrogate Toluene-D8	*%*			*104*	*99.8*
Surrogate 4-Bromofluorobenzene	*%*			*102*	*108*

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

ORG-023_F1_TOT|Volatile TRH and BTEX (Water) | Batch BHB2379

Analyte	Units	PQL	Blank	DUP1 BHB2379-DUP1# Samp | QC | RPD %	DUP2 BHB2379-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2379-MS2#
TRH C6-C9	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	111	94.0
TRH C6-C10	µg/L	10	<10	<10 | <10 | [NA]	<10 | <10 | [NA]	110	93.5
Methyl tert butyl ether (MTBE)	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Benzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	99.2	101
Toluene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	99.5	91.2
Ethylbenzene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	98.4	90.2
meta+para Xylene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	<2.0 | <2.0 | [NA]	102	92.5
ortho-Xylene	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	103	97.1
Naphthalene (value used in F2 calc)	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	[NA]	[NA]
Surrogate Dibromofluoromethane	*%*		*103*	*103 | 103*	*105 | 105*	*99.7*	*116*
Surrogate Toluene-D8	*%*		*102*	*102 | 102*	*102 | 101*	*104*	*99.8*
Surrogate 4-Bromofluorobenzene	*%*		*109*	*109 | 109*	*110 | 110*	*102*	*108*

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

ORG-020|Semi-volatile TRH (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS1#
TRH C10-C14	µg/L	50	<50	<50 | <50 | [NA]	64.9	##[1]
TRH C15-C28	µg/L	100	<100	<100 | <100 | [NA]	92.1	77.5
TRH C29-C36	µg/L	100	<100	<100 | <100 | [NA]	106	77.2
TRH >C10-C16	µg/L	50	<50	<50 | <50 | [NA]	61.3	##[1]
TRH >C16-C34 (F3)	µg/L	100	<100	<100 | <100 | [NA]	99.3	84.5
TRH >C34-C40 (F4)	µg/L	100	<100	<100 | <100 | [NA]	90.9	69.8
Surrogate o-Terphenyl	*%*		*63.8*	*71.9 | 71.7*	*68.9*	*##[2]*

Quality Control MHB0241

ORG-022|SVOC - Polycyclic Aromatic Hydrocarbons (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Naphthalene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	89.0	57.3[1]
2-Methylnaphthalene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
2-Chloronaphthalene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
1-Chloronaphthalene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Acenaphthylene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Acenaphthene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Fluorene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	81.8	48.3[1]
Phenanthrene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	89.3	53.5[1]
Anthracene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Fluoranthene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	111	68.6
Pyrene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	115	71.9
2-Acetylaminofluorene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Benzo(a)anthracene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Chrysene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	95.3	50.3[1]
Benzo(b,j,k)fluoranthene	µg/L	4.0	<4.0	<4.0 | <4.0 | [NA]	[NA]	[NA]
7,12-Dimethylbenz(a)anthracene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Benzo(a)pyrene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	91.5	29.0[1]
3-Methylcholanthrene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Indeno(1,2,3-c,d)pyrene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Dibenzo(a,h)anthracene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Benzo(g,h,i)perylene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]

ORG-022_OC|SVOC - Organochlorine Pesticides (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
alpha-BHC	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
beta-BHC	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
gamma-BHC	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
delta-BHC	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Heptachlor	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	84.8	52.6[1]
Aldrin	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	107	48.8[1]
Heptachlor epoxide	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	111	73.0
trans-Chlordane	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
cis-Chlordane	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Endosulfan I	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
4,4'-DDE	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	99.0	40.5[1]
Dieldrin	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	113	75.3
Endrin	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
4,4'-DDD	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	115	68.9
Endosulfan II	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Endrin aldehyde	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
4,4'-DDT	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Endosulfan sulfate	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Endrin ketone	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Methoxychlor	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]

Quality Control MHB0241

ORG-022|SVOC - Organophosphorus Pesticides (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Dichlorvos	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Mevinphos	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Phorate	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Dimethoate	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Diazinon	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Disulfoton	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Chlorpyrifos-methyl	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	80.6	54.0[1]
Parathion-methyl	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Ronnel	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Fenitrothion	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	95.6	71.4
Malathion	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Chlorpyrifos	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	92.9	61.4
Fenthion	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Parathion	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Bromophos-ethyl	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Methidathion	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Fenamiphos	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Ethion	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	93.4	68.7
Phosalone	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Azinphos-methyl	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Coumaphos	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]

ORG-022|SVOC - Speciated Phenols (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Phenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	31.6	##[1]
2-Chlorophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	64.5	##[1]
2-Methylphenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
3/4-Methylphenol	µg/L	4.0	<4.0	<4.0 | <4.0 | [NA]	[NA]	[NA]
2-Nitrophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
2,4-Dimethylphenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
2,4-Dichlorophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
2,6-Dichlorophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	60.3	##[1]
4-Chloro-3-methylphenol	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
2,4,6-Trichlorophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
2,4,5-Trichlorophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
2,4-Dinitrophenol	µg/L	20	<20	<20 | <20 | [NA]	[NA]	[NA]
4-Nitrophenol	µg/L	20	<20	<20 | <20 | [NA]	[NA]	[NA]
2,3,4,6-Tetrachlorophenol	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
4,6-Dinitro-2-methylphenol	µg/L	20	<20	<20 | <20 | [NA]	[NA]	[NA]
Pentachlorophenol	µg/L	10	<10	<10 | <10 | [NA]	[NA]	[NA]
Dinoseb	µg/L	20	<20	<20 | <20 | [NA]	[NA]	[NA]

Quality Control MHB0241

ORG-022|SVOC - Semi Volatile Chlorinated Hydrocarbons (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Pentachloroethane	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
1,3-Dichlorobenzene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
1,4-Dichlorobenzene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	76.1	51.8[1]
1,2-Dichlorobenzene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Hexachloroethane	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
1,2,4-Trichlorobenzene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	76.5	50.1[1]
Hexachloropropene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Hexachlorobutadiene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Hexachlorocyclopentadiene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
1,2,3,5 & 1,2,4,5-Tetrachlorobenzene	µg/L	4.0	<4.0	<4.0 | <4.0 | [NA]	[NA]	[NA]
Pentachlorobenzene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]
Hexachlorobenzene	µg/L	2.0	<2.0	<2.0 | <2.0 | [NA]	[NA]	[NA]

ORG-022|SVOC - Phthalates (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Dimethyl phthalate	µg/L	10	<10	<10 | <10 | [NA]	73.0	41.7[1]
Diethyl phthalate	µg/L	10	<10	<10 | <10 | [NA]	94.4	54.2[1]
Di-n-butyl phthalate	µg/L	50	<50	<50 | <50 | [NA]	101	87.6
Butyl benzyl phthalate	µg/L	10	<10	<10 | <10 | [NA]	[NA]	[NA]
Bis(2-ethylhexyl) phthalate (DEHP)	µg/L	10	<50	<50 | <50 | [NA]	[NA]	[NA]
Di-n-octyl phthalate	µg/L	10	<10	<10 | <10 | [NA]	[NA]	[NA]

ORG-022|SVOC - Haloethers (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Bis(2-chloroethyl) ether	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	82.8	48.1[1]
Bis(2-chloroisopropyl) ether	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	97.0	57.8[1]
Bis(2-chloroethoxy) methane	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	91.3	52.8[1]
4-Chlorophenyl phenyl ether	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	78.0	44.7[1]
4-Bromophenyl phenyl ether	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	69.6	44.8[1]

ORG-022|SVOC - Nitrosamines (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
N-Nitrosodi-n-propylamine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	86.5	88.8
N-Nitrosomorpholine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
N-Nitrosopiperidine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
N-Nitrosodi-n-butylamine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Diphenylamine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	63.4	27.6[1]

ORG-022|SVOC - Nitroaromatics and Ketones (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Acetophenone	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Nitrobenzene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	91.7	53.5[1]
Isophorone	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	85.5	53.6[1]
1,3-Dinitrobenzene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
2,6-Dinitrotoluene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	77.3	49.3[1]
5-Nitro-o-toluidine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Azobenzene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	65.9	37.9[1]
Phenacetin	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Pentachloronitrobenzene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]

Quality Control MHB0241

ORG-022|SVOC - Anilines and Amines (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Aniline	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
4-Chloroaniline	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
2-Nitroaniline	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
3-Nitroaniline	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Dibenzofuran	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
2-Naphthylamine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
1-Naphthylamine	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
4-Nitroaniline	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]

ORG-022|SVOC - Miscellaneous SVOCs (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Ethyl methanesulfonate	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	63.2	45.7[1]
Benzyl alcohol	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Isosafrole (cis + trans)	µg/L	10	<10	<10 | <10 | [NA]	[NA]	[NA]
Safrole	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Carbazole	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]
Methapyrilene	µg/L	10	<10	<10 | <10 | [NA]	[NA]	[NA]
p-Dimethylaminoazobenzene	µg/L	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]	[NA]

ORG-022|SVOC - Surrogates (Water) | Batch BHB2364

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % BHB2364-MS2#
Surrogate 2-Fluorophenol	%		*60.2*	*50.7 | 44.1*	*56.7*	*##[2]*
Surrogate Phenol-D6	%		*34.4*	*33.4 | 32.4*	*40.4*	*##[2]*
Surrogate 4-chloro-3-nitrobenzotrifluoride	%		*64.8*	*60.7 | 63.6*	*79.9*	*48.9[2]*
Surrogate Nitrobenzene-D5	%		*88.4*	*62.8 | 63.5*	*82.7*	*47.2[2]*
Surrogate 2-Fluorobiphenyl	%		*62.0*	*62.0 | 60.0*	*73.6*	*45.8[2]*
Surrogate p-Terphenyl-D14	%		*78.5*	*101 | 84.3*	*105*	*54.1[2]*

METALS-022|Acid Extractable Low Level Metals (Water) | Batch BHB2167

Analyte	Units	PQL	Blank	DUP1 BHB2167-DUP1# Samp | QC | RPD %	DUP2 BHB2167-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2167-MS1#
Chromium	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	6.32 | 5.82 | [NA]	96.5	98.7

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

METALS-020|Dissolved Metals (Water) | Batch BHB2168

Analyte	Units	PQL	Blank	DUP1 BHB2168-DUP1# Samp | QC | RPD %	DUP2 BHB2168-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2168-MS1#
Iron	mg/L	0.020	<0.020	<0.020 | <0.020 | [NA]	0.185 | 0.185 | 0.00	102	99.8

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

METALS-021|Dissolved Low Level Metals (Water) | Batch BHB2165

Analyte	Units	PQL	Blank	DUP1 BHB2165-DUP1# Samp | QC | RPD %	LCS %	Spike % BHB2165-MS1#
Mercury	µg/L	0.050	<0.050	<0.050 | <0.050 | [NA]	113	116

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

Quality Control MHB0241

METALS-022|Dissolved Low Level Metals (Water) | Batch BHB2166

Analyte	Units	PQL	Blank	DUP1 BHB2166-DUP1# Samp | QC | RPD %	DUP2 BHB2166-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2166-MS1#
Antimony	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	83.5	99.3
Arsenic	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	84.8	96.4
Barium	µg/L	1.0	<1.0	50.0 | 47.5 | 5.27	109 | 96.6 | 11.7	83.9	76.6
Beryllium	µg/L	0.50	<0.50	<0.50 | <0.50 | [NA]	<0.50 | <0.50 | [NA]	99.0	97.6
Cadmium	µg/L	0.10	<0.10	<0.10 | <0.10 | [NA]	23.1 | 21.4 | 8.00	89.0	101
Chromium	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	86.8	95.0
Cobalt	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	4.25 | 3.74 | [NA]	87.3	94.6
Copper	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	8.40 | 7.17 | 15.8	87.3	90.6
Lead	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	114 | 103 | 10.5	97.0	94.9
Manganese	µg/L	1.0	<1.0	73.2 | 64.1 | 13.3	129 | 118 | 8.91	85.1	73.7
Nickel	µg/L	1.0	<1.0	2.23 | 1.98 | [NA]	27.9 | 26.1 | 6.52	87.3	92.9
Selenium	µg/L	1.0	<1.0	10.6 | 8.99 | 16.2	1.41 | 1.17 | [NA]	99.1	103
Silver	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	92.0	[NA]
Thallium	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	91.0	87.7
Vanadium	µg/L	1.0	<1.0	1.36 | <1.0 | [NA]	<1.0 | <1.0 | [NA]	86.9	97.1
Zinc	µg/L	1.0	<1.0	<1.0 | <1.0 | [NA]	8640 | 7960 | 8.22	87.5	85.4

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

METALS-020|Inorganics - Ionic Balance and Indexes (Water) | Batch BHB2168

Analyte	Units	PQL	Blank	DUP1 BHB2168-DUP1# Samp | QC | RPD %	DUP2 BHB2168-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2168-MS1#
Calcium	mg/L	0.50	<0.50	12.7 | 12.7 | 0.0316	3.66 | 3.66 | 0.164	96.9	78.7
Magnesium	mg/L	0.50	<0.50	30.0 | 30.1 | 0.0832	1.51 | 1.50 | [NA]	101	94.7
Potassium	mg/L	0.50	<0.50	5.92 | 5.91 | 0.203	3.49 | 3.47 | 0.431	105	101
Sodium	mg/L	0.50	<0.50	100 | 100 | 0.458	7.55 | 7.50 | 0.744	105	84.4
Hardness (calc) equivalent CaCO3	mg/L	3.0	<3.0	155 | 155 | 0.0598	15.4 | 15.3 | 0.473	[NA]	[NA]

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

INORG-006|Inorganics - Ionic Balance and Indexes (Water) | Batch BHB2392

Analyte	Units	PQL	Blank	DUP1 BHB2392-DUP1# Samp | QC | RPD %	LCS %
Bicarbonate Alkalinity as CaCO3	mg/L as CaCO3	5.0	<5.0	38.9 | 37.5 | 3.66	[NA]
Carbonate Alkalinity as CaCO3	mg/L as CaCO3	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]
Hydroxide OH- as CaCO3	mg/L as CaCO3	5.0	<5.0	<5.0 | <5.0 | [NA]	[NA]
Total Alkalinity as CaCO3	mg/L as CaCO3	5.0	<5.0	38.9 | 37.5 | 3.66	96.2

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

INORG-081|Inorganics - Ionic Balance and Indexes (Water) | Batch BHB2426

Analyte	Units	PQL	Blank	DUP1 BHB2426-DUP1# Samp | QC | RPD %	LCS %	Spike % BHB2426-MS1#
Chloride	mg/L	1.0	<1.0	669 | 619 | 7.79	93.4	116
Sulfate	mg/L	1.0	<1.0	50.7 | 48.6 | [NA]	97.1	104

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

INORG-079|Inorganics - Carbon, Nitrogen and Sulfur Species (Water) | Batch BHB2260

Analyte	Units	PQL	Blank	LCS %
Total Organic Carbon	mg/L	1.0	<1.0	91.0

Quality Control MHB0241

INORG-118 | Inorganics - Speciated Cr (III/VI) and Fe (II/III) (Water) | Batch BHB2070

Analyte	Units	PQL	Blank	DUP1 MHB0241-01 Samp | QC | RPD %	LCS %	Spike % MHB0241-01
Hexavalent Chromium (Total)	mg/L	0.0050	<0.0050	<0.0050 | <0.0050 | [NA]	105	109

INORG-076 | Inorganics - Speciated Cr (III/VI) and Fe (II/III) (Water) | Batch BHB2418

Analyte	Units	PQL	Blank	DUP1 BHB2418-DUP1# Samp | QC | RPD %	LCS %	Spike % BHB2418-MS1#
Ferrous Iron	mg/L	0.050	<0.050	17.8 | 17.9 | 0.503	85.5	82.5

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

INORG-057 | Inorganics - Nutrients (Water) | Batch BHB2367

Analyte	Units	PQL	Blank	DUP1 BHB2367-DUP1# Samp | QC | RPD %	DUP2 BHB2367-DUP2# Samp | QC | RPD %	LCS %	Spike % BHB2367-MS1#
Ammonia as N	mg/L	0.0050	<0.0050	0.570 | 0.565 | 0.800	0.115 | 0.115 | 0.00434	105	86.0

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

INORG-062 | Inorganics - Nutrients (Water) | Batch BHB2517

Analyte	Units	PQL	Blank	DUP1 BHB2517-DUP1# Samp | QC | RPD %	LCS %	Spike % MHB0241-01
TKN as N	mg/L	0.10	<0.10	0.521 | 0.544 | 4.28	92.2	97.5

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

INORG-067 | Inorganics - Common Wastewater Parameters (Water) | Batch BHB2903

Analyte	Units	PQL	Blank	DUP1 BHB2903-DUP1# Samp | QC | RPD %	LCS %
COD	mg O2/L	50	<50	52.0 | 59.0 | [NA]	112

The QC reported was not specifically part of this workorder but formed part of the QC process batch.

QC Comments

Identifier	Description
[1]	Spike recovery is outside routine acceptance criteria (60-140%), this may be due to suspected non-homogeneity and/or matrix interference effects. However, an acceptable recovery was achieved for the LCS.
[2]	Surrogate recovery was low due to sample(s) emulsifying during liquid liquid extraction.