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FORMER WASTE CONTROL SITE

Annual Groundwater Monitoring Programme 2012

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REPORT

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Executive Summary

This executive summary should be read in the context of the whole report and not as a standalone document.

Golder Associates Pty Ltd (Golder) was engaged by LandCorp, acting on behalf of the Department of Environment and Conservation (DEC), to undertake the 2012 annual groundwater monitoring programme at the former Waste Control site in Bellevue, WA (the site).

Between 1987 and 2001, a chemical/oil recycling and waste treatment facility operated at the site. In February 2001, a large fire broke out at the site destroying the treatment and recycling plant and a stockpile of drummed waste chemicals. Several investigations of the site and surrounds identified hydrocarbon and halogenated hydrocarbon groundwater contamination associated with the former chemical/oil recycling and waste treatment facility. Furthermore, results from investigations in 2008 and 2009 (Golder, 2009b) indicated that a separate off-site plume originated from a local source near the east end of Stanley Street containing trichloroethene (TCE) as the only organic contaminant. Potential groundwater impacts in the Damplands Area are primarily associated with the off-site TCE plume. The two separate plumes were interpreted to converge beneath the escarpment prior to entering the Damplands Area (Golder, 2009a). As a remediation strategy, a sequenced denitrification permeable reactive barrier (PRB) and a zero valent iron (ZVI) PRB were installed into the Damplands Area with construction completed in May 2010.

The 2012 annual groundwater monitoring included both on-site and off-site shallow monitoring wells which are in close proximity to the source area. The programme included the collection of groundwater and surface water measurements and the collection of samples from 29 locations. The results from this annual monitoring programme are in general agreement with the results of previous programmes. The exception to this was an increase in TCE concentrations observed in monitoring wells downgradient of Stanley Street associated with the off-site source.

As previously identified in the 2008, 2009, 2010 and 2011, annual groundwater monitoring results, two plume centrelines can be identified:

1) a plume consisting of a mixture of chlorinated ethenes with concentrations generally below risk based criteria

2) a plume of predominantly TCE that has been inferred to have emanated from the Stanley Street cul-de-sac.

Both plumes converge at the base of the escarpment where the PRB system has been installed.

Results from the 2012 annual groundwater monitoring programme indicated concentrations of chlorinated ethenes along the on-site plume centre line have generally decreased or remained stable in comparison to 2011 results. However, concentrations of chlorinated ethenes along the centre line of the Stanley Street (off-site) plume have increased since 2011. No chlorinated ethenes were detected in the Helena River which is consistent with previous monitoring results. The concentration of TCE at MWG66 (located downgradient of the PRB system) has decreased since 2011; however, a slight increase in TCE concentration at MWG68 was noted and both are below risk based criteria. No apparent trends were noted relating to hydrocarbon concentrations and, therefore, the understanding of contamination at the site has not changed.

Golder recommends that an annual monitoring programme also be undertaken in 2013. All monitoring locations undertaken in 2012 should be included in the 2013 annual monitoring programme. Golder also recommends redevelopment of the groundwater wells which had high turbidity or sediment in the groundwater samples as this may impact on the effectiveness of the pump operation and may affect the analytical results. Further, Golder recommends collection of a water level from MWG55 (Lot 2), MWG58 (Lot 2), MWG83 (Lot 2) and MW27 (Waste Control Site) to further understand groundwater elevation within the Base of Guildford formation.

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1.0 INTRODUCTION

LandCorp, acting on the behalf of the Department of Environment and Conservation (DEC) engaged Golder Associates Pty Ltd (Golder) to undertake a 2012 annual groundwater monitoring programme at the former Waste Control site in Bellevue, WA (the site). This is an annual report and is not intended to be a standalone document and should be read in conjunction with previous reports produced for the site.

A location plan showing the regional setting of the site is included as Figure 1. Groundwater and surface water sampling locations are shown in Figure 2. This report presents the results and conclusions from the 2012 annual monitoring programme. A summary of groundwater analytical results from the permeable reactive barrier (PRB) system is also included in this report. Detailed monitoring results from the vicinity of the PRB system are provided in the Quarterly Bellevue PRB Report (117643092-020-R-RevA, dated September 2012).

2.0 BACKGROUND

A chemical/oil recycling and waste treatment facility operated at the site between 1987 and 2001.
In February 2001, a large fire occurred at the site destroying the treatment and recycling plant and a stockpile of drummed waste chemicals. Several investigations of the site and surrounds have identified hydrocarbon and halogenated hydrocarbon groundwater impacts associated with the former chemical/oil recycling and waste treatment facility. Numerous groundwater monitoring wells have been installed as part of the previous investigations, including the WCT Series (HRS, 2000), the WCB Series (DoE, 2001-2004), the MW Series (URS, 2002 and 2003) and the MWG Series (Golder, 2008a and 2009a).

Furthermore, results from investigations in 2008 and 2009 (Golder, 2009b) indicated that a separate off-site plume originated from a local source near the east end of Stanley Street containing primarily trichloroethene (TCE) and more recently minor concentrations of tetrachloroethene (PCE). Potential groundwater impacts in the Damplands Area are primarily associated with the off-site TCE plume. The two separate plumes were interpreted to converge beneath the escarpment prior to entering the Damplands Area (Golder, 2009a). As a remediation strategy, a sequenced denitrification PRB and a zero valent iron (ZVI) PRB were installed into the Damplands Area with construction completed in May 2010.

The PRB system was installed to remediate concentrations of halogenated organic compounds (primarily TCE) *in situ* to concentrations below risk based criteria (RBC). The PRB system has been positioned at the base of the river valley escarpment where the groundwater plumes naturally converge and site conditions are suitable for PRB construction.

Golder (2006a, 2008b, 2008c, and 2009c) conducted a health and ecological risk assessment of the groundwater and soil at the former chemical/oil recycling and waste treatment facility ('the site') and surrounds. Concentrations of contaminants in groundwater exceeding human health RBC were identified at the site and Lot 2. In addition, RBC exceedences were identified in groundwater located beneath the Hanson property, the Southwest Industrial Area and in the Damplands/Helena River. Concentrations exceeding ecological screening criteria and, where available, RBC, were identified in groundwater entering the Damplands.

Groundwater monitoring of the site is undertaken annually and this report presents the results from the 2012 annual monitoring programme undertaken between 11 and 21 June 2012.

2.1 Site Description

The former Waste Control site comprises Lots 88 and 99, in the suburb of Bellevue, WA. However, previous investigations have identified that off-site groundwater has also been impacted. Bellevue is a semi-industrial suburb that contains both light industrial and residential properties. The lots where monitoring was undertaken during the 2012 annual monitoring programme are as follows:

- Lot 88 and 99 – the former Waste Control site
- Lot 5 Oliver Street – Hanson Property
- Lot 1 (commonly referred to as the Damplands)
- Lot 2 (Main Roads)
- Lot 87 – Stanley Street: A&P Transport
- Lot 82 – Street Address: 3 Stanley Street
- Portion of Stanley Street Road Reserve
- Upgradient of site on Irwin Street.

A location plan showing the regional setting of the study area is included as Figure 1. Monitoring wells included in the 2012 sampling event are presented in Figure 2. For further detail on the site description, refer to Golder 2008a and 2008d.

2.2 Hydrogeological Setting

Regionally, Perth is underlain by a series of aquifers separated by confining beds. Three main aquifers have been identified (Commander, 2004); however, only the upper two aquifers present beneath the study area have the potential to be impacted by contaminated water. These aquifers are:

- The unconfined Superficial Aquifer comprising the permeable units of the Swan Coastal Plain; the Guildford Formation and alluvial sediments. Locally, groundwater flows south/south-west in the Guildford Formation/alluvial sediments towards the Helena River but regionally groundwater flows to the west. Elsewhere, groundwater may be used for public water supply but in the vicinity of the site groundwater is used for irrigation (watering parks, irrigation of domestic crops, garden watering etc.).
- The semi-confined Leederville Formation in which groundwater flows generally south south-west from the area of the site. The Leederville Formation is a major aquifer used for public water supply and irrigation.

Where encountered in the local study area, the upper portion of the Leederville Formation included relatively low permeability clay and clayey sand deposits (aquitard). This is consistent with the semi-confined description of this unit with lower permeability layers marking the interface with the overlying Guildford sediments.

The clay intervals present within the Guildford Formation acts as a barrier for the downward migration of recharge water and/or contaminants and has resulted the formation of a perched aquifer located above the Regional Watertable. Wells installed within the perched aquifer have been identified as being located in the "Shallow Perched Aquifer".

A detailed hydrogeological interpretation was presented in *"Geological and Hydrogeological Conditions, Bellevue Waste Control Site"* (Golder, 2005) and *"Hydrogeological Site Assessment*" (Golder, 2006b). Water level data indicate the regional 'true' groundwater table (referred to herein as the 'Regional Watertable') was located between 7 and 9 m AHD (Australian Height Datum), approximately 8 to 12 m below ground level in the Guildford Formation. Perched groundwater zones have been identified above the Regional Watertable beneath the former Waste Control site but not in the off-site study area.

2.3 Monitoring Objectives

The monitoring objectives of the 2012 annual monitoring programme were to:

- evaluate the direction and velocity of groundwater across the site
- monitor changes in contaminant distribution (if any), with a particular focus on:
  - the leading downgradient edges of the hydrocarbon and chlorinated hydrocarbon plumes
  - impacts on the Leederville Formation and the Helena River.
- monitor groundwater contamination in the vicinity of the site.

2.4 Scope of Works

The scope of work for the 2012 annual monitoring programme to meet these objectives comprised:

- the collection of a round of groundwater level measurements
- the collection of groundwater samples from 26 monitoring wells at the site, Hanson, Southwest Industrial Area, Lot 2 and Damplands
- the collection of three surface water samples from the Helena River.

Groundwater samples were collected from 26 monitoring well locations and three surface water locations from the Helena River. The 2012 annual monitoring programme was undertaken between 11 June 2012 and 21 June 2012 and was based on recommendations, guidance and data quality objectives (DQO) outlined in the Sampling and Analysis Plan (SAP) and the scope outlined in the Annual Groundwater Programme (Golder 2010). MW49 was blocked with tree roots and was unable to be sampled initially. Golder removed the roots and bailed the groundwater wells to remove loose root material. MW49 monitoring well was then left for approximately one week to stabilise and was sampled on 4 July 2012. The monitoring well locations are summarised below based on their hydrogeological unit with their respective cadastral locations listed in parenthesis. All sampling locations are shown on Figure 2.

Guildford (Regional Watertable)

- MW21i (Waste Control Site)
- MW22i (Waste Control Site)
- MW23i (Waste Control Site)
- MW42 (Lot 2)
- MWG49 (Lot 2)
- MWG54 (Lot 2)
- MWG57 (Lot 2)
- MWG59 (Lot 2)
- MWG62 (Damplands)
- MWG63 (Damplands)
- MWG64 (Hanson)
- MWG65 (A&P Transport)
- MWG70 (Stanley Street)
- MWG91A (Lot 2)

Base of Guildford

- MW25 (Waste Control Site)
- MWG46 (Irwin Street)
- MWG48 (Lot 2)
- MWG91B (Lot 2)
- MWG91C (Lot 2)
- MWG69 (Stanley Street)

Leederville

- MWG45 (Irwin Street)
- MWG47 (Lot 2)

Alluvium

- MW36 (Damplands)
- MWG60 (Damplands)
- MWG66 (Damplands)
- MWG68 (Damplands)

Helena River

- SG05 (Downstream)
- SG07 (Upstream)
- SG06 (Midstream)

3.0 METHODOLOGY

The methodology used in the 2012 groundwater monitoring event is consistent with the guidelines outlined in the Golder SAP (Golder, 2010). A summary of the wells, recorded measurements and location of samples collected as part of the 2012 Annual Groundwater Monitoring Programme is provided as Table A.
The reference to the water level measurement is in reference to an initial round of groundwater level measurements collected on the first day of the field programme, 11 June 2012.

Table A: Summary of Monitoring Locations and Works Undertaken

Locations	Water Level Measurements	Field Parameters Recorded	Sample Taken
MW21i	Yes	Yes	Yes
MW22i	Yes	Yes	Yes
MW23i	Yes	Yes	Yes
MW25	Yes	Yes	Yes
MW32	Yes	No	No
MW35	Yes	No	No
MW36	Yes	Yes	Yes
MW38	Yes	No	No
MW42	Yes	Yes	Yes
MW43	Yes	No	No
MWG45	Yes	Yes	Yes
MWG46	Yes	Yes	Yes
MWG47	Yes	Yes	Yes
MWG48	Yes	Yes	Yes
MWG49	Yes	Yes (after development)	Yes
MWG50	Yes	No	No
MWG51	Yes	No	No
MWG54	Yes	Yes	Yes
MWG56	Yes	No	No
MWG57	Yes	Yes	Yes
MWG59	Yes	Yes	Yes
MWG60	Yes	Yes	Yes
MWG62	Yes	Yes	Yes
MWG63	Yes	Yes	Yes
MWG64	Yes	Yes	Yes
MWG65	Yes	Yes	Yes
MWG66	Yes	Yes	Yes

Locations	Water Level Measurements	Field Parameters Recorded	Sample Taken
MWG67	Yes	No	No
MWG68	Yes	Yes	Yes
MWG69	Yes	Yes	Yes
MWG70	Yes	Yes	Yes
MWG82	Yes	No	No
MWG91A	Yes	Yes	Yes
MWG91B	Yes	Yes	Yes
MWG91C	Yes	Yes	Yes
SG05	Yes	Yes	Yes
SG06	Yes	Yes	Yes
SG07	Yes	Yes	Yes
Total			
Total	38	29	29

3.1 Water Sampling

Twenty-six wells at the former Waste Control site, Damplands, Lot 2, Irwin Street (upgradient) and the Southwest Industrial Area were purged and sampled using a submersible QED Sample Pro® MicroPurge submersible pump (QED submersible pump) which was operated at a low flow rate of 120 to 280 mL/min. Due to low recharge, reduced flow rates were used in order to minimise the rate of drawdown for MWG91B (40 mL/min), MWG65 (100 mL/min), MWG47 (50 mL/min), MW22i (100 mL/min) and MW21i (60 mL/min).

Three locations in the Damplands were purged and sampled using a peristaltic pump. Constant flow rates, ranging between 240 to 250 mL/min were used for all of these locations (MWG60, MWG66 and MWG68).

Three surface water samples were collected from the Helena River using a peristaltic pump. Constant flow rates of approximately 240 to 300 mL/min were used for all of these locations (SG05, SG06 and SG07).

The peristaltic pump in conjunction with dedicated tubing was used as the pump is external to the well, eliminating a potential source of cross-contamination. A water level was taken prior to pumping at each location using a water level meter and drawdown was monitored when using the peristaltic pump to ensure that the groundwater level did not fall below the intake valve of the pump. An interface probe was used within the Waste Control Site to assess whether non-aqueous phase liquids (NAPLs) were present prior to sampling. No NAPL was observed during this monitoring event.

The QED submersible pump was used for the remainder of the wells sampled as the depth of groundwater was generally greater than the 8 m pumping limit of the peristaltic pump. Sampling was undertaken in accordance with standard quality procedures adopted by Golder to minimise the risk of cross-contamination. In particular, the QED submersible pump was thoroughly decontaminated prior to use and between each sampling location. The decontamination procedure consisted of disassembling the pump and washing all components in a water/decon90 mix followed by rinsing components at an initial distilled water station, and again at a second distilled water wash station. The pump was finally sprayed a third time with analytical grade distilled water using a hand sprayer prior to reassembling and installation into the well. Nitrile gloves were replaced between each of the three wash stations and hand spray rinse, with the water used to clean the pump changed between each sample location. All non-stainless steel pump components (Teflon bladder and o-rings) were also replaced between locations. One rinsate blank is collected on the submersible pump per day of groundwater sampling as a check on the decontamination process. Rinsate blanks are collected between sampling points following the decontamination of the submersible pump. Laboratory-supplied water is poured over the internal components of the submersible pump that are in contact with purge water during sampling and collected into new laboratory bottles for subsequent laboratory analysis.

Laboratory grade distilled water was used for the final decontamination of submersible pump components prior to pump assemblage. The laboratory grade distilled water was sampled and analysed on 14 June 2012 for quality assurance and quality control purposes.

The monitoring wells sampled using the QED submersible pump were generally collected in an order from least contaminated to most contaminated based on previous chemical data obtained at the site to further minimise the potential for cross-contamination.

Regardless of the pump used, near continuous measurements of field groundwater parameters were recorded during the purging process, which include pH, temperature, electrical conductivity (EC), oxidation reduction potential (ORP) and dissolved oxygen (DO). All field samples were collected using a pre-calibrated TPS90 FLMV water quality meter. A groundwater sample was collected once the field parameters stabilised (to within 0.1 of a pH unit and ±10% of other parameters). The pH and conductivity calibration of the meter was checked twice daily by submersing the relevant probes into two standard pH solutions (pH 4 and pH 7) and a standard conductivity solution (2.76 mS/cm).

Each groundwater sample was collected using dedicated nitrile gloves, dedicated high density polyethylene tubing and placed into laboratory supplied bottles with the relevant preservatives. Samples for metals analysis were field filtered with a single-use disposable 0.45 µm filter prior to mixing with preservative. Samples were stored under dark and cool conditions in an esky with ice or freezer bricks while in the field and in transit to the laboratory. Each sample, including all quality assurance samples, was given a unique Sample Control Number, which was recorded on a Chain of Custody (CoC) form with all other relevant sampling information. A CoC record was kept for samples from the time of sample collection until delivery to the laboratory. All primary samples were submitted to Leeder Consulting (Leeder), who are NATA accredited for all analyses. Blind duplicate samples were also submitted to Leeder. Blind triplicate samples were submitted to ALS Environmental (ALS), who is NATA accredited for all analyses. The CoC forms and the laboratory certificates are included as Appendix A.

Collected groundwater samples were analysed for one of the following analytical suites:

Suite 1

Testing suite 1 comprised the following analytes:

- total petroleum hydrocarbons (TPH) (C_6-C_{36})
- volatile organic compounds (VOCs) including chlorinated ethenes, brominated VOCs (Br-VOCs), dichloroethane (DCA) and benzene, toluene, ethylbenzene and xylene (BTEX).

The following 15 monitoring wells were analysed for suite 1: MWG45, MWG46, MWG47, MWG48, MWG49, MWG57, MWG91A, MWG91B, MWG91C, MWG59, MWG54, MW42, MWG65, MWG69 and MWG70.

Suite 2

Testing suite 2 comprised the following analytes:

- TPH (C_6-C_{36})
- VOCs including chlorinated ethenes, Br-VOCs, DCA and BTEX
- dissolved metals (including aluminium, arsenic, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel and zinc).

The following five monitoring wells were analysed for suite 2: MWG64, MW21i, MW22i, MW23i, MW25.

Suite 3

Testing suite 3 comprised the following analytes:

- TPH (C_6-C_{36})
- VOCs including chlorinated ethenes, Br-VOCs, DCA and BTEX
- dissolved metals (including aluminium, arsenic, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel and zinc)
- nitrate as N.

The following nine locations were analysed for suite 3: MW36, MWG60, MWG62, MWG63, MWG66, MWG68, SG05, SG06 and SG07.

3.1.1 QA/QC

The field QA/QC programme adopted for the investigation complied with recommendations in the SAP (Golder, 2010). In particular, the field QA/QC included the following:

- The use of dedicated equipment at each location coupled with stringent field decontamination procedures to minimise the potential risk of cross-contamination.
- The collection of samples into laboratory supplied sample containers with appropriate preservatives where required.
- The collection and review of trip blanks as a check on sample integrity and laboratory data quality.
- Field duplicates submitted to the primary NATA approved laboratory, with duplicate samples being sent an alternative NATA approved laboratory.
- Consideration of internal laboratory QA/QC results, including a review of laboratory duplicate and blank sample results, as well as the results of surrogate and spike analyses.
- Discussion of any other QA/QC issues that arise.

The laboratory QA/QC programme adopted for the investigation also complied with recommendations in the SAP (Golder, 2010) and included the following:

- The primary laboratory for the annual samples was conducted by Leeder Consulting with ALS as the secondary laboratory. All laboratories are NATA registered for all the required analyses.
- A minimum of one laboratory duplicate performed on each batch of samples provided to the laboratory. The relative percent difference (RPD) is considered satisfactory if below 50%. Laboratory blanks were run at the beginning and end of each batch of samples. Spike recovery analyses for each analytical suite, for each batch of samples received (i.e. one spike recovery analyses for every 10 samples) were undertaken. Spike recovery analysis results within a range of 75% to 125% are considered satisfactory for quality assurance and quality control purposes.

3.2 Sampling Locations

Less groundwater monitoring wells were sampled in 2012 groundwater monitoring event than in the 2011 annual monitoring event. The 2011 monitoring event contained additional monitoring locations to assess changes in contaminant levels for the purpose of preparing for source remediation. The additional location sampled during the 2011 monitoring event included seven shallow wells and five wells located adjacent to or within the former Waste Control site property boundaries. Sampling of these additional wells was not considered necessary for the 2012 annual monitoring event as these wells have previously been assessed as having a marginal value for long term sampling (Golder, 2006c).

4.0 EVALUATION CRITERIA

Analytical results from groundwater monitoring were compared against appropriate site-specific RBC developed in the human health and ecological risk assessment conducted for the site and surrounds (Golder 2008b, 2008c and 2009b). These site-specific RBC considered the current and future uses of the site and surrounds.

For the Site, Lot 2, Hanson Property, Industrial area to the south-west and upgradient wells there are two primary human health risk based criteria that are considered, namely:

- an indoor worker exposed to contaminants via vapour inhalation only
- an outdoor worker/irrigator exposure to contaminants in groundwater via vapour inhalation, ingestion and dermal exposure.

In most cases, the more conservative RBC were for the irrigator scenario with the exceptions being contaminants that are volatile and carcinogenic i.e. TCE and vinyl bromide. As there is a restriction on the abstraction of groundwater[1] on the site and Hanson property under their Contaminated Sites Classification (*Contaminated - Remediation Required*) the irrigator scenario is a future land use consideration.

The Damplands health RBC is based on an exposure scenario for a worker not conducting irrigation activities exposed to outdoor vapours. The RBC for the outdoor worker at the site, Hanson and Southwest are also applicable to the Damplands should irrigation be undertaken in the future use of the land.

RBC were not developed for aquatic receptors. Instead published screening criteria based on the protection of a mixture of aquatic species in moderately disturbed ecosystems were used in the majority of cases[2] (Golder, 2008c). Application of these screening criteria to Damplands monitoring wells upgradient of the Helena River provides a conservative assessment of risks to the aquatic ecosystems as some attenuation of chemical concentrations is expected prior to discharge into the River.

Results from the Helena River samples were compared against both the health recreational swimmer RBC (Golder, 2008b) Aquatic Ecological Screening Criteria (previously discussed).

The groundwater results along with the adopted RBCs for each location are provided in Tables 1 to 8.

5.0 2012 ANNUAL MONITORING RESULTS

Results from the 2012 annual monitoring programme are provided in Tables 1 to 8. The following discussion summarises the results from both the water level monitoring and the groundwater analysis.

5.1 Water Levels

Water levels collected during the 2012 annual monitoring programme have been included in Table 8 in addition with historical measurements, and presence/absence of non-aqueous phase liquid (NAPL) for each monitoring location. The groundwater level at a majority of the monitoring locations increased compared to the 2011 programme. An average increase of 0.57 m was observed based on the locations dipped as part of the annual monitoring programme.

5.2 Groundwater Movement

Groundwater surface elevations were measured in June 2012 in the superficial aquifer that consists of three groundwater bearing zones (Regional Watertable, Alluvium and Base of Guildford) as well as the semi-confined Leederville) formation and the Shallow Perched Aquifer identified at the Waste Control Site. Groundwater surface elevations maps for the Regional Watertable, Base of Guildford and Guildford

[1] The Contaminated Sites Act 2003 Basic Summary of Recorders indicates that for the site and Hanson property that "*groundwater abstraction is not permitted at this source site due to the nature and extent of groundwater contamination*" and "*groundwater abstraction is not permitted at these affected Parcels for the source site due to the nature and extent t of groundwater contamination*", respectively.

[2] Anthracene, benzo(a)pyrene, fluoranthene and phenanthrene have changed to the 99% protection level (as recommended by ANZECC and ARMCANZ 2000), due to the potential for bioaccumulation and secondary poisoning effects.

(Regional Watertable) Formations are presented in Figures 3, 4 and 5 respectively. Groundwater surface elevations at the Regional Watertable in the Guildford Formation and in the Damplands Alluvial Formations have been interpreted as a single continuous unit. Groundwater contours within a single hydrogeologic unit are generally indicative of horizontal groundwater gradients and resultant flow patterns. However, groundwater elevation contours across the escarpment (the transition zone between the Guildford and Alluvial units) also incorporate a large component of vertical hydraulic gradients associated with topographic relief across this feature.

Table B below presents interpreted groundwater flow directions and gradients for the Regional Watertable, Base of Guildford Formation, Alluvial Formation and Leederville Formation.

Table B: Groundwater Flow Direction and Gradient

Groundwater Bearing Zone	Flow Direction	Gradient	Comment
Regional Watertable (Guildford Formation)	SW	3.5×10^{-3}	Average flow direction from site (MW22i) to top of Escarpment (MWG91A)
Base of Guildford Formation	SW	3.5×10^{-3}	Average flow direction from site (MW25) to top of Escarpment (MWG91C)
Alluvial Formation	SSW	2.5×10^{-3}*	Average flow direction from bottom of Escarpment (MWG66) to Helena River (SG06)
Leederville Formation	SW/SSW	4.6×10^{-3}	Average flow direction from upgradient well (MW45) to top of Escarpment (MWG47)

**The depth to water for MWG66 was taken from the groundwater sampling field sheet on the day of sampling (21 June 2012) as this was the closest date to the date the depth to water at SG06 was measured (20 June 2012).*

Consistent with the previous annual monitoring programme, hydraulic gradients and flow directions in the Regional Watertable and Base of Guildford were similar. The overall direction of groundwater flow in the three groundwater bearing zones between the site and the Helena River is in a south-west to south south-west direction.

Calculated hydraulic gradients for the Regional Watertable and the Base of Guildford Formation have increased slightly to those previously calculated for the 2011 annual monitoring event. The hydraulic gradient for the Regional Watertable has increased from 3.0×10^{-3} to 3.5×10^{-3} and the hydraulic gradient for the Base of Guildford Formation has increased from 3.1×10^{-3} to 3.5×10^{-3}. The hydraulic gradient for the Alluvial Formation has decreased from 2.8×10^{-3} to 2.5×10^{-3}. The hydraulic gradient for the Alluvial and Leederville formations were consistent with those previously calculated for the 2011 annual monitoring programme.

Table C outlines trends in groundwater flow direction by formation between 2005 and 2012. The 2012 results were generally consistent with these historical interpretations. However, the following should be noted. In April 2005, the Guildford Formation was examined as a single unit. From June 2007 onward, the Guildford Formation was divided into two water bearing units: the Base of Guildford Formation and Regional Watertable which essentially describes the free groundwater surface within the Guildford Formation.

By June 2007, new monitoring wells installed in the Alluvial Formation bordering the Helena River allowed interpretation of the groundwater flow in this unit beneath the Damplands.

The installation of a PRB in April 2010 in the Damplands may have altered the groundwater flow direction in some formations at a local scale. Results from 2012 suggest that groundwater flow direction is still generally south-west in all formations.

Table C: Groundwater Flow Directions by Formation between 2005 and 2012

Formation	Reporting Year and Groundwater Flow Direction						
	2005	2007	2008	2009	2010	2011	2012
Guildford	SSW						
Regional		SW	SW	SW	SSW	SW/SSW	SW
Base of Guildford		SW	SW	SW	SSW	SW	SW
Leederville	SSW	SSW	SSW	SSW		SW/SSW	SW/SSW
Alluvial		S	SSW	SSW	SSW		SSW

5.2.1 Groundwater Velocities

Approximate groundwater velocities can be obtained from the Darcy equation:

$$v = \frac{Ki}{n_e}$$

where (L is a unit of length and T is a unit of time):

v = linear particle velocity (LT^{-1})

K = hydraulic conductivity (LT^{-1})

i = hydraulic gradient (LL^{-1})

n_e = effective porosity (L^3L^{-3})

Hydraulic gradients are presented in Table B.

Representative hydraulic conductivity values were selected using the geometric mean for each groundwater bearing zone from hydraulic conductivity tests conducted between 2005 and 2009. In 2005, hydraulic conductivity tests were undertaken at 29 monitoring wells (Golder, 2005) including two wells previously tested by URS. In 2008, hydraulic conductivity tests were conducted on an additional 14 new monitoring wells (Golder 2008a). The four hydraulic conductivity tests conducted in the Regional and Base of Guildford prior to 2005 were not considered in the calculations. The more recent tests provided a sufficiently large database of values and as a result, due to the limited data set collected prior to 2005, its exclusion does not alter the geometric mean hydraulic conductivities by more than 0.05 m/day.

Consistent with previous historical interpretations, an assumed effective porosity for the silty sand material which comprises the matrix of the Leederville and Guildford Formation of 0.3 was used in the groundwater velocity estimations. An effective porosity of 0.25 was assumed for the Alluvial Formation.

Table D provides estimates for groundwater flow velocities for the four units. The estimates for groundwater flow velocities of Regional Guildford, Base of Guildford, Alluvial and Leederville Formations are based on the results from prior hydraulic conductivity tests as presented in Golder (2008a).

Table D: Approximate Groundwater Velocities using May 2012 Hydraulic Gradients

Formation	No. of Tests	Hydraulic Conductivity (m/d)	Gradient	Effective Porosity	Velocity	
					(m/day)	(m/year)
Regional Guildford (silty sand – clayey sand)	19	0.2	3.5×10^{-3}	0.3	2.26×10^{-3}	1
Base of Guildford (sandy clay – sand)	48	2.3	3.5×10^{-3}	0.3	2.7×10^{-2}	10
Alluvial (silty sand – sand)	28	2.8*	2.5×10^{-3}	0.25	2.8×10^{-2}	10
Leederville (clayey sand – sand)	26	0.4	4.6×10^{-3}	0.3	6.1×10^{-3}	2

*Does not include results from the A series wells of the PRB.

The above estimates for groundwater flow velocities are indicative only and were averaged over the estimated flow path. The groundwater velocities at the Regional Guildford, Base of Guildford formation the alluvial formation and the Leederville formation are comparable to 2011.

5.2.2 Vertical Hydraulic Gradients

Vertical hydraulic gradients were determined by comparing the groundwater levels at two wells screened in the same groundwater bearing zone. The difference between the upgradient and downgradient wells was then divided by the distance between the wells.

Vertical hydraulic gradients have been estimated for the following inter-aquifer relationships:

- Regional Watertable – Base of Guildford Formation (Table 9a)
- Base of Guildford Formation – Leederville Formation (Table 9b)
- Standing water in Helena River and the Alluvial Formation at the base of the escarpment (Table 9c).

Historical information on this vertical gradient relationship has been previously reported (Table 9c, Golder 2010a). Monitoring well locations are shown in Figure 2. A summary of vertical hydraulic gradient information for the above relationships for the sampling times over different seasons between May 2005 and July 2011 is presented in Table E below.

Table E: Current and Historical Vertical Hydraulic Gradient Data

Formations	Examined Well Pairs			Gradient Range	Average Gradient	Historic Trend	2012
Regional Watertable to Base of Guildford	MW22i/MW25	MWG49/MWG48	MWG51/MWG50	-0.166 to 0.029	-0.003	Weak Downward	Weak Downward
	MWG57/MWG55	MWG59/MWG58	MWG72/MWG71				
	MWG81/MWG80	MWG84/MWG83	MWG91A/MWG91C				
	MWG70/MWG69						
Base of Guildford to Leederville	MWG46/MWG45	MWG48/MWG47	MWG75/MWG76	-0.128 to 0.012	-0.03	Weak Downward	Weak Downward
	MWG33/MWG56						
Damplands Pond to Alluvium	SG02/WCB02*	SG03/WCB08*		-0.091 to 0.018	-0.019	Weak Downward	-
Helena River to Alluvium	SG06/MW36	SG07/WCB04*	SG06/WCB05*	-0.064 to 0.928	0.212	Strong Upward	Moderate Upward

*well no longer exists

Within the Guildford Formation, between the Regional Watertable and the base of this formation the vertical hydraulic gradients were generally considered weakly downward. The results from the 2012 groundwater monitoring event were consistent with the historical weakly downward gradient. The following vertical pairs were measured in 2012:

- Three well pairs exhibited a flat to weakly downward gradient (MW22i & MW25, MW51 & MW50, MWG91A & MWG91C and MWG70 & MWG69). Groundwater levels decreased at these wells locations by an average of approximately 0.6 m since June 2011.
- A weakly downward gradient of -0.013 was observed between MWG49 (7.887 m AHD) and MWG48 (7.77 m AHD). The water level in MWG49 had increased by 0.07 m while the water level at MWG48 had decreased by 0.7 m since June 2011. The occurrence is consistent with the 2011 annual monitoring programme; in 2011 the water level increased in MWG49 and decreased in MWG48 contributing to a weakly downward trend.

Overall, the dominant trend was still a flat to weakly downward hydraulic gradient which likely reflects drainage towards the Helena River valley and recharge from precipitation. It is likely that groundwater flow is predominantly lateral and it is unlikely that there is significant vertical groundwater movement within the Guildford Formation.

Generally, flat to weakly downward gradients have been observed between the Base of Guildford and Leederville Formations. This indicates the study area is a potential zone of groundwater recharge. However, relatively lower hydraulic conductivities were observed at monitoring wells in the Leederville, suggesting that the upper part of the formation may be acting as a semi-confining unit (aquitard).

In 2012 well pairs MWG46 & MWG45 and MWG48 & MWG47 exhibited a flat gradient. Groundwater levels decreased at these wells by an average of approximately 0.8 m compared to 2011.

There were no paired wells measured in 2012 to compare vertical hydraulic gradient data between the:

- Alluvium and Base of Guildford formations. Historically, a weak downward gradient has existed between the Alluvial Formation and the Base of the Guildford Formation.
- Regional Watertable and Base of Guildford in the vicinity of the PRB. Historically, a weak to moderate downward gradient has existed between the Regional Watertable and the Base of the Guildford in the vicinity of the PRB.
- Base of Guildford and Leederville in the vicinity of the PRB. Historically, there was a strong downward gradient between the Base of the Guildford and Leederville Formations, indicating the potential for downward movement of groundwater in the vicinity of the PRB.
- Damplands Pond and Alluvium. Historically a downward hydraulic gradient has been observed between the seasonally standing water at the base of the escarpment (the “Damplands Pond”) and the Alluvial Formation.

The paired locations MW36 and SG06 indicated a moderate upward gradient in 2012. Historically, the trend has been a strong upward gradient. An anomaly to this trend was reported 2011 where the data indicated a moderate downward gradient. The anomaly was attributed to the fact that the annual was undertaken later in the year than usual (July instead of June) and that heavy precipitation was experienced during the previous months which increased the water level in the river. Historically, responses in groundwater levels to precipitation have been found to have lag times of almost four months with maximum water levels often noted in October or November.

Although heavy rainfall was experienced in the field during the 2012 annual programme, the previous month had comparably low rainfall (BOM, 2012). Therefore, it is likely that there was not enough time to observe the response of the water levels to the June rainfall.

Seasonal changes in the groundwater regime appear to have an effect on vertical gradients within the Damplands and Helena River areas. In 2005, vertical gradients from the Alluvium to the Helena River were upward during the drier periods of summer and autumn indicating groundwater discharge to the river. However, monitoring during the higher rainfall winter period showed a downward gradient indicating flow from the river to the Alluvial Formation consistent with higher urban runoff experienced during this time.

5.3 Water Quality Results

The following discussion summarises locations where key analytes were detected which were above the site-specific RBC and aquatic ecosystem criteria appropriate for each of the main land blocks within the study area.

Monitoring well locations where groundwater concentrations from the 2012 monitoring results exceeded the site-specific RBC are shown on Figure 6. Monitoring well locations where groundwater concentrations from the 2012 monitoring results exceeded the aquatic ecosystem screening criteria are shown in Figure 7. The highest concentration between the primary and duplicate samples for SG06 has been presented on Figure 7.

5.3.1 Field Parameters

Field parameters collected from each well sampled during the monitoring round are presented in Table 11. This table includes pH, ORP, temperature, EC, DO, odours, colour and sheen. The original field sheets are provided in Appendix B. No sheen was detected in any of the monitoring wells; however the following odours were noted:

- chemical odour at MW21i (Site, Regional Watertable), MW22i (Site, Regional Watertable), MW23i (Site, Regional Watertable) and MWG64 (Hanson, Regional Watertable)
- organic odour at MWG47 (Lot 2, Leederville) and MWG60 (Damplands, Alluvium)
- sulfur odour at MWG66 (Damplands, Alluvium).

The monitoring wells which were noted to have a chemical odour are all located within close proximity to the source area and have been noted to have chemical odours in previous annual monitoring rounds.

Sediment was noted under colour in the groundwater in Table 11. Sediment was noted in five monitoring wells, MW22i, MW25, MW36, MW49, MWG60, MWG91B and MW91C and therefore this may have affected the analytical results. The pH ranged between 5.13 (MWG62, Damplands, Regional Watertable) and 7.05 (MW22i, Regional Watertable). In 2011 the pH at 28 of the 41 monitoring locations (68%) was found to be below 6 and consequently the groundwater was considered to be slightly acidic. Only 14 of the 29 monitoring locations (48%) sampled in 2012 indicted a pH below 6. The greatest variation in pH in comparison to 2011 results was at MWG91B (Lot 2, Base of the Guildford) increasing from 5.58 to 6.42. Based on the 2012 monitoring results the groundwater is no longer considered to be slightly acidic.

The majority of the monitoring locations indicated DO concentrations above 1.00 mg/L, with the highest reading at MWG91C (6.11 mg/L, Base of Guildford, Lot 2). In comparison to 2011 results, DO concentrations have generally increased with 15 of 26 groundwater monitoring wells showing an increase in DO (58%). Considerable increases in DO concentration have been noted at several monitoring locations; MWG91B (1.36 mg/L to 6.11 mg/L), MWG91C (0.4 mg/L to 4.95 mg/L), MWG65 (0.78 mg/L to 4.3 mg/L), MWG48 (0.11 mg/L to 2.22 mg/L), MW42 (0.45 mg/L to 3.21 mg/L), MW22i (0.35 mg/L to 2.41 mg/L) and MW25 (0.16 mg/L to 3.91 mg/L). Elevated DO readings may be attributed to bubbles within the sampling line during purging. Significant decrease in DO level was also noted at MWG49 (3.1 mg/L to 0.52 mg/L), MWG59 (5.03 mg/L to 1.26 mg/L) and MWG63 (4.1 mg/L to 1.63 mg/L). The DO concentrations in all three surface samples decreased slightly in comparison with the 2010 results.

Electrical conductivity values ranged from 2780 µS/cm (MW45, Leederville, Irwin Street) to 422 µS/cm (MWG46, Base of Guildford, Irwin Street), which is generally consistent with previous monitoring events. MWG46 and MWG54 were the only wells to record conductivity values less than 500 µS/cm. Generally, low conductivities indicate areas of high recharge from low conductivity rainfall water; however, MWG46 is an

exception as it is located in the Base of Guildford and, therefore, would not be anticipated to be influenced by recharge. MWG46 has previously recorded a conductivity value below 500 µS/cm in 2010 and in 2011 the conductivity value was just above this at 510 µS/cm. MWG54 has not previously indicated conductivity values below 500 µS/cm. However, conductivity readings for MWG54 have indicated a decreasing trend over time; 627 µS/cm in 2010, 537 µS/cm in 2011 and 486 µS/cm in 2012. The groundwater levels at MWG54 are elevated in comparison to the nearby MWG51 and upgradient MW42 therefore it is possible that this location may be more influenced by infiltration from surface water runoff or rainfall. Rainfall in May 2010 was 44 mm in comparison to 127 mm and 184 mm in June 2011 and 2012 respectively.

Conductivities values greater than 2000 µS/cm were observed at:

- MW22i (site, Regional Watertable) - 2470 µS/cm
- MWG45 (Upgradient, Leederville) - 2750 µS/cm
- MWG47 (Lot 2, Leederville) - 2033 µS/cm.

The on-site Regional Watertable monitoring well (MW22i) is located below sealed areas in order to prevent recharge. MWG45 is located upgradient and on an unsealed area indicating that recent recharge would be expected to influence the groundwater quality. EC at MWG45 in 2010 (3530 µS/cm) and 2011 (3230 µS/cm) was also high. MWG47 did not previously indicate a conductivity values above 2000 µS/cm; however, recorded values were previously just below 2000 µS/cm (1986 µS/cm in 2010 and 1925 µS/cm in 2011). MWG45 and MWG47 bores are both screened in the Leederville aquifer indicating that the Leederville aquifer may naturally exhibit a higher conductivity range in this area.

The EC of the three samples from the Helena River ranged between 622 µS/cm (SG07,upstream) and 667 µS/cm (SG05, downstream). These values were generally consistent with previous monitoring events.

The ORP ranged from -90 mV (MW22i, Guildford) to 204 mV (MWG63, Damplands, Guildford and MWG57, Lot 2, Guildford). Six sampling locations (MWG 68, MWG66, MWG60, MW23i, MW22i and MW21i) contained ORP values less than 0 mV indicating slightly reducing conditions. MW21i, MW22i and MW23i have been previously identified as within the hydrocarbon plume where reducing conditions would be expected. Slightly reducing conditions within the hydrocarbon plume likely indicate that natural attenuation of the plume is occurring. MWG68, MWG66 and MWG60 are located in the Damplands. The remaining 20 groundwater monitoring locations contained ORP readings between 24 mV and 204 mV, indicating slightly oxidising conditions. Thirteen groundwater monitoring locations had ORP values greater than 100 mV and are screened either in the Guildford or Base of the Guildford formation. The three surface sample locations had ORP values ranging from 84 mV (SG06, midstream) to 123 mV (SG05, downstream).

5.3.2 Upgradient

Two upgradient monitoring wells MWG45 (Leederville) and MWG46 (Base of Guildford) both located on Irwin Street were sampled for background purposes. Both upgradient samples were analysed for suite 2 analytes. The complete results of the 2012 groundwater sampling for all locations upgradient are presented in Table 4, along with historical groundwater sampling results dating back to 2005.

The results indicated all analyte concentrations were below the limit of reporting (LOR) and the RBC criteria, with the exception of VOCs analysis for carbon tetrachloride and dichloromethane, where the LOR (0.001 mg/L and 0.1 mg/L respectively) was greater than the assessment criteria (0.00075 mg/L and 0.0351 mg/L, respectively).

5.3.3 On-Site (Former Waste Control Site)

Samples were collected from the following four on-site monitoring wells:

- MW21i (Regional Watertable)
- MW22i (Regional Watertable)
- MW23i (Regional Watertable)
- MW25 (Base of Guildford).

All samples collected from the site were analysed for suite 2. A complete summary of the analytical results are presented in Table 1 which also includes historical groundwater sampling results dating back to 2005.

5.3.3.1 RBC Exceedences

On-site groundwater results were compared against relevant RBC for the site and Lot 2. Table F below presents an overall summary of the analytes detected at concentrations above relevant RBC.

Table F: Summary of On-site Results above Relevant RBC (all units mg/L)

Location	Monitoring Zone	Analytes	2010	2011	2012	Relevant RBC
MW21i	Regional Watertable	Benzene	0.007	0.006	0.003	0.00274
		TPH C_{10}-C_{14}	12	13	5.2	0.655
		Vinyl Bromide	0.079	0.081	0.064	0.00113
		Vinyl Chloride	<0.001	0.007	0.2	0.0737
MW22i	Regional Watertable	Arsenic (filtered)	0.0051*	0.0005	0.019*	0.00241
		Benzene	0.012	0.013*	0.016	0.00274
		TPH C_{10}-C_{14}	2.1	1.9*	4.1	0.655
		1,2-DCA	0.03	0.03*	0.003	0.00126
MW23i	Regional Watertable	Arsenic (filtered)	0.04	0.022	0.016	0.00241
		Benzene	0.005	0.003	0.004	0.00274
		TPH C_{10}-C_{14}	0.42	0.17	0.81	0.655
		1,2-DCA	0.002	0.001	0.002	0.00126
		Vinyl Bromide	0.0027	<0.0001	0.006	0.00113

*Duplicate result reported as it was greater than the primary result

The detection of vinyl chloride above the RBC at MW21i (former Waste Control site) was a new occurrence. Vinyl chloride has been detected at this well location in 2005, 2008 and 2011; however, not at levels greater than the RBC.

Arsenic has historically been reported above the relevant RBC at MW21i but was identified in 2012 at concentrations below relevant RBC. Arsenic was not detected above the RBC at MW22i in 2011; however, it was detected above the RBC in 2010. TPH C_{10}-C_{14}, 1,2-DCA and vinyl bromide were not detected at MW23i at concentrations greater than the RBC in 2011; however, these contaminants have previously been detected at concentrations greater than the RBC.

The LOR for carbon tetrachloride (0.001 mg/L) was greater than RBC (0.00075 mg/L) for all results. However, all concentrations were below LOR. In 2010 the laboratory was achieved a lower LOR (0.0007 mg/L) for carbon tetrachloride for samples from MW21i, MW22i, MW22i and MW25. All concentrations were reported below the LOR value, which was lower than the RBC. Golder, therefore, does not consider that the higher LOR value for the 2012 results has affected the outcome of the monitoring event.

5.3.3.2 Other Results

A number of analytes were detected above the relevant laboratory LOR but were below relevant RBC (where applicable). Metals results were consistent with historical results with concentrations generally decreasing or remaining stable.

Analysis of TPH concentrations on the site indicated slight increases in hydrocarbon concentrations compared to 2011. However, concentrations currently remain lower than historical maximums.

Increased concentrations (change in concentration >50%) of other analytes between 2011 and 2012 are provided below:

- styrene concentrations at MW21i from <0.001 mg/L to 0.012 mg/L
- monocyclic aromatic hydrocarbons (MAH) compounds at MW22i (2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, styrene, tert-butylbenzene, toluene, xylene o and xylene m & p)
- a majority of MAH compounds at MW23i (2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, n-propylbenzene, p-isopropyltoluene, styrene, toluene, xylene o and xylene m & p)
- naphthalene concentrations at MW22i from 0.003 mg/L to 0.049 mg/L
- naphthalene concentrations at MW23i from <0.001 mg/L to 0.01 mg/L
- cis-1,2-DCE at MW23i from 0.086 mg/L to 0.2 mg/L
- chloroethane at MW23i from <0.001 mg/L to 0.005 mg/L
- PCE at MW23i from <0.001 mg/L to 0.003 mg/L
- bromoethane at MW25 from <0.001 mg/L to 0.013 mg/L. This is the first time bromoethane has been detected above the LOR at MW25
- TPH C_6-C_9 at MW22i from 0.9 mg/L to 2.98 mg/L
- TPH C_{10}-C_{14} at MW22i from 1.9 mg/L (duplicate result) to 4.1 mg/L
- TPH C_6-C_9 at MW23i from <0.01 mg/L to 0.99 mg/L
- TPH C_6-C36 at MW23i from 0.17 mg/L to 1.8 mg/L
- TCE at MW23i from 0.001 mg/L to 0.002 mg/L
- cis-1,2-DCE from <0.001 mg/L to 0.002 mg/L.

5.3.4 Lot 2

Ten monitoring wells on Lot 2 were included as part of the 2012 annual monitoring programme:

- MW42 (Regional Watertable)
- MWG47 (Leederville)
- MWG48 (Base of Guildford)
- MWG49 (Regional Watertable)
- MWG54 (Regional Watertable)
- MWG57 (Regional Watertable)
- MWG59 (Regional Watertable)
- MWG91A (Regional Watertable)
- MWG91B (Middle of Guildford)
- MWG91C (Base of Guildford).

All samples collected from Lot 2 were analysed for suite 1. The complete results of the 2012 groundwater sampling for all locations on Lot 2 are presented in Table 2, along with historical groundwater sampling results dating back to 2005.

5.3.4.1 RBC Exceedences

Results for Lot 2 were compared against the relevant RBC. Table G presents a summary of the locations where contaminants of concern were detected above relevant RBC.

Table G: Summary of Lot 2 Analyte Concentrations above Relevant RBC (all units mg/L)

Location	Monitoring Zone	Analyte	2010	2011	2012	Relevant RBC
MWG48	Base of Guildford	Benzene	0.015	0.006	0.015	0.00274
MWG49	Regional Watertable	Trichloroethene	0.025	0.051	0.049	0.0351
		Vinyl Bromide	0.0022	<0.0001	0.0017	0.00113
MWG57	Regional Watertable	Trichloroethene	0.46	0.4	1.1	0.0351
MWG59	Regional Watertable	1,2-DCA	0.005	0.005	0.006	0.00126
		Vinyl Bromide	0.054	0.018	0.028	0.00113
MWG91A	Regional Watertable	Trichloroethene	0.59	0.2	1.1	0.0351
MWG91B	Middle of Guildford	Trichloroethene	0.23	0.047	0.094	0.0351

Concentrations of TCE that were reported above the relevant RBC in 2012 generally indicated slight increase in comparison to 2011 results for Lot 2 monitoring well locations with the exception of MWG49 which indicated a decrease in TCE concentrations and MWG91A where a significant increase in TCE concentration was observed.

Vinyl bromide concentrations were below the laboratory LOR at all Lot 2 wells with the exception of MWG59 and MWG49 (Regional Watertable). The concentration of vinyl bromide at MWG59 and MWG49 has increased in comparison to the 2011 results; however, the concentrations of vinyl bromide at these locations have decreased since 2010.

Concentrations of benzene at MWG48 (Base of Guildford) increased from 0.006 mg/L in 2011 to 0.015 mg/L in 2012, which is comparable to the detected concentration in 2010 (0.015 mg/L).

Concentrations of 1,2-DCA were below the laboratory LOR at all wells in Lot 2 with the exception of MWG59 (Regional Watertable) where the concentrations were above the relevant RBC and have slightly increased since 2010 and 2011. The 2012 result is the highest concentration of 1,2-DCA recorded at the monitoring location since 2006.

5.3.4.2 Other Results

The following changes in contaminant concentration below the relevant RBC in 2012 were also noted:

Increases

- TCE concentration at MWG59 (0.019 mg/L to 0.03 mg/L) and MWG91C (0.007 mg/L to 0.024 mg/L)
- chlorodibromomethane at MWG49 <0.0001 mg/L to 0.011 mg/L
- hexachlorobutadiene at MWG49 <0.001 mg/L to 0.0705 mg/L
- tetrachloroethane at MWG49 from 0.012 mg/L to 0.032 mg/L
- 1,2-dichlorobenzene at MWG59 from 0.003 mg/L to 0.008 mg/L
- 1,3-dichlorobenzene at MWG59 from <0.001 mg/L to 0.003 mg/L
- 1,4-dichlorobenzene at MWG59 from <0.001 mg/L to 0.002 mg/L
- chlorobenzene at MWG59 from 0.001 mg/L to 0.002 mg/L
- cis-1,2-dibromoethene at MWG49 (0.0014 mg/L to 0.0016 mg/L) and MWG59 (0.036 mg/L to 0.037 mg/L)
- 1,1-DCA at MWG49 (0.006 mg/L to 0.015 mg/L) and MWG59 (0.023 mg/L to 0.025 mg/L)
- 1,1-DCE at MWG59 (0.012 mg/L to 0.018 mg/L)
- cis-1,2-DCE at MWG49 (0.022 mg/L to 0.054 mg/L) and MWG59 (0.14 mg/L to 0.17 mg/L)
- bromoethyne at MWG49 (<0.0001 mg/L to 0.0012 mg/L) and MWG59 (<0.0001 mg/L o 0.0011 mg/L)
- PCE at MWG57 (0.002 mg/L to 0.003 mg/L), MWG59 (0.029 to 0.062 mg/L) and MWG91C (0.002 mg/L to 0.003 mg/L)
- trichlorofluoromethane at MWG49 (0.001 mg/L to 0.005 mg/L) and MWG59 (0.002 mg/L to 0.003 mg/L).

The concentrations of chlorinated VOCs and halogenated benzenes at monitoring wells MWG49 and MWG59 have increased since the 2011 groundwater monitoring event. There was also slight increase in TCE concentration noted in monitoring well MWG91C and PCE concentration in monitoring well MWG57.

Decreases

- trans-1,2-Dibromoethene at MWG59 (0.013 mg/L to 0.0055 mg/L)
- 1,1-DCA at MWG48 (0.004 mg/L to 0.003 mg/L) and MWG91C (0.002 mg/L to <0.001 mg/L)
- cis -1,2-DCE at MWG48 (0.023 mg/L to 0.019 mg/L) and MWG91B (0.004 mg/L to <0.001 mg/L)
- TCE at MWG48 from (0.004 mg/L to 0.003 mg/L) and MWG49 (0.012 mg/L to 0.032 mg/L)
- cis- and trans-1,2-dibromoethene at MWG49 (0.0018 mg/L to 0.0016 mg/L) and MWG59 (0.049 mg/L to 0.043 mg/L)
- chloroform at MWG59 (0.096 mg/L to 0.093 mg/L)
- PCE at MWG91B (0.014 mg/L to 0.003 mg/L)

- trichlorofluoromethane at MWG91A (0.004 mg/L to 0.001 mg/L), MWG91B (0.004 mg/L to <0.001 mg/L) and MWG91C (0.002 mg/L and <0.001 mg/L)
- $TPHC_6$-C_9 at MWG59 (0.02 mg/L to <0.01 mg/L) and MWG91B (0.02 mg/L to <0.01 mg/L)
- $TPHC_{10}$-C_{14} at MWG59 (0.06 mg/L to <0.01 mg/L)
- $TPHC_{15}$-C_{28} at MWG59 (0.09 mg/L to <0.05 mg/L).

A majority of the decreases of concentrations were in monitoring wells MWG48, MWG91B and MWG91C.

Concentrations of TPH C_6-C_9, C_{15}-C_{28} and C_{29}-C_{36} were below the laboratory LOR, indicating a decrease in groundwater hydrocarbon concentrations at Lot 2 since 2011.

5.3.5 Southwest Industrial Area

Samples were collected from the following three monitoring wells in the Southwest Industrial Area:

- MWG65 (Regional Watertable)
- MWG69 (Base of Guildford)
- MWG70 (Regional Watertable).

All samples were analysed for suite 1. The complete results of the 2012 annual monitoring programme for all locations on the Southwest Industrial Area are presented in Table 3, along with historical groundwater sampling results dating back to 2005.

5.3.5.1 RBC Exceedences

Results for the Southwest Industrial Area were compared against the relevant RBC. Table H presents an overall summary of the contaminations of concern detected at concentrations above relevant RBC as well as the sample location and relevant monitoring zone.

Table H: Summary of Southwest Industrial Area Results above Relevant RBC

Location	Monitoring Zone	Analyte	2010 Conc. (mg/L)	2011 Conc. (mg/L)	2012 Conc. (mg/L)	Relevant RBC (mg/L)
MWG70	Regional Watertable	Trichloroethene	0.13	0.065	0.12	0.0351

TCE concentrations at MWG70 (Regional Watertable) have increased since 2011 to concentrations comparable to 2010.

The LOR for carbon tetrachloride (0.001 mg/L) was greater than RBC (0.00075 mg/L) for all results. However, all concentrations were below LOR.

5.3.5.2 Other Results

Generally, results for other analytes were below the laboratory LOR. Noted changes in concentrations below the RBC are summarised below:

Increases

- cis-1,2-DCE at MWG65 from 0.014 mg/L to 0.016 mg/L
- chloroform at MWG65 increased slightly from <0.001 to 0.003 mg/L
- PCE at MWG70 (0.003 mg/L to 0.004 mg/L).

Decreases

- 1,1,1-trichloroethane from 0.005 mg/L to <0.001 mg/L
- 1,1-DCA at MWG65 from 0.005 mg/L to 0.004 mg/L
- TCE at MWG65 has decreased from 0.013 mg/L to 0.008 mg/L
- trichlorofluoromethane at MWG65 (0.004 mg/L to 0.002 mg/L) and MWG70 (0.004 mg/L to 0.001 mg/L)
- PCE at MW65 (0.02 mg/L to 0.01 mg/L).

5.3.6 Hanson

One groundwater sample was collected from the Hanson property:

- MWG64 (Guildford).

This sample was analysed for suite 2. The complete results of the 2012 groundwater sampling on the Hanson Property are presented in Table 5, along with historical groundwater sampling results dating back to 2005.

5.3.6.1 RBC Exceedences

Results for the Hanson Property sample were compared against the relevant RBC. There were no analytes detected at concentrations exceeding the relevant RBC. In 2011 arsenic (0.057 mg/L) and vinyl bromide (0.012 mg/L) concentrations were reported above the respective RBC; however, 2012 results indicate that the concentrations of these analytes have decreased to concentrations below the LOR.

5.3.6.2 Other Results

Generally, the concentrations at MWG64 were comparable to previous annual sampling events.

5.3.7 Damplands

Samples were collected from six locations in the Damplands during the 2012 annual monitoring programme:

- MW36 (Alluvium) – downgradient of PRB system
- MWG60 (Alluvium) – downgradient of PRB system
- MWG62 (Regional Watertable) – upgradient of PRB system
- MWG63 (Regional Watertable) – upgradient of PRB system
- MWG66 (Alluvium) – downgradient of PRB system
- MWG68 (Alluvium) – downgradient of PRB system.

All wells were analysed for suite 3. The complete results of the 2012 groundwater sampling for all locations in the Damplands are presented in Table 6, along with historical groundwater sampling results dating back to 2005.

5.3.7.1 RBC Exceedences

Results for the Damplands were compared against both the health RBC for the Damplands and Aquatic Ecosystem Screening Criteria as discussed in Section 4.0. In most cases the Aquatic Ecosystem Screening Criteria were the lesser and, therefore, they represent the relevant RBC.

Table I presents a summary of the locations where contaminants were detected above relevant RBC in 2012.

Table I: Summary of Damplands Analyte Concentrations Above Relevant RBC (all units mg/L)

Location	Monitoring Zone	Analyte	2010	2011	2012	Relevant RBC or Screening Criteria
MW36	Alluvium	Iron	16	17	14	0.3
MWG60	Alluvium	Iron	1.3	1.7	2.0	0.3
MWG62	Regional Watertable	TCE	0.007	0.082	0.13	0.0847*
MWG63	Regional Watertable	Nitrate (as N)	18	15	9.9	7
		Zinc	0.01	0.026†	0.018	0.008
		TCE	0.42	0.56	0.66	0.33
MWG66	Alluvium	Iron	1.1	3	0.74	0.3
MWG68	Alluvium	Iron	0.71	0.68	0.54	0.3

*RBC - Damplands Excluding swimming

†zinc results may not be representative based on differences in RPD between primary and duplicate samples.

TCE was detected at concentrations above the RBC for the first time in MWG62. The concentration of TCE at MWG62 exceeded the RBC for the Damplands for swimming, but was below the Aquatic Ecosystem Screening Criteria. The concentration of TCE has gradually increased at MWG63 since in 2010. However, the TCE concentration at MWG63 has remained at levels which are consistent with results prior to the 2009 monitoring round. However, monitoring wells MWG62 and MWG63 are located upgradient of the PRB system and, therefore, are not considered by Golder to pose a risk to receptors.

The concentrations of iron at MWG36, MWG66 and MWG63, zinc at MWG63 and nitrate at MWG63 have continued to show decreasing trends. Concentrations of zinc at MWG36 and MWG62 and chromium and copper at MWG62 and MWG63 were previously reported above the RBC; however, 2012 results indicated that concentrations were below the LOR.

5.3.7.2 Other Results

Generally, results for other analytes were below the laboratory LOR. Noted changes in concentrations below the RBC are summarised below:

Increases

- manganese at MWG60 from 0.097 mg/L to 0.13 mg/L
- aluminium at MWG63 from 0.011 mg/L to 0.024 mg/L
- iron at MWG63 from <0.001 mg/L to 0.008 mg/L
- PCE at MWG63 from 0.003 mg/L to 0.006 mg/L
- nitrate (N) at MWG62 from 2.0 mg/L to 3.7 mg/L.

Manganese concentrations at MWG60 have gradually increased as have concentrations of aluminium and PCE at MWG63. Iron concentrations at MWG62 and MWG63 have fluctuated but have remained below the RBC and 2006 levels (3 mg/L).

Decreases

- aluminium at MWG36 (0.005 mg/L to 0.004 mg/L) and MWG62 (0.045 mg/L to 0.019 mg/L)
- manganese at MWG36 (0.27 mg/L to 0.22 mg/L), MWG62 (0.04 mg/L to 0.024 mg/L), MWG63 (0.054 mg/L to 0.031 mg/L) and MWG66 (0.12 mg/L to 0.07 mg/L)
- zinc at MWG36 (0.037 mg/L to 0.003 mg/L) and MWG62 (0.045 mg/L to 0.005 mg/L)

- chromium at MWG62 from 0.001 mg/L to <0.001 mg/L
- nickel at MWG62 (0.006 mg/L to 0.002 mg/L) and MWG63 (0.005 mg/L to 0.003 mg/L)
- cis-1,2-DCE at MWG60 (0.006 mg/L to 0.002 mg/L) and MWG66 (0.011 mg/L to 0.003 mg/L)
- trichlorofluoromethane at MWG63 from 0.002 mg/L to <0.001 mg/L
- TCE at MWG66 (0.033 mg/L to 0.011 mg/L) and MWG68 (0.004 mg/L to 0.002 mg/L)
- vinyl chloride at MWG66 from 0.003 mg/L to 0.002 mg/L.

5.3.8 Helena River

Samples were collected from three locations in the Helena River:

- SG05 (Downstream)
- SG06 (Midstream)
- SG07 (Upstream).

Surface water locations were analysed for suite 3. The complete results of the 2012 groundwater sampling for all locations in the Helena River are presented in Table 7, along with historical groundwater sampling results dating back to 2008.

5.3.8.1 RBC Exceedences

Results for the Helena River were compared to the Helena River RBC and the Aquatic Ecosystem Screening Criteria as discussed in Section 4.0.

Table J presents a summary of the locations where contaminants were detected above relevant RBC.

Table J: Summary of RBC Analyte Concentration Exceedences for the Helena River (all units mg/L)

Location	Analyte	2010	2011	2012	Relevant RBC or Screening Criteria
SG05 (Downstream)	Aluminium	0.11	0.033*	0.63	0.055 - Aquatic Screening Criteria
	Iron	1.1	0.33*	1.2	0.3 - Aquatic Screening Criteria
	Zinc	0.002	0.017* +	0.021	0.008 - Aquatic Screening Criteria
SG06 (Midstream)	Aluminium	0.11	0.026*	2.31	0.055 - Aquatic Screening Criteria
	Chromium	<0.001	<0.001*	0.002	0.001 - Aquatic Screening Criteria
	Iron	1.1	0.31*	1.59	0.3 - Aquatic Screening Criteria
	Zinc	0.004	0.027* +	0.02	0.008 - Aquatic Screening Criteria
SG07 (Upstream)	Aluminium	0.11	0.016*	0.52	0.055 - Aquatic Screening Criteria
	Chromium	<0.001	<0.0005*	0.001	0.001 - Aquatic Screening Criteria
	Iron	1.1	0.12*	0.82	0.3 - Aquatic Screening Criteria
	Zinc	0.002	0.022* +	0.008	0.008 - Aquatic Screening Criteria

*result reported is likely to be lower than expected as the result was reported as filtered (dissolved metal concentration) as opposed to total metal concentration.

+ zinc results may not be representative based on differences in RPD between primary and duplicate samples.

The concentration of aluminium and was above the RBC for all locations. Iron concentrations at SG07 (upstream) have decreased while at SG05 and SG06 iron concentrations have increased slightly. A slight increase in chromium concentrations were also observed at all sampling locations, with concentrations being equal to or just above the RBC value.

5.3.8.2 Other Results

Manganese concentrations have increased at SG05, SG06 and SG07 compared to 2011 and 2010 results. However, all concentrations for manganese were below the relevant RBC.

Nitrate (as N) concentrations increased at SG05, SG06 and SG07 compared to 2011 results. The duplicate sample at SG05 for 2011 suggested a much lower nitrate concentration (0.83 mg/L in the primary sample compared to 0.03 mg/L in the duplicate sample); therefore, the higher nitrate concentration identified in the downstream sample was not considered to be representative. The nitrate concentration for the 2011 duplicate result has, therefore, been used for comparison. Nitrate concentrations at all locations were less than the 2010 results and were all below the relevant RBC.

6.0 SUMMARY OF PRB ANALYTICAL RESULTS

A total of 26 monitoring wells were sampled during the June 2012 monitoring event. Groundwater samples were collected from 23 wells located within and adjacent to the sequenced PRB system (MWG101B, MWG104B, MWG106B, MWG107A-D, MWG108B, MWG109A-D, MWG110A-D, MWG111A-D, MWG112B, MWG113, MWG119B and MWG120B) and three downgradient wells located in the Damplands (MWG60, MWG66 and MWG77).

The ability of the system to reduce nitrate and chlorinated solvent concentrations of the PRB system is continuing to improve, with the overall concentration mass of chlorinated ethenes being treated by the PRB system is increasing. However, the results from the June 2012 quarterly monitoring programme have indicated that the marked improvements observed in the March 2012 round may have been anomalies as concentrations of vinyl chloride downgradient of the system have been detected at concentrations similar to prior monitoring rounds.

The denitrification PRB continues to effectively remove nitrate from the groundwater and minimise the potential passivation of ZVI due to nitrates.

TOC concentrations within the system continue to decrease and pH continues to increase. Measured values of Eh are within similar ranges as previous monitoring rounds with the exception of MWG104B. A new minimum value was recorded such that conditions are now favourable for the formation of $Fe_3(OH)_8$.
No obvious seasonal trends have yet to be established within the geochemistry of the remediation system.

Water levels decreased consistently throughout the system (i.e. from upgradient to downgradient) indicating once again that the system has likely reached equilibrium.

The following was also noted:

- Concentrations of contaminants of concern in the D-series (Leederville formation) wells were not above RBC, suggesting underflow is not occurring and additional investigations as per the SAP are not required.
- Concentrations of vinyl chloride were detected above the RBC in monitoring wells MWG101B, MWG110B, MWG111B and MWG120B.
- Concentrations of TCE, cis-1,2-DCE and VC were detected above LORs in monitoring well MWG66 and cis-1,2-DCE in MWG60 but were not above RBC.

For a complete discussion of the result from the PRB quarterly please refer Golder 2012.

7.0 QUALITY ASSURANCE AND QUALITY CONTROL

As per the requirements of the SAP (Golder, 2010), the following field QA/QC was conducted:

- Equipment wash blanks were collected each day on the QED submersible pump that was used. The equipment wash blanks were analysed for the same analytes as those performed at wells sampled during the day to assess quality of decontamination techniques.
- As the sampling included volatile compounds, the QA/QC programme included the submission of one trip blank during each day. The trip blank was made in the laboratory and remained in the coolers throughout the sampling programme analysed for VOCs and BTEX.
- A field blank (also known as a container blank) was collected on 14 June 2012. The field blank was filled in the field with laboratory grade distilled water provided by ALS and analysed for suite 1 analytes by Leeder.
- Three field duplicate and two field triplicate samples were collected during the 2012 annual monitoring programme.
- Waste groundwater generated from the monitoring programme was collected in a labelled intermediate bulk container (IBC) provided by Gallant Sustainability Services and was temporarily stored on the site. The waste water is awaiting classification, removal and disposal by a licensed waste removal contractor.

The following sections describe the calibration procedures implemented during the 2012 annual groundwater monitoring program, results from analysis of laboratory QA/QC data, comparison of field and laboratory duplicate samples to primary samples, and a summary of field blank, trip blank and wash blank detections.

7.1 Field Testing

Water quality meters used for field parameter measurement during the 2012 sampling event were calibrated by the supplier (Active Environmental Solutions) prior to shipment and field calibrated least twice daily during the annual monitoring programme. The calibration certificates are included at the end of Appendix C.
The calibration (pH and conductivity) of the water quality meter was checked twice-daily (before commencing work and at the end of the day) during the field programme to ensure the instrument was reading within the acceptable range nominated by Golder. These results are presented in Table 11.

Golder considers a range of pH 3.7-4.3 for pH 4 and a range of 6.7-7.3 for pH 7 as indicating acceptable meter calibration. The greatest pH deviation from the pH 4 solution occurred on 21 June 2012 (reading of 4.4). The calibration checks for pH 7 and conductivity were within the acceptable range for all readings. Overall, the pH and conductivity calibration was considered satisfactory for the purpose of this investigation.

7.2 Holding Times

7.2.1 Primary Laboratory (Leeder)

Analytical reports were reviewed to assess whether holding times were met for the analytes reported. Samples were shipped overnight to Leeder in Melbourne and data associated with Leeder analytical reports indicated that all samples were received extracted and analysed on the day they were received by the laboratory. Therefore, samples were extracted and/or analysed within 24 hours of sampling, complying with acceptable holding times for all analytes.

7.2.2 Secondary Laboratory (ALS)

Analytical reports were reviewed to assess whether holding times were met for analytes reported.
All samples were extracted and analysed 2 days following the sampling date, indicating all samples complied with the acceptable holding times all analytes.

7.3 Field Duplicates

Three field duplicate and two field triplicate samples were collected during the 2012 annual monitoring programme. The duplicate samples were collected from three locations; a well on the site which is known to be contaminated (MW22i), a well on the adjacent Lot 2 property (MW42) and a surface water sample at SG06 (Helena River, Midstream). Triplicate samples were collected from monitoring well MW42, surface water sample location SG06 and volatiles at monitoring well MWG60. The field duplicate and triplicate results are presented in Table 12.

A comparison between duplicate sample results can be conducted using a Relative Percentage Difference (RPD) to analyse the duplicate samples. This is a measure of the difference between the primary and duplicate samples as a percentage of their average value. RPDs are calculated according to the following formula:

$$\%\,\mathrm{RPD} = \left|\frac{A - B}{A + B}\right| \text{ x } 200$$

where:

A = the concentration of the primary laboratory analyte, and

B = the corresponding duplicate result.

In calculating RPD values, the following protocols have been adopted:

- Where both concentrations are below limits of reporting (LOR), no RPD is calculated and a nominal value of less than 50% is assigned.
- Where one laboratory concentration is below the LOR and one is above, a value of one half of the detection limit is substituted for the non-detect sample.
- Where both concentrations were above laboratory LOR, the RPD was calculated as per the formula above.

The Australian Standard (AS 4482.1) indicates RPDs of less than 50% are considered to be satisfactory for soil analyses. Golder considers that RPDs greater than 50% may be acceptable for a) organic analyses and b) low concentrations where the difference in concentrations was <10 times the method LOR. This standard has also been adopted in the review of groundwater samples for this investigation. Where the difference between the primary and duplicate result was less than 10 times the LOR the difference in RPD was considered to be within laboratory method error.

7.3.1 Primary Laboratory (Leeder)

Field duplicates sent for analyses at the same laboratory were submitted as ‘blind’ duplicates, i.e. the laboratory were not aware that the two samples came from the same location. This provides a measure of the reproducibility of results received from the laboratory.

Five RPD results greater than 50% were noted during the comparison of the primary and duplicate samples collected at monitoring well MW22i and surface water sampling location SG06. However, the values were within 10 times the LOR and the difference between the primary and duplicate results was less than 10 times the LOR for the analytes with elevated RPDs. All other RPD calculations between the primary and duplicates samples were below 50%. Thus, Golder considers these results acceptable for the purposes of this investigation.

In general, comparison of primary and duplicate results complied with the adopted protocols. All other intra-laboratory testing did not highlight any significant issues with the quality of the data.

7.3.2 Secondary Laboratory (ALS)

Field triplicate samples were collected at MW42 (Lot 2, Regional Watertable), SG06 (Midstream) and brominated VOC only at MWG60 (Damplands). Triplicate samples were submitted to the secondary laboratory, ALS. The results from a comparison of the primary and triplicate samples are provided below. The comparison was made to assess the variability in results between laboratories.

RPD results greater than 50% were observed between the primary and triplicates samples at MW42. However, the values for each sample were within 10 times the LOR. Golder considers these results acceptable for the purposes of this investigation.

Three RPDs were greater than 50% for MWG60. However, the high RPD was due to differences in LOR value between the primary and secondary laboratories. The concentrations reported were below the respective LORs. Therefore, Golder considers these results acceptable for the purposes of this investigation.

At SG06 there were several RPDs greater than 50%. The RPD exceedence for chromium was a result of differences in LOR value between the primary and secondary laboratories whereby one the primary sample was below LOR whereas the duplicate was not. Two RPD greater than 50% occurred (lead and zinc) where the measured values were within 10 times the LOR. Elevated RPDs were noted for aluminium and iron, this should be taken into considered when comparing these analyte results to guideline values.

Other than issues with metal concentrations, inter-laboratory testing did not highlight any major issues with the quality of the data.

7.4 Laboratory Duplicates

7.4.1 Primary Laboratory (Leeder)

A total of 10 laboratory duplicates were analysed by Leeder over the duration of the investigation (one per batch). The laboratory duplicates were analysed for a range of analytes. The comparison between duplicate sample results has been assessed by using a RPD calculation as described in Section 7.3.

The laboratory duplicate samples were randomly spread across the study area and across the different formations. Laboratory duplicates were undertaken on the following samples:

- Q8145-05; MWG64 (Hanson property, Guildford Regional Watertable)
- Q8146-01; MWG45 (Upgradient, Leederville)
- Q8147-03; MWG69 (Southwest Industrial, Base of Guildford) (TPH only)
- Q8147-07; MWG62 (Damplands, Guildford Regional Watertable)
- Q8148-04; Blank of unused rinse water
- Q8149-03; MWG48 (Lot 2, Base of Guildford)
- Q9501-01; MW22i (Waste Control Site, Guildford Regional Watertable)
- Q9501-06; SG05 (Downstream, Helena River) (total metals and nitrate only)
- Q9502-01; SG06 (Midstream, Helena River)
- Q9514-01; MWG49 (Lot 2, Guildford Regional Watertable).

Two laboratory duplicate samples had two RPDs greater than 50%. The primary result for Q9501-01 (MW22i), trans-1,2-DCE was 0.002 mg/L and the laboratory duplicate results were below the LOR (0.001 mg/L). The difference between the primary and duplicate result was less than 10 times the LOR. Therefore, Golder considers the result acceptable for the purposes of this investigation. The primary result

for Q9501-06 (SG05), total manganese was 0.17 mg/L and the laboratory duplicate result 1.8 mg/L (RPD=165%). The primary laboratory was contacted to discuss the result and indicated that it is not uncommon for manganese concentrations to be variable at low concentrations. As the manganese concentration for both the primary and duplicate samples were below the Aquatic Ecosystem Screening Criteria (1.9 mg/L) Golder does not consider the occurrence affects the outcome of the monitoring programme.

Laboratory duplicates were also run on spike recoveries as part of the laboratories internal QA/QC testing regime. None of these duplicate results had RPDs exceeding 50%.

7.4.2 Secondary Laboratory (ALS)

The acceptable range that is adopted by ALS states that for samples with concentrations less than 10 times the LOR, no acceptable RPD range is applied, for samples with concentrations between 10 and 20 times the LOR an acceptable range of 0 to 50% is applied and for samples with concentrations greater than 20 times the LOR an acceptable range of 0 to 20% is applied.

All ALS laboratory duplicates were within the acceptable range set by the laboratory as well as within Golder's acceptable RPD limit (50%).

7.5 Blank Samples

Results of the field and rinsate blanks and trip blank samples are presented in Table 13. A laboratory (method) blank analysis was also conducted by each laboratory for each batch of samples that were received. Laboratory certificates of analysis are presented as Appendix A.

7.5.1 Laboratory (Method) Blanks

7.5.1.1 Primary Laboratory (Leeder)

Leeder reported eight laboratory blanks throughout the sampling and analysis programme (one per batch). Laboratory blanks were conducted on all analytes which were part of the analytical suite for that batch.

The results of the laboratory blank analysis indicate that no analytes were detected above the laboratory LOR in any of the laboratory blanks.

7.5.1.2 Secondary Laboratory (ALS)

The results of the laboratory blank analyses by ALS indicate that no analytes were detected above the laboratory LOR in any of the laboratory blanks.

7.5.2 Trip Blanks

Thirteen trip blanks (1 per day + 1 per batch to secondary laboratory) were analysed for VOCs and Br-VOCs to assess the potential for cross-contamination of volatiles in transit. Trip blanks were provided by Leeder and ALS and were sent to the corresponding laboratory. Review of trip blanks submitted to both Leeder and ALS indicated that TPH C_6-C_9 was detected at concentrations equivalent to the LOR of 0.01 mg/L value for one Leeder trip blank (Q8148-03 14 June 2012). The concentrations of TPH C_6-C_9 for samples collected and submitted for analysis on 14 June 2012 were reviewed; all samples had concentrations of TPH C_6-C_9 reported below the LOR. Therefore there was no reason to suspect cross-contamination or systematic laboratory error. Confirming the source of contamination would not have impacted the overall findings of the investigation. Concentrations for all other trip blank samples were below the respective LOR for VOCs and Br-VOCs. Golder does not consider cross-contamination during transit to have occurred.

7.6 Rinsates and Wash Blank

Rinsates are samples consisting of analytical grade distilled water which was collected following rinsing decontaminated components of the sampling equipment which had had contact with groundwater. The rinsates provides an indication of the effectiveness decontamination between monitoring well locations according to which, if any, analytes are still present on the pump after decontamination. One sample of un-used rinse water (wash blank) was also submitted to the analytical laboratory to facilitate a comparison

with rinsate analytical results. The wash blank (Q8148-04) was collected on 14 June 2012 and analysed for suite 3 and organics. Low levels (close to LOR) of aluminium, iron and zinc were detected in the wash blank. The detection of aluminium, iron and zinc has been taken into consideration in the assessment of rinsate sample results. However, Golder does not consider the presence of low concentration aluminium, iron and zinc in the laboratory supplier water affects the outcome of the monitoring results.

Six rinsate samples were collected during the 2012 annual groundwater monitoring programme. Rinsates were collected only on days when the submersible pump was used to collect groundwater samples. Rinsates were analysed for various analytes based on the analysis being conducted on samples before and after the wash blank was collected.

The results of the rinsate analysis indicated that aluminium, iron and zinc were detected in one wash blank sample which was collected on the 20 June 2012. On 20 June 2012 groundwater wells MW21i, MW22i and MW231 (located at the site) were sampled using the submersible. The concentrations of aluminium, iron and zinc for the rinsate and the wash blank were compared to both the on-site and Lot 2 RBC as well as the Aquatic Ecosystem Criteria relevant for the Damplands and are presented in Table K. Concentrations of metals detected in the rinsates were negligible in comparison to the site and Lot 2 RBC (Table K); however, were close to the Aquatic Ecosystem Criteria for zinc. The results are indicative that some minor cross-contamination may exist with respect to aluminium, iron and zinc concentrations but alas that some contamination of the equipment from laboratory supplied water may also exist. This should only be an issue with respect to the results for where zinc was detected about the screening criteria within samples collected from the Damplands and the Helena River which are MWG63 (0.018 mg/L), SG05 (0.021 mg/L), SG06 (0.008 mg/L) and SG07 (0.008 mg/L). Aluminium in Dampland samples were not above the screening criteria and, therefore, were not negatively impacted by cross-contamination not contamination from wash blank water. However, exceedences of iron in the Damplands and iron and aluminium in the Helena River samples were well above the concentrations detected in the wash blank water and, therefore, those exceedences are likely real.

Table K: Detections in Wash Blanks

Analyte	LOR (mg/L)	Concentration in Rinsate (mg/L)	Concentration in Wash Blank (mg/L)	Site and Lot 2 RBC (mg/L)	Aquatic Ecosystems Criteria
Aluminium	0.001	0.013	0.001	309	0.055
Iron	0.001	0.009	0.003	217	0.03
Zinc	0.001	0.019	0.002	NA	0.008

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7.7 Surrogate Recoveries

The results of the surrogate analyses from the primary and secondary laboratories are presented in the laboratory certificates of analysis, presented as Appendix A.

7.7.1 Primary Laboratory (Leeder)

The surrogate recoveries are a measure of the amount of a chemical the laboratory has actually retrieved during a sample analysis. A known quantity of a similar chemical that is not present in the groundwater sample is added to the sample, and the percentage retrieved during analysis is measured and used as a base measure for the expected percentage of similar analytes retrieved, as opposed to how much is actually present. Both NATA and Leeder have established a standard of 60% to 130% as the acceptable range for surrogate recoveries and Golder considers this range acceptable for the requirements of the 2012 annual monitoring programme.

Surrogate recoveries from Leeder were within the acceptable range of 60% to 130%.

7.7.2 Secondary Laboratory (ALS)

Surrogate recovery analysis was performed on VOCs, TPH (V)/BTEX and Br-VOCs. For these surrogates, ALS has adopted "dynamic recovery limits" which is covered by their NATA accreditation. The dynamic recovery limits are based on instrument history over a set of 20 quality control lots, and generally cover a much wider range than 70% to 130%. Surrogate recoveries were within both Golder's acceptable range and the "dynamic recovery limits" set by ALS.

7.8 Spike Recoveries

The results of spike recoveries from the primary and secondary laboratories are presented in the laboratory certificates of analysis, presented as Appendix A.

7.8.1 Primary Laboratory (Leeder)

Spike recoveries are samples (either blank samples or actual samples) to which a known amount of the analytes being tested for have been added and then recovered through the same process as the actual samples to provide an indication of how efficient the recovery process is. As with surrogates, Leeder have a general acceptance limit of 60% to 130%.

All spike recoveries were within Leeder's acceptable limits (60-130%).

Spike recoveries were not reported for three samples (Q9502-01, Q9501-06 and Q9501-01) for iron due to high levels of compounds in the sample interfering with spike recovery. Primary sample results indicated elevated levels of these analytes; therefore, the lack of a spike recovery result is considered acceptable.

Spike duplicates were also performed for all of the spike recoveries. No sample duplicates exceeded the acceptable RPD limit of 50%.

7.8.2 Secondary Laboratory (ALS)

All spike recoveries were within the acceptable recovery limits.

7.9 Quality Assurance/Quality Control Summary

A summary of the QA/QC assessments undertaken as part of the investigation is provided below.
The QA/QC program implemented for the 2012 annual groundwater program was consistent with the guidelines outlined in the Golder SAP (Golder, 2010). It should be noted that while SGS/Leeder did not provide information on the status of the chilling of the samples upon receipt, the lack of significant organic RPDs in the results suggest that this is unlikely to have resulted in an underestimation of concentrations.

Table L: Summary of QA/QC

Item	Golder Objective	Summary of Results	Compliance
Calibration check of water quality meter	Ensure water quality meter is calibrated within acceptable limits.	One check was outside acceptable limits	Refer to Section 7.1
Chain of Custody Records	Completed in full	Completed in full	Yes
Recovery and analysis of trip blanks	No contamination of blanks	One trip blank had a detection equivalent to the LOR value	Refer to Section 7.5.2
Recovery and analysis of field replicate samples	Collect replicate samples at a minimum rate of 10% and assess that RPDs are within ±50% for results > 10 × LOR	Not all RPDs >50% for results > 10× LOR	Refer to Section 7.3
NATA-certification and approved analytical methods	Comply with reference	Comply with reference	Yes

Item	Golder Objective	Summary of Results	Compliance
Sample preservation and holding times	Comply with reference	All Leeder and ALS samples complied.	Yes
Analysis of laboratory method blanks	No contamination of blanks	No contamination of blanks	Yes
Analysis of laboratory duplicates	RPDs <50% for results > 10 × LOR	RPDs within ±50% for results	Yes
Analysis of surrogate and spike recoveries	Percentage recovery 70-130%	Surrogate recoveries within acceptable limits.	Yes
Frequency of Laboratory Duplicate Samples	Frequency ≥ 10%	Frequency ≥ 10%	Yes

8.0 DISCUSSION

8.1 Groundwater Flow and Velocity

The groundwater flow direction in the Regional, Base of Guildford and Leederville formations has remained south-westerly/south south-westerly and is consistent with previous years. The groundwater velocities were comparable with previous results; the Regional and Leederville remained at 1 m/y and 2 m/y, respectively, and the Base of Guildford increased slightly (9 m/y to 10 m/y). The exception is the Alluvial aquifer which was likely influenced by the water level at SG06, causing the velocity to be overestimated.

As shown on Figure 5 (11 June 2012) the groundwater level at MWG66 was 1 m or more, greater than the nearby groundwater levels at MWG60 and MWG68. These monitoring wells were also remeasured on 22 June 2012 as part of the Quarterly PRB Monitoring Programme and groundwater levels were significantly different with MWG60 and MWG68 having changed to approximately the same level. Indicating the high degree of variability associated with groundwater levels in the Damplands and the potential variability associated with the connection between the groundwater and surface water in this area. It is possible that the measurement from 11 June 2012 was an error; however elevated groundwater levels at MWG66 in June were also noted in 2011. In both instances, as the winter rainfall started at the end of June the water levels between the Dampland locations stabilised (Figure A). Groundwater measurements presented in Figure A show that the upgradient wells MWG62 and MWG63 are consistently higher than the downgradient Damplands wells indicating flow is likely through the PRB.

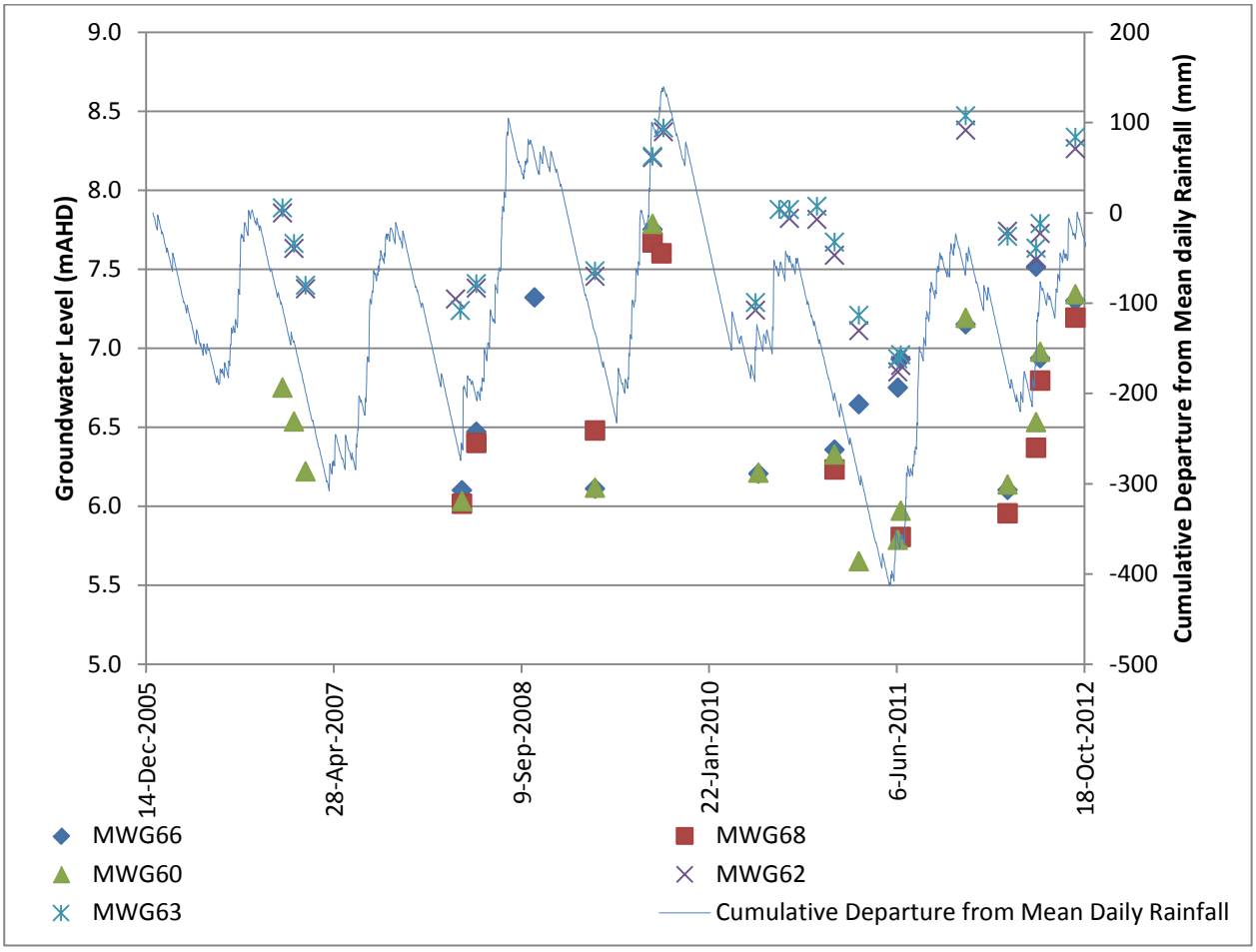

Figure A: Groundwater Levels in Dampland Wells Compared to Cumulative Departure from Mean Daily Rainfall

8.2 Groundwater Quality

8.2.1 Field Observations

The field pH across the sampling locations was generally neutral to slightly acidic. In 2011 a majority of the sampling locations were identified to have a pH less than 6 and were, therefore, considered to be slightly acidic. There were less sampling locations with a pH below 6 in 2012 indicating a slight increase in pH overall. This may be due to the fact that recharge in the months prior to the 2012 sampling programme has been greater than that of 2011.

An increase in dissolved oxygen was observed across a majority of the groundwater sampling locations in comparison to 2011. Significant increases in dissolved oxygen concentrations at MWG25, MWG91B and MWG91C have likely been influenced by air bubbles in the tubing when purging (recorded on field sampling sheets). The dissolved oxygen level at MWG65 also increased but no field observations to support the occurrence. A majority of the ORP readings indicated oxidising conditions with the exception of three locations on-site (MW21i, MW22i and MW23i) and three locations (MWG60, MWG66 and MWG68) in the Damplands, downgradient of the PRB.

8.2.2 Chlorinated Ethenes

The 2012 results indicate that concentrations of chlorinated ethenes on-site have generally decreased (1-1 DCA, 1-1-DCE, cis-1,2-DCE at MW21i) or were comparable to 2011 results, with the exception of VC at MW21i and cis-1,2DCE at MW23i which increased. However, TCE concentrations associated with the off-site source have increased and due to the significance of their RBC exceedences have been discussed separately in Section 8.2.3. Figure 9 presents the distribution of chlorinated ethenes (PCE, TCE,

cis-1,2-DCE and 1,2-DCA) in the Regional Watertable across the study area. As previously identified in the 2008, 2009, 2010 and 2011, annual monitoring results, two plume centrelines can be identified:

1) a plume consisting of a mixture of chlorinated ethenes with concentrations generally below RBC

2) a plume of predominantly TCE that has been inferred to have emanated from the Stanley Street cul-de-sac.

Both plumes converge at the base of the escarpment where the PRB system has been installed.

Results from the 2009 annual programme showed concentrations of chlorinated ethenes above the laboratory LOR in the Helena River. Subsequent pore water sampling also detected concentrations of chlorinated solvents (Golder, 2009d). Results from 2011 and 2012 indicated no detections of TCE in the Helena River. However, detections of TCE above the laboratory LOR at MWG68 and MWG66 were noted and their concentrations were well below the Damplands RBC.

8.2.3 TCE

The TCE distribution over the study area is presented in Figures 8 and 9.

Concentrations of TCE from locations at the former Waste Control Site, Hanson Property and a majority of the Lot 2 wells compared to 2011 have generally not increased at sampled wells. The results indicate that the concentrations TCE plume originating from the Former Waste Control Site is stable.

The off-site TCE plume has continued to move south-east toward the PRB with the highest concentrations of TCE recorded at MWG57 (Lot 2) and MWG91A (Lot 2), upgradient of the PRB. Increases in TCE concentration were observed in the following groundwater wells monitoring the off-site plume MWG70 (Southwest Industrial), MWG57 (Lot 2), MWG91A (Lot 2), MWG62 (Damplands, north of the PRB) and MWG63 (Damplands, north of the PRB) (Figure B). However new maximums were only noted at MWG91A (Lot 2) and MWG62 (Damplands, north of PRB). All of these wells are screened in the Regional Watertable and the groundwater at these locations is anticipated to flow through the PRB. The increase in TCE concentrations at MWG62 may be an indication that the direction of the off-site plume is slightly shifting towards the east and that should be closely monitored in future monitoring rounds.

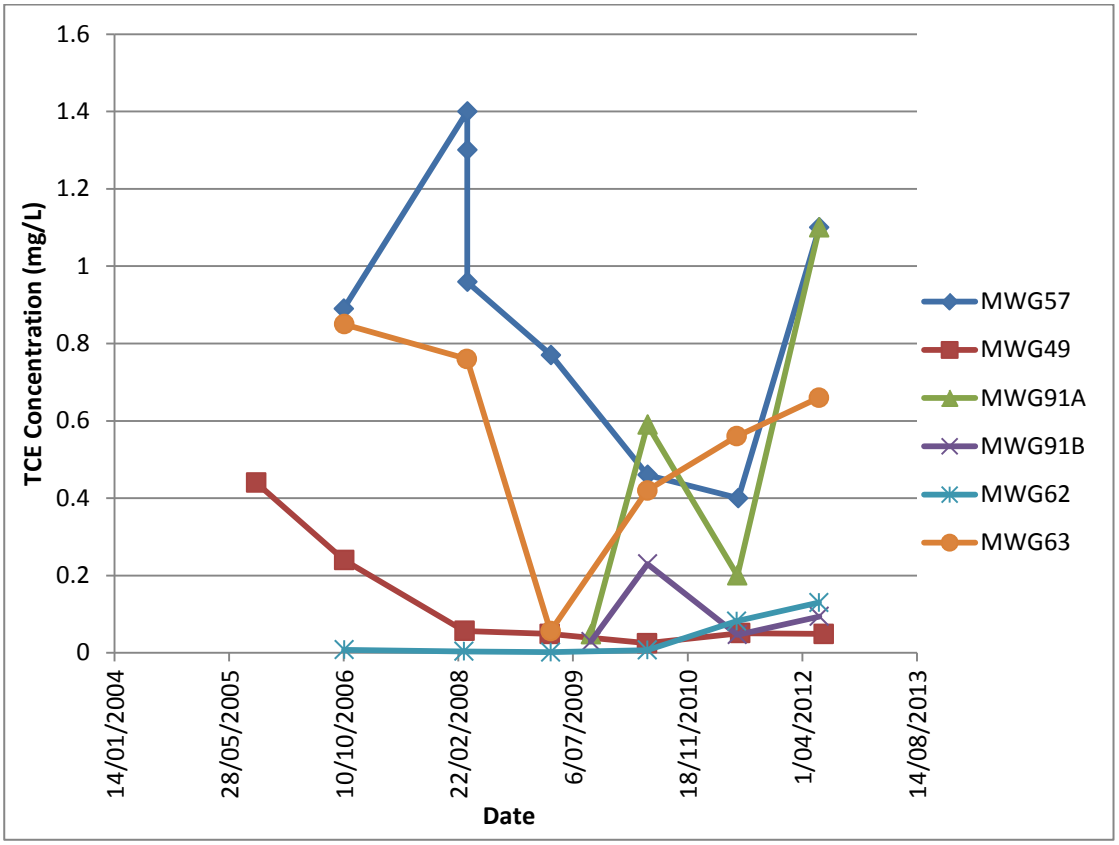

Figure B: TCE concentration at wells downgradient of off-site source

Historical rainfall data from January 2008 to June 2012 were compared to the water levels and TCE concentration of MWG70, MWG57, MWG91A, MWG62 and MWG63. The rainfall data indicated that 2011 had higher rainfall than the previous year. Comparison of the groundwater levels to the rainfall data indicated that generally there is a delay in the response of the water levels to rainfall (approximately 4 months based on annual water levels readings only). Comparison of the water levels to the concentrations detected indicated that as the plume has stabilised over time, fluctuations in TCE concentration have generally coincided with the change in water level. The increase in TCE concentrations may, therefore, be attributed to one or both of the following:

1) Previous investigations suggest that the TCE impact at Stanley Street was of a shallow nature. Concentrations in groundwater may be related to rainfall infiltration through the soil profile coming into contact with low concentrations of residual TCE in the unsaturated zone.

2) Increases in TCE concentration may possibly be attributed to the fluctuating watertable rewetting parts of the vadose zone containing residual contamination as the water level rises.

Monitoring wells MWG91A (Regional Watertable, Lot 2) and MWG57 (Regional Watertable, Lot 2) where the most notable change in TCE concentration was observed, are located upgradient of the PRB, the TCE concentration is not anticipated to impact ecological receptors.

Concentrations of TCE at monitoring wells MWG68 and MWG66 (both located in the Damplands downgradient of the PRB system) have decreased marginally since 2011 with concentration from 0.004 mg/L to 0.002 mg/L and 0.033 to 0.011 mg/L respectively. *The composition of contaminants in the groundwater at these locations is not similar to that observed immediately up or downgradient of the PRB (Golder, 2013). Furthermore, as the groundwater velocity in the Damplands has been estimated as 10 m/yr and these wells are more than 50 m downgradient it is more likely that this groundwater was downgradient of the PRB at the time of installation.*

Concentrations of TCE at monitoring well MWG62 (Regional Watertable, Damplands) have been detected above the relevant RBC but no trends are apparent. Figure C illustrates the change in TCE concentrations over time for the two locations downgradient of the PRB system where TCE was detected. As previously mentioned, it is likely that groundwater treated by the PRB system has not yet reached these two downgradient locations. Concentrations of TCE at other wells downgradient of the PRB system (MW36, MWG60, SG05, SG06 and SG07) were below LOR and below RBC.

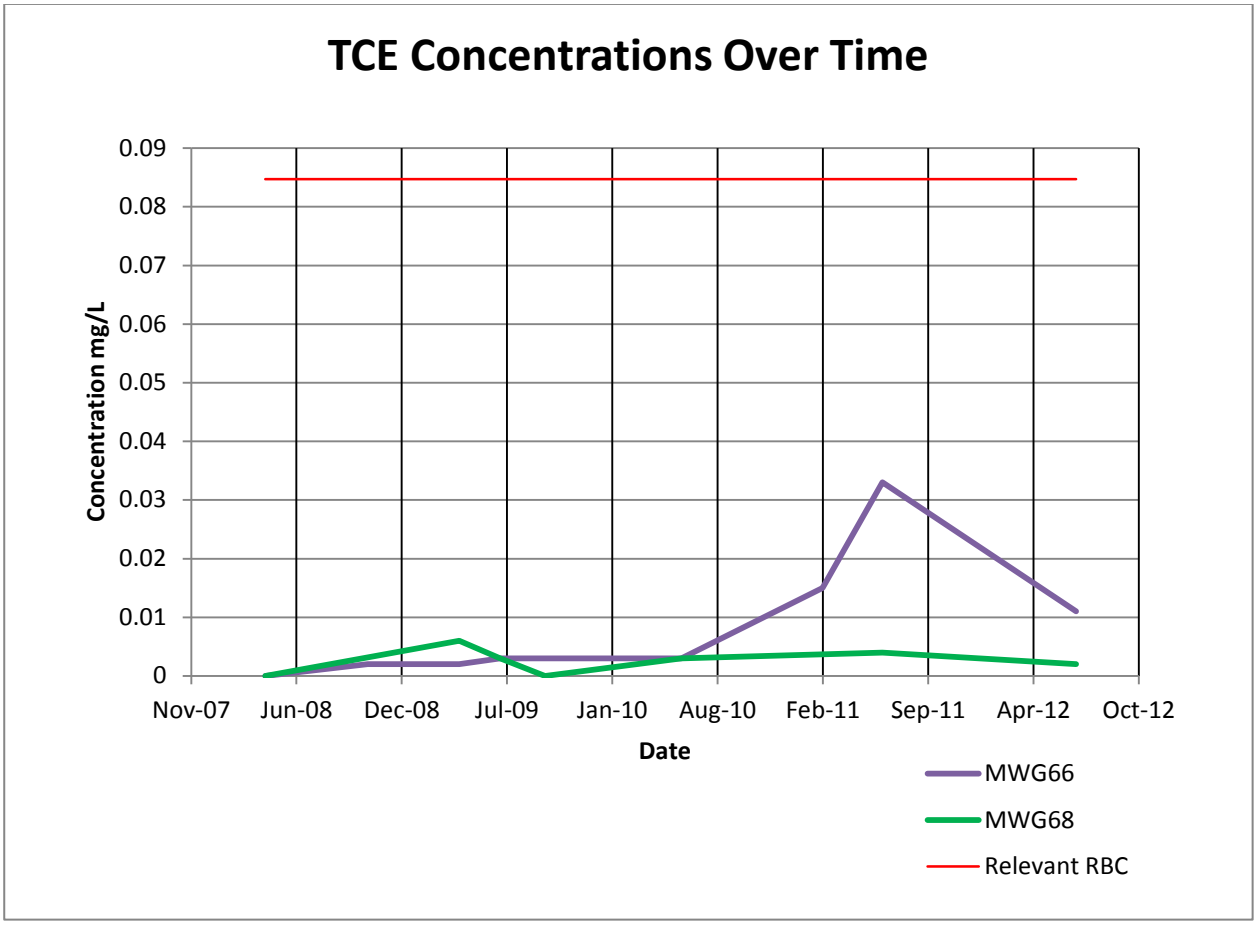

Figure C: TCE over Time in Wells Downgradient of the PRB System

8.2.4 Other Chlorinated Ethenes

8.2.4.1 Vinyl Chloride

Vinyl chloride at MW21i (former Waste Control site) was above the relevant RBC for the first time. Vinyl chloride is a daughter product of the reductive dechlorination of PCE, TCE and DCE. The occurrence of vinyl chloride at the site is likely reflective of microbial degradation of these chlorinated ethenes from the source area. As the PRB system located downgradient of these wells has the capability to remediate vinyl chloride, it is not considered by Golder to currently pose a risk to ecological receptors. Vinyl chloride was detected for the first time in 2011 at MWG66 (0.003 mg/L) and was detected again in 2012 but at slightly lower concentrations (0.002 mg/L). Vinyl chloride concentrations at MWG66 were below the relevant RBC.

8.2.4.2 1,2 Dichloroethane and 1,2 Dichloroethene

1,2-DCA was detected above the relevant RBC at MW22i, MW23i and MWG59. Concentrations of 1,2-DCA have decreased slightly at MW22i and appear to be stable at MW23i and MWG59. It is expected that 1,2-DCA and cis-1,2-DCE concentrations may fluctuate with time as the TCE degrades.

Fluctuations were noted in other chlorinated VOCs at the site, Lot 2, Southwest Industrial Area and Damplands (upgradient of the PRB). While these fluctuations were noted, concentrations were below the relevant RBC and generally consistent with previous monitoring results. Chlorinated ethenes were not reported above the relevant RBC for MWG64 (Hanson property, Guilford), MWG65 (Southwest Industrial Area, Regional Watertable) and MWG69 (Southwest Industrial Area, Base of Guildford) which is consistent with 2011 monitoring results. These fluctuations are likely a reflection of the plumes continued degradation and should continue to be monitored.

Hydrocarbons

Minor fluctuations in hydrocarbon concentrations were observed where the concentrations generally appeared to increase at the site and decreased at Lot 2. However, no strong trends were observed. Generally, concentrations of hydrocarbons were consistent with historical results.

Metals

Concentrations of arsenic increased slightly at MW22i and decreased slightly at MW23i compared to 2011 results. Although these minor fluctuations were noted, there are no apparent trends and Golder considers that the arsenic concentrations are consistent with previous monitoring results.

Iron was detected at concentrations above the relevant RBC for MW36, MWG60, MWG66 and MWG68 (all located in the Damplands). Concentrations have either decreased or remain at comparable concentrations to previous monitoring results. Zinc was also detected above the relevant Damplands screening criteria at MWG63 with concentrations decreasing since 2011. Overall, concentrations of metals have generally decreased or remain stable. There are no indications that these exceedences are directly related to on-site contamination based on upstream contaminant concentrations.

Aluminium, iron and zinc exceeded Aquatic Screening Criteria at all surface water locations (SG05, SG06 and SG07) and have generally increased compared to previous results. As the upstream, midstream and downstream all contained aluminium, iron and zinc exceedences, it is likely reflective of the general quality of the surface water and are not considered to be directly related to on-site contamination based on upstream contaminant concentrations. Chromium was also detected above the Aquatic Screening Criteria at SG06 (midstream) and SG07 (upstream) at concentrations equal or just above the LOR, where the screening criteria is equal to the LOR. Golder does not consider that these metal exceedences pose a risk to ecological receptors.

Other Contaminants

Vinyl bromide was above the relevant RBC at MW22i (Regional Watertable, Waste Control site), MW23i (Regional Watertable, Waste Control site), MWG49 (Lot 2, Regional Watertable) and MWG59 (Lot 2, Regional Watertable); concentrations decreased at MW21i but increased at MW23i, MWG49 and MWG59 which is likely reflective of the contaminant migration as MWG49, MWG59, MW23i and MW22i are downgradient of one another respectively. Since these monitoring wells are located upgradient of the PRB, which has the capability of remediating vinyl bromide, it is not considered by Golder to currently pose a risk to ecological receptors. Small fluctuations in Br-VOCs (cis & trans-1,2-DBE, TBE) were noted at the site and Lot 2. The greatest fluctuations were noted as decreases in cis-1,2-DBE at MW21i (0.013 to 0.0057 mg/L) and trans-1,2-DBE at MWG59 (0.013 mg/L to 0.005 mg/L) where cis-1,and the fluctuations are likely reflective of the plume degradation and lateral migration. Concentrations were below the relevant RBC and are, therefore, not considered to pose an immediate risk to receptors. Never the less their occurrence should be monitored; however, these contaminants should be captured by the PRB located downgradient to the site, in time.

Concentrations of benzene were detected above the relevant RBC at MW21i (Regional Watertable, Waste Control site), MW22i (Regional Watertable, Waste Control site), MW23i (Regional Watertable, Waste Control site) and MWG48 (Lot 2, Base of Guildford). While minor fluctuations in the concentrations were observed, results were consistent with previous monitoring results.

Nitrate concentrations were reported above the relevant RBC for MWG63; however, concentrations have decreased since 2010 and 2011. As MWG63 is located upgradient of the PRB which has the capabilities to remove nitrate in the denitrification barrier, Golder does not consider that this poses a current risk to ecological receptors.

9.0 CONCLUSIONS AND RECOMMENDATIONS

This report has presented the results of the 2012 annual groundwater monitoring round undertaken at the former Waste Control site and its surrounds. The programme included the collection of groundwater measurements and the collection of samples from 29 locations. The results from this annual monitoring programme are in general agreement with the results of previous programmes. The exception to this was the increase in TCE concentrations observed in monitoring wells downgradient of Stanley Street.

The following is a summary of the results of the 2012 annual monitoring programme:

- Groundwater flow, velocity and quality were generally consistent with previous results, with the exception of the Alluvium formation. Results were affected by the heavy rainfall at the time the surface water locations were sampled.
- Exceedences of the RBC and aquatic screening criteria were only detected in monitoring wells screened in the Regional Watertable indicating the predominant contaminant mass is still present in the water bearing formation.
- No concentrations above RBC were detected in the groundwater sample from the Hanson Property. This indicates that the site may no longer be impacted by contamination from the former Waste Control site.
- No chlorinated ethenes were detected in the Helena River.
- Under existing conditions, the results do not indicate any impacts of the Leederville Formation or the Helena River have occurred or are likely to occur in the next few years.
- Concentrations of chlorinated ethenes along the site plume centre line have generally decreased or remained stable in comparison to 2011 results.
- Concentrations of chlorinated ethenes along the centre line of the off-site Stanley Street plume have increased since 2011. But were not necessarily new maximum TCE concentrations.
- No apparent trends were noted relating to hydrocarbon concentrations that result in changes to the understanding of contamination at the site. Therefore the continued understanding of hydrocarbon contamination is that degradation occurs which limits the extent of contamination to the vicinity of the former Waste Control site and there is limited risk to potential downgradient receptors.
- The concentration of TCE at MWG66 (located downgradient of the PRB system) has decreased since 2011; however, a slight increase in TCE concentration at MWG68 was noted.

Golder recommends that an annual monitoring programme be undertaken in 2013. All monitoring locations undertaken in 2012 should be included in the 2013 annual monitoring programme. Golder also recommends development of the groundwater wells which were noted to have high turbidity or sediment in the groundwater as this may impact on the effectiveness of the pump operation and may affect the analytical results. Further, Golder recommends collection of a water level from MWG55 (Lot2), MWG58 (Lot 2), MWG83 (Lot 2) and MW27 (Waste Control site). The addition of these four wells in future gauging would

provide added confidence in confirming the groundwater levels between two clusters (on-site and Stanley Street cul de sac) in the Base of Guildford.

10.0 LIMITATIONS

Your attention is drawn to the document "Limitations", which is included as Appendix D to this report. This document is intended to assist you in ensuring that your expectations of this report are realistic, and that you understand the inherent limitations of a report of this nature. If you are uncertain as to whether this report is appropriate for any particular purpose please discuss this issue with us.

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Report Signature Page

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TABLE 1 - Site Groundwater Analytical Results

Field_ID						MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	Q4065-01	Q5660-06	Q5241-06	Q8121-02	Q9501-05
Location_Code						MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i
Monitoring_zone						Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
Sampled_Date_Time						22/11/2001	11/03/2003	11/12/2003	10/03/2004	9/06/2004	15/09/2004	3/10/2005	31/03/2008	1/04/2009	31/05/2010	6/07/2011	20/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***												
Heavy Metals	Aluminium	mg/L	0.001	**309**	*309*									0.015			
	Aluminium (Filtered)	mg/L	0.001	**309**	*309*							0.018			0.007	0.009	<0.001
	Arsenic	mg/L	0.0005	**0.00241**	*0.00241*									0.0014			
	Arsenic (Filtered)	mg/L	0.0002	**0.00241**	*0.00241*	0.002	0.002					***0.0027***			***0.0062***	***0.0039***	0.0022
	Cadmium	mg/L	0.0001	**0.309**	*0.309*									<0.0001			
	Cadmium (Filtered)	mg/L	0.00005	**0.309**	*0.309*	<0.001	<0.001					<0.0005			<0.0002	<0.0005	<0.0002
	Chromium	mg/L	0.0002	**0.928**	*0.928*									0.001			
	Chromium (Filtered)	mg/L	0.0002	**0.928**	*0.928*	<0.001	<0.001					<0.001			0.001	0.001	<0.001
	Cobalt	mg/L	0.001														
	Copper	mg/L	0.0005											0.0007			
	Copper (Filtered)	mg/L	0.0005			0.025	<0.001								<0.001	<0.001	
	Iron (ferrous)	mg/L	0.05									34		24			
	Iron	mg/L	0.001	**217**	*217*									51			
	Iron (Filtered)	mg/L	0.001	**217**	*217*							40			38	30	19
	Lead	mg/L	0.001											<0.001			
	Lead (Filtered)	mg/L	0.0001			<0.001	<0.001					<0.001			<0.001	<0.001	<0.001
	Manganese	mg/L	0.001	**14.2**	*14.2*									0.034			
	Manganese (Filtered)	mg/L	0.001	**14.2**	*14.2*							0.029			0.027	0.03	0.029
	Mercury	mg/L	0.0001											<0.0001			
	Mercury (Filtered)	mg/L	0.00001			<0.001	<0.0001					<0.0005			<0.00006	<0.0005	<0.00005
	Nickel	mg/L	0.001	**3.86**	*3.86*									<0.001			
	Nickel (Filtered)	mg/L	0.0002	**3.86**	*3.86*	0.008	<0.001					0.003			0.014	0.009	0.003
	Zinc	mg/L	0.001											2.3			
	Zinc (Filtered)	mg/L	0.0005			0.038	0.007					0.065			0.014	0.022	0.003
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.5	<0.0005	<0.05	<0.05	<0.005	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001									<0.005		<0.001			
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	*21.5*	<0.01	<0.0005	<0.002	<0.02	<0.002	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.000001	**39.6**	*60.5*	<0.5 - 0.011	0.0136 - 0.015	<0.05 - 0.018	<0.02	<0.005 - 0.011	<0.01 - 0.0655	<0.005 - 0.013	0.012	0.009 - 0.011	0.011	0.009	0.004
	1,3,5-Trichlorobenzene	mg/L	0.0001									<0.005		<0.001			
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	*16.8*	<0.01	<0.0005	<0.05 - 0.002	<0.02	<0.002	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.000001	**0.00373**	*0.00373*	***<0.01***	<0.002 - 0.0022	<0.05 - 0.003	***<0.02***	<0.002	***<0.01***	<0.005 - 0.002	0.001	<0.001 - 0.001	0.001	0.001	<0.001
	2-Chlorotoluene	mg/L	0.0001			<0.5	<0.0005	<0.05	<0.05	<0.005	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005			<0.5	<0.0005	<0.05	<0.05	<0.005	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.5	<0.0005	<0.05	<0.05	<0.005	<0.05	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.000001	**2.74**	*80.3*	<0.2	<0.0005	<0.05	<0.05	<0.005	<0.05	0.002	0.002	0.001	0.001	0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.004	<0.0001	<0.004	<0.004	<0.004	<0.02	<0.005		<0.001			
	Pentachlorobenzene	mg/L	0.0001			<0.002	<0.002	<0.002	<0.02	<0.002	<0.01	<0.005		<0.001			
MAH	1,2,4-trimethylbenzene	mg/L	0.000001	**2.11**	*11*	0.255	0.417	0.534	<0.1	0.312	1.45	0.22	0.35	0.31	0.29	0.25	0.079
	1,3,5-Trimethylbenzene	mg/L	0.000001	**2.76**	*8.65*	0.117	0.172	0.185	0.252	0.132	0.613	0.14	0.15	0.13	0.15	0.14	0.054
	Benzene	mg/L	0.001	**0.00274**	*0.00274*	***<0.1***	***0.015 - 0.018***	***<0.1***	***<0.1***	***<0.01***	***<0.1***	***0.013***	***0.014***	***0.008***	***0.007***	***0.006***	***0.003***
	Ethylbenzene	mg/L	0.000001	**9.33**	*3440*	0.615	0.936 - 1.22	1.72	1.79	1.27	4.91	1.2	1	0.91	0.67	0.58	0.33
	Isopropylbenzene	mg/L	0.000001	**4.16**	*534*	<0.5	0.016	<0.1	<0.1	0.012	<0.1	0.022	0.018	0.014	0.015	0.013	0.003
	n-Butylbenzene	mg/L	0.001			<0.5	0.002	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	0.007	<0.001	<0.001
	n-Propylbenzene	mg/L	0.000001	**0.595**	*42.2*	<0.5	0.031	<0.1	<0.1	<0.01	0.152	0.034	0.025	0.022	0.026	0.018	0.004
	p-Isopropyltoluene	mg/L	0.000001	**4.5**	*529*	<0.5	0.038	<0.1	<0.1	<0.01	<0.1	0.022	0.019	0.018	0.02	0.015	0.005
	sec-Butylbenzene	mg/L	0.000001			<0.5	0.002	<0.1	<0.1	<0.01	<0.1	0.002	<0.001	<0.001	<0.001	0.002	<0.001
	Styrene	mg/L	0.0001	**0.9**	*585*	<0.5	0.008	<0.1	<0.1	<0.01	<0.1	<0.001	0.091	<0.001	<0.001	<0.001	0.012
	tert-Butylbenzene	mg/L	0.00001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001 - 0.12	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.000001	**28.8**	*382*	2.3	4.24 - 4.85	6.5	3.52	6.16	14.2	7.2	6.1	4.6	4.6	2	0.36
	Xylenes (m & p)	mg/L	0.000001	**89**	*122*	2.91	3.43 - 3.71	5.03	5.61	3.82	13.3	3.2	2.3	1.6	1.6	0.9	0.37
	Xylene (o)	mg/L	0.000001	**89**	*122*	1.16	1.86 - 1.91	3.27	3.11	2.2	7.9	2	1.9	1.3	0.92	0.98	0.61
	Xylenes (Sum of total)	mg/L	0.002														
	Xylenes (Sum of m,p & o)	mg/L	0.000002	**89**	*122*	4.07	5.62	8.3	8.72	6.02	21.2	5.2	4.2	2.9	2.52	1.88	0.98
PAH	Naphthalene	mg/L	0.000001	**1.89**	*23.7*	<0.7 - 0.014	0.0224 - 0.023	<0.1 - 0.0246	<0.1 - 0.0254	0.023 - 0.0246	0.0252 - 0.123	0.02 - 0.022	0.021	0.014 - 0.023	0.022	0.013	0.006
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05										67	13	26	23	9.5
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		9.3	97.6	25.9	34.5	19.5	53.9	66	39	11	14	9.5	3.5
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	*325*	**43.5**	**9.91**	**53.2**	**41.6**	**82.4**	**47.3**	**11**	**25**	**1.3**	**12**	**13**	**5.2**
	TPH C15 - C28 Fraction	mg/L	0.0001	**9.82**	*486*	1.01	0.692	2.21	2.26	2.62	2.04	<0.05	1.6	0.2	0.09	0.6	0.72
	TPH C29-C36 Fraction	mg/L	0.0001	**13.1**	*46200*	0.228	<0.05	<0.05	0.087	0.129	<0.05	<0.05	0.42	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.2			44.738	10.627	55.435	43.947	85.149	49.365	11.05	27.02	1.525	12.115	13.625	5.945
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001									<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001									<0.0001					
	1,1,1-Trichloroethane	mg/L	0.000001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	*0.00267*	***<0.5***	<0.001	***<0.1***	***<0.1***	***<0.01***	***<0.1***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001									<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001									<0.0001		<0.0001	0.0003	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.5	<0.005	<0.1	<0.1	<0.01	<0.1	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001									0.0094		0.013	0.013	0.0057	0.0015
	trans-1,2-Dibromoethene	mg/L	0.0001									0.0006		0.0005	<0.0001	0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	*54.2*							0.01		0.013	0.013	0.0058	0.0015
	1,1-Dichloroethane	mg/L	0.000001			<0.5	0.096	0.166	0.166	0.054	0.3	0.09	0.12	0.059	0.04	0.049	0.022
	1,2-Dichloroethane	mg/L	0.000001	**0.00126**	*0.00126*	***<0.5***	***0.003***	***<0.1***	***<0.1***	***<0.01***	***<0.1***	***0.003***	***0.004***	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	*172*	<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	0.009	0.016	0.017	0.011	0.01	0.002
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	*47.6*	0.131	0.596	1.24	0.986	0.34	1.75	0.59	0.79	0.41	0.61	0.47	0.14
	trans-1,2-dichloroethene	mg/L	0.000001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	0.002	0.001	<0.001	<0.001	0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<1	<0.002	<0.2	<0.2	<0.02	<0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<1	<0.002	<0.2	<0.2	<0.02	<0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromochloromethane	mg/L	0.0001									<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	*0.25*	***<0.5***	<0.001	<0.1	<0.1	<0.01	<0.1	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001									<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001									<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	*0.25*	***<0.5***	<0.001	<0.1	<0.1	<0.01	<0.1	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<5	<0.01	<1	<1	<0.1	<1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 1 - Site Groundwater Analytical Results

					Field_ID	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	Q4065-01	Q5660-06	Q5241-06	Q8121-02	Q9501-05
					Location_Code	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i	MW21i
					Monitoring_zone	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
					Sampled_Date_Time	22/11/2001	11/03/2003	11/12/2003	10/03/2004	9/06/2004	15/09/2004	3/10/2005	31/03/2008	1/04/2009	31/05/2010	6/07/2011	20/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***												
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	*0.00075*	***<0.5***	***<0.001***	***<0.1***	***<0.1***	***<0.01***	***<0.1***	***<0.001***	***<0.001***	***<0.001***	<0.0007	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	*0.25*	***<0.5***	<0.001	<0.1	<0.1	<0.01	<0.1	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.000001	**0.0118**	*0.0118*	***<5***	<0.01	***<1***	***<1***	***<0.1***	***<1***	0.005	0.008	<0.001	0.003	0.009	<0.001
	Chloroform	mg/L	0.000001	**0.25**	*0.25*	0.1	0.056	<0.1	<0.1	0.028	<0.1	0.009	0.057	0.024	0.022	0.01	0.007
	Chloromethane	mg/L	0.000001			<5	<0.01	<1	<1	<0.1	<1	0.002	<0.001	<0.001	<0.001	<0.001	0.001
	Dibromomethane	mg/L	0.0001			<0.5	<0.001	<0.1	<0.1	<0.01	<0.1	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<5	<0.01	<1	<1	<0.1	<1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	*0.0397*							***<0.1***	0.02	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.002	<0.001	<0.002	<0.02	<0.002	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001			<0.01	<0.002	<0.002	<0.02	<0.002	<0.01	<0.005		<0.001			
	Trichloroethene	mg/L	0.000001	**0.0351**	*0.0351*	***<0.5***	0.009	***<0.1***	***<0.1***	<0.01	***0.129***	0.006	0.011	0.009	0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001									<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001									<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.000001	**1.75**	*321*	<0.5	0.036	<0.1	<0.1	0.022	0.25	0.022	0.038	0.029	0.007	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.000001			<5	0.092	<1	<1	0.169	1.29	0.08	0.005	0.024	<0.001	<0.001	0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	*0.00113*							***0.038***		***0.041***	***0.079***	***0.081***	***0.064***
	Vinyl chloride	mg/L	0.000001	**0.0737**	*0.0737*	***<5***	<0.01	***<1***	***<0.5***	<0.05	***<0.5***	0.002	0.002	<0.001	<0.001	0.007	***0.2***

TABLE 1 - Site Groundwater Analytical Results

Field_ID																	
Location_Code													MW22i	MW22i	MW22i	MW22i	MW22i
Monitoring_zone													Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
Sampled_Date_Time													22/11/2001	12/03/2003	11/12/2003	9/03/2004	9/06/2004
Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*												
Heavy Metals	Aluminium	mg/L	0.001	**309**	*309*												
	Aluminium (Filtered)	mg/L	0.001	**309**	*309*												
	Arsenic	mg/L	0.0005	**0.00241**	*0.00241*												
	Arsenic (Filtered)	mg/L	0.0002	**0.00241**	*0.00241*								***0.006***	***0.005***			
	Cadmium	mg/L	0.0001	**0.309**	*0.309*												
	Cadmium (Filtered)	mg/L	0.00005	**0.309**	*0.309*								<0.001	<0.001			
	Chromium	mg/L	0.0002	**0.928**	*0.928*												
	Chromium (Filtered)	mg/L	0.0002	**0.928**	*0.928*								<0.001	<0.001			
	Cobalt	mg/L	0.001														
	Copper	mg/L	0.0005														
	Copper (Filtered)	mg/L	0.0005										0.008	<0.001			
	Iron (ferrous)	mg/L	0.05														
	Iron	mg/L	0.001	**217**	*217*												
	Iron (Filtered)	mg/L	0.001	**217**	*217*												
	Lead	mg/L	0.001														
	Lead (Filtered)	mg/L	0.0001										<0.001	<0.001			
	Manganese	mg/L	0.001	**14.2**	*14.2*												
	Manganese (Filtered)	mg/L	0.001	**14.2**	*14.2*												
	Mercury	mg/L	0.0001														
	Mercury (Filtered)	mg/L	0.00001										<0.001	<0.0001			
	Nickel	mg/L	0.001	**3.86**	*3.86*												
	Nickel (Filtered)	mg/L	0.0002	**3.86**	*3.86*								0.004	0.009			
	Zinc	mg/L	0.001														
	Zinc (Filtered)	mg/L	0.0005										0.005	<0.005			
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005										<0.5	<0.0005	<0.005	<0.0005	<0.0005
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001														
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	*21.5*								<0.01	<0.0005	<0.002	<0.0005	<0.0005
	1,2-Dichlorobenzene	mg/L	0.000001	**39.6**	*60.5*								<0.01	<0.002 - 0.0024	<0.005 - 0.003	<0.002 - 0.0041	<0.002 - 0.0026
	1,3,5-Trichlorobenzene	mg/L	0.0001														
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	*16.8*								<0.01	<0.0005	<0.002	<0.0005	<0.0005
	1,4-Dichlorobenzene	mg/L	0.000001	**0.00373**	*0.00373*								***<0.01***	<0.0005	<0.002	<0.0005	<0.0005
	2-Chlorotoluene	mg/L	0.0001										<0.5	<0.0005	<0.005	<0.0005	<0.0005
	4-Chlorotoluene	mg/L	0.0005										<0.5	<0.0005	<0.005	<0.0005	<0.0005
	Bromobenzene	mg/L	0.0001										<0.5	<0.0005	<0.005	<0.0005	<0.0005
	Chlorobenzene	mg/L	0.000001	**2.74**	*80.3*								<0.2	0.0055 - 0.006	0.006	<0.0005	0.0063
	Hexachlorobenzene	mg/L	0.0001										<0.004	<0.004	<0.004	<0.004	<0.004
	Pentachlorobenzene	mg/L	0.0001										<0.002	<0.002	<0.002	<0.002	<0.002
MAH	1,2,4-trimethylbenzene	mg/L	0.000001	**2.11**	*11*								0.211	0.282	0.683	<0.001	0.001
	1,3,5-Trimethylbenzene	mg/L	0.000001	**2.76**	*8.65*								0.201	0.117	0.261	0.033	<0.001
	Benzene	mg/L	0.001	**0.00274**	*0.00274*								***<0.1***	***0.014 - 0.015***	***0.029***	***0.013***	***0.01***
	Ethylbenzene	mg/L	0.000001	**9.33**	*3440*								0.354	0.625 - 0.635	0.351	0.026	0.091
	Isopropylbenzene	mg/L	0.000001	**4.16**	*534*								<0.5	0.027	0.06	<0.001	0.005
	n-Butylbenzene	mg/L	0.001										<0.5	0.002	<0.005	<0.001	<0.001
	n-Propylbenzene	mg/L	0.000001	**0.595**	*42.2*								<0.5	0.037	0.09	<0.001	0.005
	p-Isopropyltoluene	mg/L	0.000001	**4.5**	*529*								<0.5	0.017	0.29	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.000001										<0.5	0.004	<0.005	<0.001	<0.001
	Styrene	mg/L	0.0001	**0.9**	*585*								<0.5	0.009	<0.005	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.00001										<0.5	<0.001	<0.005	<0.001	<0.001
	Toluene	mg/L	0.000001	**28.8**	*382*								2.14	0.053 - 0.069	1.07	0.021	0.006
	Xylenes (m & p)	mg/L	0.000001	**89**	*122*								2.39	0.062 - 0.071	0.601	0.008	0.005
	Xylene (o)	mg/L	0.000001	**89**	*122*								1.45	0.035 - 0.039	0.503	0.008	0.006
	Xylenes (Sum of total)	mg/L	0.002														
	Xylenes (Sum of m,p & o)	mg/L	0.000002	**89**	*122*								3.84	0.11	1.104	0.016	0.011
PAH	Naphthalene	mg/L	0.000001	**1.89**	*23.7*								<0.7 - 0.058	0.021 - 0.03	0.094 - 0.13	<0.007 - 0.0271	0.011 - 0.0244
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05														
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**									6.7	1.49	3.95	0.426	0.469
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	*325*								**8.53**	**3.95**	**13.4**	**5.95**	**3.62**
	TPH C15 - C28 Fraction	mg/L	0.0001	**9.82**	*486*								2.09	1.03	1.86	2.07	1.02
	TPH C29-C36 Fraction	mg/L	0.0001	**13.1**	*46200*								0.323	<0.05	<0.05	0.084	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.2										10.943	5.005	15.285	8.104	4.665
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001														
	1,1,2,2-Tetrabromoethene	mg/L	0.0001														
	1,1,1-Trichloroethane	mg/L	0.000001										<0.5	<0.001	<0.005	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	*0.00267*								***<0.5***	<0.001	***<0.005***	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001														
	1,1,2-Tribromoethene	mg/L	0.0001														
	1,2,3-Trichloropropane	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001										<0.5	<0.005	<0.005	<0.005	<0.005
	1,2-Dibromoethane	mg/L	0.0001										<0.5	<0.001	<0.005	<0.001	<0.001
	cis-1,2-Dibromoethene	mg/L	0.0001														
	trans-1,2-Dibromoethene	mg/L	0.0001														
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	*54.2*												
	1,1-Dichloroethane	mg/L	0.000001										<0.5	0.162	0.086	0.09	0.085
	1,2-Dichloroethane	mg/L	0.000001	**0.00126**	*0.00126*								***<0.5***	***0.004***	***<0.005***	***0.006***	***0.005***
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	*172*								<0.5	0.008	0.013	0.006	0.004
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	*47.6*								0.124	0.363	0.329	0.717	0.243
	trans-1,2-dichloroethene	mg/L	0.000001										<0.5	<0.001	<0.005	<0.001	0.003
	1,2-Dichloropropane	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001										<0.5	<0.001	<0.005	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001										<1	<0.002	<0.01	<0.002	<0.002
	trans-1,3-dichloropropene	mg/L	0.001										<1	<0.002	<0.01	<0.002	<0.002
	Bromochloromethane	mg/L	0.0001														
	Bromodichloromethane	mg/L	0.0001	**0.25**	*0.25*								***<0.5***	<0.001	<0.005	<0.001	<0.001
	Bromoethane	mg/L	0.0001														
	Bromoethyne	mg/L	0.0001														
	Bromoform	mg/L	0.0001	**0.25**	*0.25*								***<0.5***	<0.001	<0.005	<0.001	<0.001
	Bromomethane	mg/L	0.001										<5	<0.01	<0.05	<0.01	<0.01

Field_ID																	
Location_Code													MW22i	MW22i	Q4066-05	Q4066-06	Q5662-02	Q5662-03
Monitoring_zone													Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
Sampled_Date_Time													16/09/2004	3/10/2005	18/10/2006	1/04/2008	1/04/2008	2/04/2009	2/04/2009
Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*													
Heavy Metals	Aluminium	mg/L	0.001	**309**	*309*												0.58	0.55
	Aluminium (Filtered)	mg/L	0.001	**309**	*309*									<0.005 - 0.018	<0.01 - 0.003			
	Arsenic	mg/L	0.0005	**0.00241**	*0.00241*												0.0022	0.0021
	Arsenic (Filtered)	mg/L	0.0002	**0.00241**	*0.00241*									***<0.001 - 0.0041***	0.002 - 0.0024			
	Cadmium	mg/L	0.0001	**0.309**	*0.309*												<0.0001	<0.0001
	Cadmium (Filtered)	mg/L	0.00005	**0.309**	*0.309*									<0.0001	<0.00005			
	Chromium	mg/L	0.0002	**0.928**	*0.928*												0.0006	0.0006
	Chromium (Filtered)	mg/L	0.0002	**0.928**	*0.928*									<0.001	<0.005 - 0.0041			
	Cobalt	mg/L	0.001															
	Copper	mg/L	0.0005														<0.0005	0.0005
	Copper (Filtered)	mg/L	0.0005												<0.001 - 0.0009			
	Iron (ferrous)	mg/L	0.05											0.05 - 10	10 - 12		7.6	7.5
	Iron	mg/L	0.001	**217**	*217*												11	11
	Iron (Filtered)	mg/L	0.001	**217**	*217*									29 - 38	12.1 - 15			
	Lead	mg/L	0.001														<0.001	<0.001
	Lead (Filtered)	mg/L	0.0001											<0.001	<0.0001			
	Manganese	mg/L	0.001	**14.2**	*14.2*												0.075	0.076
	Manganese (Filtered)	mg/L	0.001	**14.2**	*14.2*									0.076 - 0.083	0.073 - 0.077			
	Mercury	mg/L	0.0001														<0.0001	<0.0001
	Mercury (Filtered)	mg/L	0.00001											<0.0001	<0.00001			
	Nickel	mg/L	0.001	**3.86**	*3.86*												<0.001	<0.001
	Nickel (Filtered)	mg/L	0.0002	**3.86**	*3.86*									<0.001	0.026 - 0.028			
	Zinc	mg/L	0.001														0.24	0.23
	Zinc (Filtered)	mg/L	0.0005											0.002 - 0.056	<0.005 - 0.012			
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005										<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001											<0.005	<0.0001		<0.001	<0.001
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	*21.5*								<0.0005	<0.001	<0.0001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.000001	**39.6**	*60.5*								<0.0005	<0.005 - 0.0082	<0.005 - 0.006	0.003	0.003	0.003 - 0.004
	1,3,5-Trichlorobenzene	mg/L	0.0001											<0.005	<0.0001		<0.001	<0.001
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	*16.8*								<0.0005	<0.001	<0.001 - 0.0002	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.000001	**0.00373**	*0.00373*								<0.0005	<0.001 - 0.001	<0.005 - 0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0001										<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005										<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001										<0.0005	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Chlorobenzene	mg/L	0.000001	**2.74**	*80.3*								0.0089	<0.001 - 0.008	0.008 - 0.009	0.009	0.008	0.005
	Hexachlorobenzene	mg/L	0.0001										<0.004	<0.005	<0.0001			<0.001
	Pentachlorobenzene	mg/L	0.0001										<0.002	<0.005	<0.0001			<0.001
MAH	1,2,4-trimethylbenzene	mg/L	0.000001	**2.11**	*11*								0.349	0.72 - 0.81	0.597 - 0.66	0.039	0.036	0.18
	1,3,5-Trimethylbenzene	mg/L	0.000001	**2.76**	*8.65*								0.132	0.22 - 0.42	0.25 - 0.252	0.022	0.021	0.084
	Benzene	mg/L	0.001	**0.00274**	*0.00274*								***0.052***	***0.025 - 0.031***	***0.026 - 0.03***	***0.013***	***0.012***	***0.011***
	Ethylbenzene	mg/L	0.000001	**9.33**	*3440*								0.103	0.66 - 0.71	0.65 - 0.67	0.13	0.12	0.28
	Isopropylbenzene	mg/L	0.000001	**4.16**	*534*								0.029	0.041 - 0.08	0.028 - 0.034	0.005	0.004	0.013
	n-Butylbenzene	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.000001	**0.595**	*42.2*								0.028	0.07 - 0.16	0.044 - 0.05	0.009	0.008	0.016
	p-Isopropyltoluene	mg/L	0.000001	**4.5**	*529*								0.111	0.21 - 0.44	0.12 - 0.14	0.011	0.01	0.079
	sec-Butylbenzene	mg/L	0.000001										<0.001	<0.001 - 0.007	<0.001	<0.001	0.001	<0.001
	Styrene	mg/L	0.0001	**0.9**	*585*								0.005	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.00001										<0.001	<0.001 - 0.25	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.000001	**28.8**	*382*								0.74	2.7 - 3	1.4 - 1.47	0.009	0.009	0.047
	Xylenes (m & p)	mg/L	0.000001	**89**	*122*								0.578	1.9 - 2	1.54 - 1.7	0.018	0.015	0.29
	Xylene (o)	mg/L	0.000001	**89**	*122*								0.363	1.1 - 1.2	1.07 - 1.54	0.005	0.005	0.16
	Xylenes (Sum of total)	mg/L	0.002															
	Xylenes (Sum of m,p & o)	mg/L	0.000002	**89**	*122*								0.941	3 - 3.2	2.61 - 2.8	0.023	0.02	0.45
PAH	Naphthalene	mg/L	0.000001	**1.89**	*23.7*								0.029 - 0.0748	0.091 - 0.31	0.04 - 0.077	0.005	0.005	0.031 - 0.036
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05													3.8	4.4	7.8
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**									2.62	11 - 18	3.2 - 6.84	0.43	0.43	3.5
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	*325*								**7.49**	**3.6 - 10**	**4.6 - 8.87**	**2.2**	**2.6**	**3.6**
	TPH C15 - C28 Fraction	mg/L	0.0001	**9.82**	*486*								1.05	<0.05 - 0.99	0.28 - 1.6	0.99	1.1	0.71
	TPH C29-C36 Fraction	mg/L	0.0001	**13.1**	*46200*								<0.05	<0.05	<0.05 - 0.08	0.18	0.23	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.2										8.565	4.64 - 10.05	4.905 - 10.55	3.37	3.93	4.335
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001											<0.0001	<0.0001			<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001											<0.0001	<0.0001			
	1,1,1-Trichloroethane	mg/L	0.000001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	*0.00267*								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001											<0.0001	<0.0001			<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001											<0.0001	<0.0001			<0.0001
	1,2,3-Trichloropropane	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001										<0.005	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001										<0.001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001											<0.0001 - 0.0002	0.0002			<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001											<0.0001	<0.0001			<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	*54.2*									<0.0001 - 0.0002				<0.0001
	1,1-Dichloroethane	mg/L	0.000001										0.097	0.03 - 0.09	0.064 - 0.066	0.074	0.065	0.05
	1,2-Dichloroethane	mg/L	0.000001	**0.00126**	*0.00126*								***0.007***	***<0.001 - 0.003***	***<0.005 - 0.003***	***0.005***	***0.004***	<0.001
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	*172*								0.033	0.006 - 0.01	0.006 - 0.008	0.004	0.004	0.003
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	*47.6*								0.395	0.15 - 0.56	0.99 - 1.04	0.87	0.81	0.75
	trans-1,2-dichloroethene	mg/L	0.000001										<0.001	0.002 - 0.0036	0.002 - 0.008	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001										<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001										<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromochloromethane	mg/L	0.0001											<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	*0.25*								<0.001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Bromoethane	mg/L	0.0001											<0.0001	<0.0001			<0.0001
	Bromoethyne	mg/L	0.0001											<0.0001	<0.0001			<0.0001
	Bromoform	mg/L	0.0001	**0.25**	*0.25*								<0.001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Bromomethane	mg/L	0.001										<0.01	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 1 - Site Groundwater Analytical Results

					Field_ID	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	Q4066-05	Q4066-06	Q5662-02	Q5662-03
					Location_Code	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i
					Monitoring_zone	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
					Sampled_Date_Time	22/11/2001	12/03/2003	11/12/2003	9/03/2004	9/06/2004	16/09/2004	3/10/2005	18/10/2006	1/04/2008	1/04/2008	2/04/2009	2/04/2009
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***												
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	*0.00075*	***<0.5***	***<0.001***	***<0.005***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	*0.25*	***<0.5***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001
	Chloroethane	mg/L	0.000001	**0.0118**	*0.0118*	***<5***	***0.037***	***0.055***	<0.01	***0.018***	***0.073***	***0.027 - 0.038***	***<0.05 - 0.028***	0.01	0.008	0.008	0.008
	Chloroform	mg/L	0.000001	**0.25**	*0.25*	***<0.5***	<0.001	<0.005	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.000001			<5	<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.5	<0.001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<5	<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	*0.0397*							<0.1 - 0.0036	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.002	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001			<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.0001			<0.001	<0.001
	Trichloroethene	mg/L	0.000001	**0.0351**	*0.0351*	***<0.5***	0.003	<0.005	0.004	0.004	0.014	<0.001	<0.005 - 0.005	0.022	0.019	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001									<0.0001				<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001									<0.0001				<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.000001	**1.75**	*321*	<0.5	0.002	<0.005	<0.001	0.001	0.011	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
	Trichlorofluoromethane	mg/L	0.000001			<5	<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	*0.00113*							<0.0001 - 0.0006	<0.0001 - 0.0005			<0.0001	<0.0001
	Vinyl chloride	mg/L	0.000001	**0.0737**	*0.0737*	***<5***	<0.01	<0.05	<0.01	<0.01	<0.01	<0.001 - 0.004	<0.05 - 0.003	0.004	0.003	0.002	0.003

TABLE 1 - Site Groundwater Analytical Results

Field_ID						Q5243-03	Q5243-04	Q8122-01	Q8122-02	Q8123 - 01	Q9501-01	Q9501-02	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i
Location_Code						MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i
Monitoring_zone						Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
Sampled_Date_Time						1/06/2010	1/06/2010	7/07/2011	7/07/2011	7/07/2011	20/06/2012	20/06/2012	22/11/2001	11/03/2003	12/12/2003	10/03/2004	8/06/2004	15/09/2004
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***													
Heavy Metals	Aluminium	mg/L	0.001	**309**	*309*													
	Aluminium (Filtered)	mg/L	0.001	**309**	*309*	0.035	0.04	<0.001	0.003	<0.01	0.005	0.005						
	Arsenic	mg/L	0.0005	**0.00241**	*0.00241*													
	Arsenic (Filtered)	mg/L	0.0002	**0.00241**	*0.00241*	***0.0047***	***0.0051***	0.0005	0.0005	<0.001	***0.017***	***0.019***	***0.006***	0.002				
	Cadmium	mg/L	0.0001	**0.309**	*0.309*													
	Cadmium (Filtered)	mg/L	0.00005	**0.309**	*0.309*	<0.0002	<0.0002	<0.0005	<0.0005	<0.0001	<0.0002	<0.0002	<0.001	<0.001				
	Chromium	mg/L	0.0002	**0.928**	*0.928*													
	Chromium (Filtered)	mg/L	0.0002	**0.928**	*0.928*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
	Cobalt	mg/L	0.001															
	Copper	mg/L	0.0005															
	Copper (Filtered)	mg/L	0.0005			0.001	0.001	<0.001	<0.001	<0.001			0.002	<0.001				
	Iron (ferrous)	mg/L	0.05															
	Iron	mg/L	0.001	**217**	*217*													
	Iron (Filtered)	mg/L	0.001	**217**	*217*	7.6	7.9	7	7.1	10.1	7.7	8.1						
	Lead	mg/L	0.001															
	Lead (Filtered)	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
	Manganese	mg/L	0.001	**14.2**	*14.2*													
	Manganese (Filtered)	mg/L	0.001	**14.2**	*14.2*	0.071	0.074	0.06	0.062	0.058	0.094	0.099						
	Mercury	mg/L	0.0001															
	Mercury (Filtered)	mg/L	0.00001			<0.00006	<0.00006	<0.0005	<0.0005	<0.0001	<0.00005	<0.00005	<0.001	<0.0001				
	Nickel	mg/L	0.001	**3.86**	*3.86*													
	Nickel (Filtered)	mg/L	0.0002	**3.86**	*3.86*	0.001	0.002	0.005	0.005	0.007	0.006	0.007	0.013	0.002				
	Zinc	mg/L	0.001															
	Zinc (Filtered)	mg/L	0.0005			0.003	0.002	0.022	0.004	<0.005	0.009	0.005	0.018	0.004				
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.0005	<0.005	<0.01	<0.0005	<0.0005
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001															
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	*21.5*	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.0005	<0.002	<0.002	<0.0005	<0.0005
	1,2-Dichlorobenzene	mg/L	0.000001	**39.6**	*60.5*	0.004	0.003	0.003	0.004	<0.005	0.004	0.004	<0.002	<0.002 - 0.002	<0.002	<0.002	<0.0005	<0.0005
	1,3,5-Trichlorobenzene	mg/L	0.0001															
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	*16.8*	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.0005	<0.002	<0.002	<0.0005	<0.0005
	1,4-Dichlorobenzene	mg/L	0.000001	**0.00373**	*0.00373*	0.001	0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.002	<0.0005	<0.002	<0.002	<0.0005	<0.002 - 0.0005
	2-Chlorotoluene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.0005	<0.005	<0.01	<0.0005	<0.0005
	4-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.0005	<0.005	<0.01	<0.0005	<0.0005
	Bromobenzene	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.0005	<0.005	<0.01	<0.0005	<0.0005
	Chlorobenzene	mg/L	0.000001	**2.74**	*80.3*	0.008	0.007	0.006	0.008	0.007	0.009	0.008	<0.002	<0.0005	<0.005	<0.01	<0.0005	0.0047
	Hexachlorobenzene	mg/L	0.0001										<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
	Pentachlorobenzene	mg/L	0.0001										<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MAH	1,2,4-trimethylbenzene	mg/L	0.000001	**2.11**	*11*	0.2	0.14	0.014	0.018	0.019	0.21	0.18	0.082	0.129	0.059	<0.02	0.022	0.125
	1,3,5-Trimethylbenzene	mg/L	0.000001	**2.76**	*8.65*	0.071	0.048	0.008	0.01	0.009	0.074	0.066	0.015	0.052	0.017	<0.02	0.006	0.039
	Benzene	mg/L	0.001	**0.00274**	*0.00274*	***0.012***	***0.01***	***0.009***	***0.013***	***0.01***	***0.016***	***0.015***	<0.005 - 0.0022	***0.005 - 0.006***	***<0.005***	***<0.02***	0.001	***0.011***
	Ethylbenzene	mg/L	0.000001	**9.33**	*3440*	0.47	0.39	0.019	0.023	0.024	0.89	0.88	0.0638 - 0.064	0.223 - 0.229	0.318	0.398	0.081	0.288
	Isopropylbenzene	mg/L	0.000001	**4.16**	*534*	0.014	0.009	0.002	0.002	<0.005	0.023	0.021	<0.005	0.009	<0.005	<0.02	0.001	0.01
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	0.004	0.004	<0.005	0.001	<0.005	<0.02	<0.001	<0.001
	n-Propylbenzene	mg/L	0.000001	**0.595**	*42.2*	0.032	0.018	0.002	0.003	<0.005	0.041	0.036	0.009	0.018	0.007	<0.02	0.002	0.015
	p-Isopropyltoluene	mg/L	0.000001	**4.5**	*529*	0.038	0.035	0.007	0.009	<0.005	0.037	0.033	0.013	0.071	0.017	<0.02	0.009	0.032
	sec-Butylbenzene	mg/L	0.000001			0.003	<0.001	<0.001	<0.001	<0.005	0.002	0.002	<0.005	0.001	<0.005	<0.02	<0.001	<0.001
	Styrene	mg/L	0.0001	**0.9**	*585*	<0.001	<0.001	<0.001	<0.001	<0.005	0.004	0.004	<0.005	0.003	<0.005	<0.02	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.00001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	Toluene	mg/L	0.000001	**28.8**	*382*	0.006	0.006	0.003	0.004	0.004	0.019	0.018	0.121	0.636 - 0.727	0.977	0.934	0.056	2.04
	Xylenes (m & p)	mg/L	0.000001	**89**	*122*	0.23	0.21	0.007	0.01	0.008	0.43	0.42	0.114	0.342 - 0.368	0.798	1.36	0.073	1.08
	Xylene (o)	mg/L	0.000001	**89**	*122*	0.1	0.089	0.007	0.008	0.006	0.059	0.051	0.0486 - 0.049	0.233 - 0.239	0.38	0.595	0.034	0.427
	Xylenes (Sum of total)	mg/L	0.002							0.014								
	Xylenes (Sum of m,p & o)	mg/L	0.000002	**89**	*122*	0.33	0.299	0.014	0.018	0.014	0.489	0.471	0.163	0.607	1.178	1.955	0.107	1.507
PAH	Naphthalene	mg/L	0.000001	**1.89**	*23.7*	0.027	0.028	0.003	0.003	<0.005	0.049	0.045	<0.007 - 0.003	0.022 - 0.0223	<0.007 - 0.0059	<0.02 - 0.0088	<0.007 - 0.0041	0.0071 - 0.009
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05			3.3	2.9	2.2	2.5		7.2	6.9						
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		1.1	0.96	0.11	0.12	0.9	2.9	2.5	1.62	14.9	2.04	6.56	0.399	5.9
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	*325*	**2.1**	**1.9**	**1.6**	**1.9**	**1.74**	**4.1**	**4**	**1.17**	**3.71**	**1.78**	**1.92**	0.392	**1.26**
	TPH C15 - C28 Fraction	mg/L	0.0001	**9.82**	*486*	0.05	0.05	0.43	0.54	1.27	0.23	0.4	0.444	0.568	<0.1	0.451	<0.1	0.223
	TPH C29-C36 Fraction	mg/L	0.0001	**13.1**	*46200*	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.088	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.2			2.175	1.975	2.055	2.465	3.035	4.355	4.425	1.702	4.303	1.855	2.396	0.467	1.508
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001						
	1,1,2,2-Tetrabromoethene	mg/L	0.0001															
	1,1,1-Trichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.014	<0.001	<0.005	<0.02	<0.001	0.003
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	*0.00267*	<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	***<0.005***	<0.001	***<0.005***	***<0.02***	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001						
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001						
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.005	<0.005	<0.02	<0.005	<0.005
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	cis-1,2-Dibromoethene	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001						
	trans-1,2-Dibromoethene	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001						
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	*54.2*	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001						
	1,1-Dichloroethane	mg/L	0.000001			0.041	0.02	0.033	0.041	0.034	0.031	0.03	0.096	0.281	0.054	<0.02	0.016	0.136
	1,2-Dichloroethane	mg/L	0.000001	**0.00126**	*0.00126*	***0.003***	***0.003***	***0.002***	***0.003***	***<0.005***	***0.003***	***0.003***	***0.009***	***0.002***	***<0.005***	***<0.02***	<0.001	***0.007***
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	*172*	0.003	0.002	0.002	0.003	<0.005	0.001	0.001	0.012	0.009	0.009	<0.02	<0.001	0.019
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	*47.6*	0.97	1.1	0.99	1.3	1.23	1.5	1.5	0.076	0.249	0.195	<0.02	0.03	0.165
	trans-1,2-dichloroethene	mg/L	0.000001			0.001	0.001	<0.001	0.002	<0.005	0.002	0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.01	<0.002	<0.01	<0.04	<0.002	<0.002
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.01	<0.002	<0.01	<0.04	<0.002	<0.002
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001						
	Bromodichloromethane	mg/L	0.0001	**0.25**	*0.25*	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	Bromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001						
	Bromoethyne	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001						
	Bromoform	mg/L	0.0001	**0.25**	*0.25*	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.01	<0.05	<0.2	<0.01	<0.01

TABLE 1 - Site Groundwater Analytical Results

					Field_ID	Q5243-03	Q5243-04	Q8122-01	Q8122-02	Q8123 - 01	Q9501-01	Q9501-02	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i
					Location_Code	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW22i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i
					Monitoring_zone	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
					Sampled_Date_Time	1/06/2010	1/06/2010	7/07/2011	7/07/2011	7/07/2011	20/06/2012	20/06/2012	22/11/2001	11/03/2003	12/12/2003	10/03/2004	8/06/2004	15/09/2004
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***													
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	*0.00075*	<0.0007	<0.0007	***<0.001***	***<0.001***	<0.00005	***<0.001***	***<0.001***	***<0.005***	***<0.001***	***<0.005***	***<0.02***	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	*0.25*	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	Chloroethane	mg/L	0.000001	**0.0118**	*0.0118*	0.006	0.005	0.004	0.006	***<0.05***	0.009	0.008	***<0.05***	<0.01	***<0.05***	***<0.2***	<0.01	***0.013***
	Chloroform	mg/L	0.000001	**0.25**	*0.25*	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.105	0.002	0.04	<0.02	<0.001	0.011
	Chloromethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.01	<0.05	<0.2	<0.01	<0.01
	Dibromomethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.005	<0.02	<0.001	<0.001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.01	<0.05	<0.2	<0.01	<0.01
	Dichloromethane	mg/L	0.01	**0.0397**	*0.0397*	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01						
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.001	<0.002	<0.002	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001										<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Trichloroethene	mg/L	0.000001	**0.0351**	*0.0351*	0.002	0.002	0.005	0.007	0.007	<0.001	<0.001	***0.052***	<0.001	0.021	<0.02	<0.001	0.008
	Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001						
	Tetrabromoethene	mg/L	0.0001			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001						
	Tetrachloroethene	mg/L	0.000001	**1.75**	*321*	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.104	<0.001	0.047	<0.02	<0.001	0.03
	Trichlorofluoromethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.01	<0.05	<0.2	<0.01	0.028
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	*0.00113*	<0.0001	<0.0001	<0.0001	<0.0001	0.00019	<0.0001	<0.0001						
	Vinyl chloride	mg/L	0.000001	**0.0737**	*0.0737*	0.003	0.003	0.002	0.004	<0.05	0.003	0.003	<0.05	<0.01	<0.05	***<0.1***	<0.01	<0.01

TABLE 1 - Site Groundwater Analytical Results

Field_ID						MW23i	MW23i	Q4064-03	Q5660-07	Q5211-01 Filtered	Q5211-02 Filte	Q5241-05	Q8119-03	Q8145-06	MW25	MW25	MW25
Location_Code						MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW25	MW25	MW25
Monitoring_zone						Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
Sampled_Date_Time						29/09/2005	17/10/2006	30/03/2008	1/04/2009	23/09/2009	23/09/2009	31/05/2010	4/07/2011	19/06/2012	12/03/2003	11/12/2003	9/03/2004
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***												
Heavy Metals	Aluminium	mg/L	0.001	**309**	*309*				0.22								
	Aluminium (Filtered)	mg/L	0.001	**309**	*309*	0.02	<0.001					0.025	0.031	0.003			
	Arsenic	mg/L	0.0005	**0.00241**	*0.00241*				***0.04***	***0.027***	***0.029***						
	Arsenic (Filtered)	mg/L	0.0002	**0.00241**	*0.00241*	***0.036***	***0.038***					***0.04***	***0.022***	***0.016***	0.002		
	Cadmium	mg/L	0.0001	**0.309**	*0.309*				0.0002	<0.0005	<0.0005						
	Cadmium (Filtered)	mg/L	0.00005	**0.309**	*0.309*	<0.0005	<0.00005					<0.0002	<0.0005	<0.0002	<0.001		
	Chromium	mg/L	0.0002	**0.928**	*0.928*				0.0008	<0.001	<0.001						
	Chromium (Filtered)	mg/L	0.0002	**0.928**	*0.928*	<0.001	<0.0002					<0.001	<0.001	<0.001	<0.001		
	Cobalt	mg/L	0.001							0.001	0.001						
	Copper	mg/L	0.0005						0.0013	0.001	0.001						
	Copper (Filtered)	mg/L	0.0005				0.0005					<0.001	<0.001		0.001		
	Iron (ferrous)	mg/L	0.05			37	25		19								
	Iron	mg/L	0.001	**217**	*217*				27								
	Iron (Filtered)	mg/L	0.001	**217**	*217*	49	48					25	39	24			
	Lead	mg/L	0.001						<0.001	<0.001	<0.001						
	Lead (Filtered)	mg/L	0.0001			<0.001	<0.0001					<0.001	<0.001	<0.001	<0.001		
	Manganese	mg/L	0.001	**14.2**	*14.2*				0.027								
	Manganese (Filtered)	mg/L	0.001	**14.2**	*14.2*	0.019	0.052					0.031	0.077	0.021			
	Mercury	mg/L	0.0001						<0.0001								
	Mercury (Filtered)	mg/L	0.00001			<0.0005	<0.00001					<0.00006	<0.0005	<0.00005	<0.0001		
	Nickel	mg/L	0.001	**3.86**	*3.86*				<0.001	0.008	0.005						
	Nickel (Filtered)	mg/L	0.0002	**3.86**	*3.86*	0.005	0.087					0.002	0.027	0.017	0.002		
	Zinc	mg/L	0.001						0.31	0.11	0.14						
	Zinc (Filtered)	mg/L	0.0005			0.067	0.012					0.002	0.037	<0.001	<0.005		
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.0005	<0.005	<0.0005
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001			<0.005	<0.0001										
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	*21.5*	<0.001	<0.0001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.0005	<0.002	<0.0005
	1,2-Dichlorobenzene	mg/L	0.000001	**39.6**	*60.5*	<0.001	0.002	0.002	0.002			0.001	<0.001	0.002	<0.0005	<0.002	<0.0005
	1,3,5-Trichlorobenzene	mg/L	0.0001			<0.005	<0.0001										
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	*16.8*	<0.001	<0.0001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.0005	<0.002	<0.0005
	1,4-Dichlorobenzene	mg/L	0.000001	**0.00373**	*0.00373*	<0.001	<0.001 - 0.0002	<0.001	<0.001			<0.001	<0.001	<0.001	<0.0005	<0.002	<0.0005
	2-Chlorotoluene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.0005	<0.005	<0.0005
	4-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.0005	<0.005	<0.0005
	Bromobenzene	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.0005	<0.005	<0.0005
	Chlorobenzene	mg/L	0.000001	**2.74**	*80.3*	0.003	0.003	0.002	0.002			0.001	<0.001	<0.001	<0.0005	<0.005	<0.0005
	Hexachlorobenzene	mg/L	0.0001			<0.005	<0.0001								<0.004	<0.004	<0.004
	Pentachlorobenzene	mg/L	0.0001			<0.005	<0.0001								<0.002	<0.002	<0.002
MAH	1,2,4-trimethylbenzene	mg/L	0.000001	**2.11**	*11*	0.13	0.087	0.053	0.057			0.047	<0.001	0.062	<0.001	<0.005	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.000001	**2.76**	*8.65*	0.04	0.028	0.015	0.017			0.009	<0.001	0.016	0.004	<0.005	<0.001
	Benzene	mg/L	0.001	**0.00274**	*0.00274*	***0.009***	***0.007***	***0.005***	***0.005***			***0.005***	***0.003***	***0.004***	<0.001	***<0.005***	<0.001
	Ethylbenzene	mg/L	0.000001	**9.33**	*3440*	0.7	0.36	0.22	0.29			0.24	0.004	0.18	0.039 - 0.043	<0.005	<0.001
	Isopropylbenzene	mg/L	0.000001	**4.16**	*534*	0.015	0.007	0.004	0.006			0.002	<0.001	0.005	<0.001	<0.005	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	n-Propylbenzene	mg/L	0.000001	**0.595**	*42.2*	0.021	0.011	0.005	0.006			0.002	<0.001	0.006	0.001	<0.005	<0.001
	p-Isopropyltoluene	mg/L	0.000001	**4.5**	*529*	0.043	0.035	0.003	0.007			0.001	<0.001	0.004	<0.001	<0.005	<0.001
	sec-Butylbenzene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	Styrene	mg/L	0.0001	**0.9**	*585*	<0.001	<0.001	0.003	<0.001			<0.001	<0.001	0.007	<0.001	<0.005	<0.001
	tert-Butylbenzene	mg/L	0.00001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	Toluene	mg/L	0.000001	**28.8**	*382*	2.5	0.17	0.026	0.04			0.008	0.001	0.26	0.005 - 0.006	0.005	<0.001
	Xylenes (m & p)	mg/L	0.000001	**89**	*122*	2	1.2	0.026	0.27			0.12	<0.001	0.3	0.047 - 0.051	0.007	<0.001
	Xylene (o)	mg/L	0.000001	**89**	*122*	0.72	0.44	0.013	0.18			0.089	<0.001	0.19	0.058 - 0.068	<0.005	<0.001
	Xylenes (Sum of total)	mg/L	0.002														
	Xylenes (Sum of m,p & o)	mg/L	0.000002	**89**	*122*	2.72	1.64	0.039	0.45			0.209	<0.002	0.49	0.119	0.0095	<0.002
PAH	Naphthalene	mg/L	0.000001	**1.89**	*23.7*	0.005	0.009 - 0.012	0.007	0.005			0.003	<0.001	0.01	<0.007 - 0.0002	<0.0001	<0.0001
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05					1.9	1.3			0.75	0.17	1.8			
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		18	<0.01	0.78	0.88			0.33	<0.01	0.99	0.171	<0.02	<0.02
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	*325*	**1.5**	**1.2**	**1.1**	0.37			0.42	0.17	**0.81**	0.081	<0.05	<0.05
	TPH C15 - C28 Fraction	mg/L	0.0001	**9.82**	*486*	<0.05	0.12	<0.05	<0.05			<0.05	<0.05	<0.05	0.18	0.273	<0.1
	TPH C29-C36 Fraction	mg/L	0.0001	**13.1**	*46200*	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	0.165	0.108	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.2			1.55	1.345	1.15	0.42			0.47	0.22	0.86	0.426	0.406	<0.2
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001			<0.0001	<0.0001	<0.0001			
	1,1,2,2-Tetrabromoethene	mg/L	0.0001			<0.0001	<0.0001										
	1,1,1-Trichloroethane	mg/L	0.000001			0.003	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	*0.00267*	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001			<0.0001	<0.0001	<0.0001			
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001			0.0003	<0.0001	<0.0001			
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.005	<0.005	<0.005
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.001	<0.005	<0.001
	cis-1,2-Dibromoethene	mg/L	0.0001			0.014	<0.0001		0.0014			0.0003	<0.0001	<0.0001			
	trans-1,2-Dibromoethene	mg/L	0.0001			0.0015	<0.0001		0.0001			<0.0001	<0.0001	<0.0001			
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	*54.2*	0.016			0.0015			0.0003	<0.0001	<0.0001			
	1,1-Dichloroethane	mg/L	0.000001			0.073	0.039	0.032	0.026			0.02	0.007	0.006	<0.001	<0.005	<0.001
	1,2-Dichloroethane	mg/L	0.000001	**0.00126**	*0.00126*	***0.02***	<0.001	***0.002***	<0.001			***0.002***	0.001	***0.002***	<0.001	***<0.005***	<0.001
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	*172*	0.029	0.003	0.003	0.006			0.002	<0.001	0.002	<0.001	<0.005	<0.001
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	*47.6*	0.34	0.18	0.21	0.21			0.21	0.086	0.2	0.002	<0.005	<0.001
	trans-1,2-dichloroethene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.002	<0.01	<0.002
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.002	<0.01	<0.002
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001			
	Bromodichloromethane	mg/L	0.0001	**0.25**	*0.25*	<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.001	<0.005	<0.001
	Bromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001			<0.0001	<0.0001	<0.0001			
	Bromoethyne	mg/L	0.0001			<0.0001	<0.0001		<0.0001			<0.0001	<0.0001	<0.0001			
	Bromoform	mg/L	0.0001	**0.25**	*0.25*	<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.001	<0.005	<0.001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.01	<0.05	<0.01

TABLE 1 - Site Groundwater Analytical Results

						Field_ID	MW23i	MW23i	Q4064-03	Q5660-07	Q5211-01 Filtered	Q5211-02 Filte	Q5241-05	Q8119-03	Q8145-06	MW25	MW25	MW25
						Location_Code	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW23i	MW25	MW25	MW25
						Monitoring_zone	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
						Sampled_Date_Time	29/09/2005	17/10/2006	30/03/2008	1/04/2009	23/09/2009	23/09/2009	31/05/2010	4/07/2011	19/06/2012	12/03/2003	11/12/2003	9/03/2004
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***													
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	*0.00075*	***<0.001***	***<0.001***	***<0.001***	***<0.001***			<0.0007	***<0.001***	***<0.001***	***<0.001***	***<0.005***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	*0.25*	<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.001	<0.005	<0.001
	Chloroethane	mg/L	0.000001	**0.0118**	*0.0118*	0.003	0.003	0.001	0.008			0.003	<0.001	0.005	<0.01	***<0.05***	<0.01
	Chloroform	mg/L	0.000001	**0.25**	*0.25*	0.12	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	0.001	<0.005	<0.001
	Chloromethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.01	<0.05	<0.01
	Dibromomethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001			<0.0001	<0.0001	<0.0001	<0.001	<0.005	<0.001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.01	<0.05	<0.01
	Dichloromethane	mg/L	0.01	**0.0397**	*0.0397*	***<0.1***	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01			
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.002	<0.001
	Hexachloroethane	mg/L	0.0001			<0.005	<0.0001								<0.002	<0.002	<0.002
	Trichloroethene	mg/L	0.000001	**0.0351**	*0.0351*	***0.061***	<0.001	0.003	0.002			<0.001	0.001	0.002	<0.001	<0.005	<0.001
	Tetrabromoethane	mg/L	0.0001			<0.0001			<0.0001			<0.0001	<0.0001	<0.0001			
	Tetrabromoethene	mg/L	0.0001			<0.0001			<0.0001			<0.0001	<0.0001	<0.0001			
	Tetrachloroethene	mg/L	0.000001	**1.75**	*321*	0.16	0.001	0.001	0.004			<0.001	<0.001	0.003	0.005	<0.005	<0.001
	Trichlorofluoromethane	mg/L	0.000001			0.051	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.01	<0.05	<0.01
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	*0.00113*	***0.0081***	0.0004		***0.0036***			***0.0027***	<0.0001	***0.006***			
	Vinyl chloride	mg/L	0.000001	**0.0737**	*0.0737*	<0.001	0.001	<0.001	0.002			0.001	<0.001	<0.001	<0.01	<0.05	<0.01

TABLE 1 - Site Groundwater Analytical Results

Field_ID						MW25	MW25	MW25	Q4064-05	Q4981-04	Q4981-05	Q5662-05	Q5243-01	Q8121-05	Q9501-03
Location_Code						MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25
Monitoring_zone						Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
Sampled_Date_Time						10/06/2004	16/09/2004	28/09/2005	30/03/2008	13/10/2008	13/10/2008	2/04/2009	1/06/2010	6/07/2011	20/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***										
Heavy Metals	Aluminium	mg/L	0.001	**309**	*309*							0.34			
	Aluminium (Filtered)	mg/L	0.001	**309**	*309*			0.016					0.012	0.005	0.003
	Arsenic	mg/L	0.0005	**0.00241**	*0.00241*							<0.0005			
	Arsenic (Filtered)	mg/L	0.0002	**0.00241**	*0.00241*			<0.0005					<0.0005	<0.0005	<0.0005
	Cadmium	mg/L	0.0001	**0.309**	*0.309*							<0.0001			
	Cadmium (Filtered)	mg/L	0.00005	**0.309**	*0.309*			<0.0005					<0.0002	<0.0005	<0.0002
	Chromium	mg/L	0.0002	**0.928**	*0.928*							0.0015			
	Chromium (Filtered)	mg/L	0.0002	**0.928**	*0.928*			<0.001					0.001	0.002	0.002
	Cobalt	mg/L	0.001												
	Copper	mg/L	0.0005									<0.0005			
	Copper (Filtered)	mg/L	0.0005										0.084	0.001	
	Iron (ferrous)	mg/L	0.05					<0.1				0.1			
	Iron	mg/L	0.001	**217**	*217*							0.21			
	Iron (Filtered)	mg/L	0.001	**217**	*217*			0.002					0.023	0.25	0.01
	Lead	mg/L	0.001									0.002			
	Lead (Filtered)	mg/L	0.0001					<0.001					<0.001	<0.001	<0.001
	Manganese	mg/L	0.001	**14.2**	*14.2*							0.1			
	Manganese (Filtered)	mg/L	0.001	**14.2**	*14.2*			0.048					0.075	0.059	0.07
	Mercury	mg/L	0.0001									<0.0001			
	Mercury (Filtered)	mg/L	0.00001					<0.0005					<0.00006	<0.0005	<0.00005
	Nickel	mg/L	0.001	**3.86**	*3.86*							<0.001			
	Nickel (Filtered)	mg/L	0.0002	**3.86**	*3.86*			<0.001					0.001	0.012	0.001
	Zinc	mg/L	0.001									0.25			
	Zinc (Filtered)	mg/L	0.0005					0.11					0.005	0.015	0.006
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001					<0.005							
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	*21.5*	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.000001	**39.6**	*60.5*	<0.002 - 0.0013	<0.002 - 0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001					<0.005							
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	*16.8*	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.000001	**0.00373**	*0.00373*	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0001			<0.0005	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005			<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0005	<0.0005	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.000001	**2.74**	*80.3*	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.004	<0.004	<0.005							
	Pentachlorobenzene	mg/L	0.0001			<0.002	<0.002	<0.005							
MAH	1,2,4-trimethylbenzene	mg/L	0.000001	**2.11**	*11*	<0.001	0.009	<0.001	0.012	0.007	0.007	0.002	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.000001	**2.76**	*8.65*	<0.001	0.003	<0.001	0.004	0.001	0.002	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	*0.00274*	***0.003***	0.002	<0.001	***0.051***	***0.024***	***0.026***	***0.027***	0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.000001	**9.33**	*3440*	<0.001	0.014	<0.001	0.009	0.009	0.009	0.005	<0.001	0.002	<0.001
	Isopropylbenzene	mg/L	0.000001	**4.16**	*534*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.000001	**0.595**	*42.2*	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.000001	**4.5**	*529*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.0001	**0.9**	*585*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.00001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.000001	**28.8**	*382*	0.003	0.052	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	<0.001
	Xylenes (m & p)	mg/L	0.000001	**89**	*122*	0.001	0.055	<0.001	0.012	0.025	0.025	0.009	<0.001	0.008	<0.001
	Xylene (o)	mg/L	0.000001	**89**	*122*	0.001	0.022	<0.001	0.002	0.002	0.002	<0.001	<0.001	0.003	<0.001
	Xylenes (Sum of total)	mg/L	0.002												
	Xylenes (Sum of m,p & o)	mg/L	0.000002	**89**	*122*	0.002	0.077	<0.002	0.014	0.027	0.027	0.0095	<0.002	0.011	<0.002
PAH	Naphthalene	mg/L	0.000001	**1.89**	*23.7*	<0.007 - 0.0013	<0.0001 - 0.013	<0.001	0.003	0.001	0.001	<0.001	<0.001	<0.001	<0.001
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05						1.1	<0.05	0.07	0.46	<0.05	<0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		<0.02	0.163	0.07	0.82	0.01	0.04	0.19	<0.01	0.02	<0.01
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	*325*	0.056	<0.05	0.02	0.24	0.01	0.04	0.13	<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.0001	**9.82**	*486*	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	0.14	<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.0001	**13.1**	*46200*	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.2			0.131	<0.2	0.07	0.29	0.06	0.09	0.295	<0.11	<0.11	<0.11
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001					<0.0001							
	1,1,1-Trichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	*0.00267*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.005	<0.005	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	*54.2*			<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.000001	**0.00126**	*0.00126*	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	*172*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	*47.6*	0.007	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002
	trans-1,2-dichloroethene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromochloromethane	mg/L	0.0001					<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	*0.25*	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	*0.25*	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.013

TABLE 1 - Site Groundwater Analytical Results

					Field_ID	MW25	MW25	MW25	Q4064-05	Q4981-04	Q4981-05	Q5662-05	Q5243-01	Q8121-05	Q9501-03
					Location_Code	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25
					Monitoring_zone	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control	Waste Control
					Sampled_Date_Time	10/06/2004	16/09/2004	28/09/2005	30/03/2008	13/10/2008	13/10/2008	2/04/2009	1/06/2010	6/07/2011	20/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***										
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	*0.00075*	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	<0.0007	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	*0.25*	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.000001	**0.0118**	*0.0118*	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.000001	**0.25**	*0.25*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.000001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	*0.0397*			***<0.1***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001			<0.002	<0.002	<0.005							
	Trichloroethene	mg/L	0.000001	**0.0351**	*0.0351*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001					<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.000001	**1.75**	*321*	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.000001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	*0.00113*			<0.0001		<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.000001	**0.0737**	*0.0737*	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2 - Lot 2

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*	MW42	MW42	MW42	MW42	Q4061-01	Q5660-02	Q5660-03	Q5661 - 01	Q5241-01	Q5241-02	Q5242-01	Q8115-03	Q8115-04	Q8145-01	Q8145-02	Q8150 - 01	Q8116-001
	Location_Code					MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MW42	MWG42
	Monitoring_Zone					Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	
	Sampled_Date_Time					7/03/2003	10/03/2003	28/09/2005	15/10/2006	25/03/2008	1/04/2009	1/04/2009	1/04/2009	31/05/2010	31/05/2010	31/05/2010	28/06/2011	28/06/2011	19/06/2012	19/06/2012	19/06/2012	28/06/2011
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001					<0.005	<0.0001													
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	***21.5***	<0.0005	<0.0005	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dichlorobenzene	mg/L	0.0001	**39.6**	***60.5***	<0.0005	<0.0005	<0.001	0.0027 - 0.003	0.002	0.001	0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,3,5-Trichlorobenzene	mg/L	0.0001					<0.005	<0.0001													
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	***16.8***	<0.0005	<0.0005	<0.001	<0.001 - 0.000	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,4-Dichlorobenzene	mg/L	0.0001	**0.00373**	***0.00373***	<0.0005	<0.0005	<0.001	<0.001 - 0.000	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	***<0.005***	***<0.005***
	2-Chlorotoluene	mg/L	0.0005			<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	4-Chlorotoluene	mg/L	0.0005			<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Bromobenzene	mg/L	0.0001			<0.0005	<0.0005	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.005
	Chlorobenzene	mg/L	0.000001	**2.74**	***80.3***	<0.0005	<0.0005	0.001	0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Hexachlorobenzene	mg/L	0.0001			<0.004		<0.005	<0.0001													
	Pentachlorobenzene	mg/L	0.0001			<0.002		<0.005	<0.0001													
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Xylenes (Sum of total)	mg/L	0.002																		<0.002	<0.002
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.004	<0.002	<0.002	<0.002	<0.002	<0.004	<0.004
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05							2.2	0.21	0.34		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05		
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		0.158		0.1	<0.01	0.11	0.04	<0.01	0.24	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	<0.01	0.03	0.14
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	***325***	<0.05		0.21	0.15	0.56	0.04	0.09	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05
	TPH C15 - C28 Fraction	mg/L	0.05	**9.82**	***486***	0.204		<0.05	0.33	1.5	0.12	0.25	0.5	<0.05	<0.05	0.67	<0.05	<0.05	<0.05	<0.05	<0.1	0.46
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	<0.05	0.16	<0.05	<0.05	<0.05	<0.05	<0.05	0.15
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			0.254		0.26	0.505	2.085	0.185	0.365	0.605	<0.11	<0.11	0.855	<0.11	<0.11	<0.11	<0.11	<0.2	0.635
	TPH+C10 - C36 (Sum of total) (Lab Reported)	mg/L	0.05													0.83					<0.05	0.61
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.00005					0.31	0.48												<0.1	0.57
	C6 - C10 Fraction	mg/L	0.02																		0.04	0.15
	C6 - C10 Fraction minus BTEX (F1)	mg/L	0.02																		0.04	0.15
	>C10 - C16 Fraction	mg/L	0.1																		<0.1	<0.1
	>C16 - C34 Fraction	mg/L	0.1																		<0.1	0.57
	>C34 - C40 Fraction	mg/L	0.1																		<0.1	<0.1
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2,2-Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001		<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001		<0.001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001					<0.0001	<0.0001													
	1,1,1-Trichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	***<0.005***	***<0.005***
	1,1,2-Tribromoethane	mg/L	0.0001					<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		
	Tribromoethane	mg/L	0.0001					<0.0001														
	1,1,2-Tribromoethene	mg/L	0.0001					<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.005	<0.005	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.005
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.005
	cis-1,2-Dibromoethene	mg/L	0.0001					0.0001	<0.0001		<0.0001	<0.0001	0.00016	0.0008	0.0006	0.00111	0.0014	0.0013	0.0017	0.0016		0.0018
	trans-1,2-Dibromoethene	mg/L	0.0001					<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0005	0.0003	<0.0001	<0.0001		<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***			0.0001			<0.0001	<0.0001	0.00016	0.0008	0.0006	0.00111	0.0019	0.0016	0.0017	0.0016		0.0018
	1,1-Dichloroethane	mg/L	0.000001			0.006	0.006	0.005	0.006	0.006	0.005	0.004	<0.005	0.004	0.005	<0.005	0.004	0.004	0.003	0.002	<0.005	<0.005
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	***<0.005***	***<0.005***
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	***172***	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	***47.6***	0.116	0.109	>0.55	0.49	0.43	0.26	0.25	0.363	0.18	0.19	0.234	0.13	0.13	0.05	0.049	0.039	0.108
	trans-1,2-dichloroethene	mg/L	0.000001			0.003	0.003	0.067	0.08	0.051	0.015	0.015	0.023	0.005	0.005	0.006	0.003	0.003	<0.001	<0.001	<0.005	<0.005
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,3-Dichloropropene	mg/L	0.001			<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	trans-1,3-dichloropropene	mg/L	0.001			<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,4-Dichloro-2-butene	mg/L	0.001			<0.001	<0.001						<0.005			<0.005					<0.005	<0.005
	trans-1,4-Dichloro-2-butene	mg/L	0.001			<0.001	<0.001						<0.005			<0.005					<0.005	<0.005
	Bromochloromethane	mg/L	0.0001					<0.0001	<0.0001	<0.001	<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	0.003	0.003	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.005
	Bromoethane	mg/L	0.0001					<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		
	Bromoethyne	mg/L	0.0001					<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	0.009	0.009	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001
	Bromomethane	mg/L	0.001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Carbon disulfide	mg/L	0.005			<0.005	<0.005						<0.005			<0.005					<0.005	<0.005
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	***0.00075***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.005***	<0.0007	<0.0007	***<0.005***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.005***	<0.00005
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	0.007	0.007	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.005
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.05***	<0.001	<0.001	***<0.05***	<0.001	<0.001	<0.001	<0.001	***<0.05***	***<0.05***
	Chloroform	mg/L	0.000001	**0.25**	***0.25***	0.067	0.066	0.004	0.005	<0.001	0.002	0.002	<0.005	0.001	0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Chloromethane	mg/L	0.001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Dibromomethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Dichloromethane	mg/L	0.01	**0.0397**	***0.0397***			***<0.1***	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	<0.01		
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Hexachloroethane	mg/L	0.0001			<0.002		<0.005	<0.0001													
	Iodomethane	mg/L	0.001			<0.001	<0.001						<0.005			<0.005					<0.005	<0.005
	Pentachloroethane	mg/L	0.0001			<0.005	<0.005	<0.005	<0.0001				<0.005			<0.005					<0.005	<0.005
	Trichloroethene	mg/L	0.000001	**0.0351**	***0.0351***	0.021	0.021	***0.14***	***0.17***	***0.17***	***0.067***	***0.064***	***0.085***	0.024	0.025	0.032	0.018	0.017	0.007	0.007	0.006	0.02
	Tetrabromoethane	mg/L	0.0001					<0.0001			<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		
	Tetrabromoethene	mg/L	0.0001					<0.0001			<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		
	Tetrachloroethene	mg/L	0.000001	**1.75**	***321***	0.028	0.028	0.041	0.063	0.064	0.021	0.018	0.035	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.01	0.015
	CHC (Sum of total)	mg/L	0.01																			
	Trichlorofluoromethane	mg/L	0.001			<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Trihalomethanes	mg/L				0.007 - 0.086	0.085	0.0005 - 0.00415	.0005 - 0.0051	<0.001	0.00215	0.00215	<0.0151	0.00115	0.00115	<0.0151	<0.0013	<0.0013	<0.0013	<0.0013	<0.02	<0.0151
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***			***0.0013***	<0.0001		<0.0001	<0.0001	0.00049	0.0007	0.0008	0.00038	<0.0001	<0.0001	<0.0001	<0.0001		0.00027
	Vinyl chloride	mg/L	0.000001	**0.0737**	***0.0737***	<0.01	<0.01	0.002	0.002	0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05

TABLE 2 - Lot 2

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*																
	Field_ID					MWG47	MWG47	Q5238-01	Q8114-02	8149-01	MWG48	MWG48	Q5238-03	Q8114-04	8149-03	MWG49	MWG49	Q4060-02	Q5655-02	Q5238-04	Q8120-01	Q9514-01
	Location_Code					MWG47	MWG47	MWG47	MWG47	MWG47	MWG48	MWG48	MWG48	MWG48	MWG48	MWG49	MWG49	MWG49	MWG49	MWG49	MWG49	MWG49
	Monitoring_Zone					Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2
	Sampled_Date_Time					22/09/2005	12/10/2006	25/05/2010	27/06/2011	18/06/2012	22/09/2005	12/10/2006	25/05/2010	27/06/2011	18/06/2012	22/09/2005	12/10/2006	19/03/2008	26/03/2009	25/05/2010	5/07/2011	4/07/2012
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001			<0.005					<0.005					<0.005						
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	***21.5***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001	**39.6**	***60.5***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001			<0.005					<0.005					<0.005						
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	***16.8***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001	**0.00373**	***0.00373***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.000001	**2.74**	***80.3***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.005					<0.005					<0.005						
	Pentachlorobenzene	mg/L	0.0001			<0.005					<0.005					<0.005						
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***0.015***	***0.006***	***0.015***	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of total)	mg/L	0.002																			
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05					<0.05	<0.05	<0.05			<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	0.01	<0.01
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	***325***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.05	**9.82**	***486***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	TPH+C10 - C36 (Sum of total) (Lab Reported)	mg/L	0.05																			
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.00005			<0.05	<0.05				<0.05	<0.05				<0.05	<0.05					
	C6 - C10 Fraction	mg/L	0.02																			
	C6 - C10 Fraction minus BTEX (F1)	mg/L	0.02																			
	>C10 - C16 Fraction	mg/L	0.1																			
	>C16 - C34 Fraction	mg/L	0.1																			
	>C34 - C40 Fraction	mg/L	0.1																			
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001																			
	1,1,1-Trichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.007	0.003	0.002	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tribromoethane	mg/L	0.0001																			
	1,1,2-Tribromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	0.0007	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				0.002	0.0017	0.0014	0.0016
	trans-1,2-Dibromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	0.0004	0.0004	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***			<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				0.002	0.0021	0.0018	0.0016
	1,1-Dichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	0.012	0.003	0.002	0.004	0.003	0.042	0.053	0.025	0.017	0.008	0.006	0.015
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	***172***	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.016	0.011	0.009	0.005	0.004	0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	***47.6***	<0.001	<0.001	<0.001	<0.001	<0.001	0.015	0.004	0.007	0.023	0.019	0.028	0.056	0.047	0.04	0.033	0.022	0.054
	trans-1,2-dichloroethene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001																			
	trans-1,4-Dichloro-2-butene	mg/L	0.001																			
	Bromochloromethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	0.0012
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.005																			
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	***0.00075***	***<0.001***	***<0.001***	<0.0007	***<0.001***	***<0.001***	***<0.001***	***<0.001***	<0.0007	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	<0.0007	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.000001	**0.25**	***0.25***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.044	0.026	0.022	0.011	0.01	<0.001	0.011
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	***0.0397***	***<0.1***	<0.01	<0.01	<0.01	<0.01	***<0.1***	<0.01	<0.01	<0.01	<0.01	***<0.1***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001			<0.005					<0.005					<0.005						
	Iodomethane	mg/L	0.001																			
	Pentachloroethane	mg/L	0.0001			<0.005					<0.005					<0.005						
	Trichloroethene	mg/L	0.000001	**0.0351**	***0.0351***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.004	0.003	***0.44***	***0.24***	***0.057***	***0.049***	0.025	***0.051***	***0.049***
	Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.000001	**1.75**	***321***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.076	0.041	0.046	0.026	0.014	0.012	0.032
	CHC (Sum of total)	mg/L	0.01			<0.01					<0.01					<0.01						
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.009	0.009	0.008	0.013	0.001	0.005
	Trihalomethanes	mg/L				<0.001	<0.001	<0.0013	<0.0013	<0.0013	<0.001	<0.001	<0.0013	<0.0013	<0.0013	0.0005 - 0.0455	0.0005 - 0.0275	0.0005 - 0.0235	0.01115	0.01015	<0.0013	0.01115
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***			<0.0001	<0.0001	<0.0001			<0.0001	<0.0001	<0.0001				<0.0001	***0.0022***	<0.0001	***0.0017***
	Vinyl chloride	mg/L	0.000001	**0.0737**	***0.0737***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2 - Lot 2

Field_ID																					
Location_Code																					
Monitoring_Zone																					
Sampled_Date_Time																					

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*	MWG54	Q4059-02	Q5654-05	Q5239-04	Q8115-01	Q8148-08	MWG57	Q4066-01	Q4066-02	Q4067-01	Q5660-01	Q5240-05	Q8114-01	Q8148-01	MWG59	Q4060-01	Q5655-01	Q5238-05
	Location_Code					MWG54	MWG54	MWG54	MWG54	MWG54	MWG54	MWG57	MWG57	MWG57	MWG57	MWG57	MWG57	MWG57	MWG57	MWG59	MWG59	MWG59	MWG59
	Monitoring_Zone					Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2
	Sampled_Date_Time					16/10/2006	19/03/2008	25/03/2009	26/05/2010	28/06/2011	14/06/2012	10/10/2006	1/04/2008	1/04/2008	1/04/2008	1/04/2009	27/05/2010	27/06/2011	14/06/2012	11/10/2006	19/03/2008	26/03/2009	25/05/2010
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001			<0.0001						<0.0001								<0.0001			
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	***21.5***	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001	**39.6**	***60.5***	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001 - 0.0001	<0.001	<0.001	0.002
	1,3,5-Trichlorobenzene	mg/L	0.0001			<0.0001						<0.0001								<0.0001			
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	***16.8***	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001 - 0.0003	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001	**0.00373**	***0.00373***	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	<0.001 - 0.0001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.000001	**2.74**	***80.3***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.0001						<0.0001								<0.0001			
	Pentachlorobenzene	mg/L	0.0001			<0.0001						<0.0001								<0.0001			
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of total)	mg/L	0.002																				
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05				<0.05	<0.05	<0.05	<0.05	<0.05		0.33	0.19		0.12	0.14	0.14	<0.05		<0.05	0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	0.17	1.17	0.12	0.14	0.14	<0.01	<0.01	<0.01	0.05	<0.01
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	***325***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.05	**9.82**	***486***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.155	0.07	0.15	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	TPH+C10 - C36 (Sum of total) (Lab Reported)	mg/L	0.05																				
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.00005			<0.05						<0.05								<0.05			
	C6 - C10 Fraction	mg/L	0.02																				
	C6 - C10 Fraction minus BTEX (F1)	mg/L	0.02																				
	>C10 - C16 Fraction	mg/L	0.1																				
	>C16 - C34 Fraction	mg/L	0.1																				
	>C34 - C40 Fraction	mg/L	0.1																				
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001			<0.0001						<0.0001								<0.0001			
	1,1,1-Trichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.004	0.006	0.003	0.002
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001
	Tribromoethane	mg/L	0.0001																				
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	0.0007
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001			0.0012		0.003	0.0033	0.0058	0.0039	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	0.045		0.061	0.078
	trans-1,2-Dibromoethene	mg/L	0.0001			0.0005		0.0006	0.0006	0.0019	0.0006	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	0.01		0.013	0.015
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***			0.0036	0.0039	0.0077	<0.0001					<0.0001	<0.0001	<0.0001	<0.0001			0.075	0.093
	1,1-Dichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.003	0.006	0.011	0.013
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.005***	<0.001	<0.001	<0.001	<0.001	0.001	***0.002***	***0.003***	***0.005***
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	***172***	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.021	0.033	0.064	0.029
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	***47.6***	<0.001	<0.001	<0.001	0.002	0.002	0.002	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.006	0.033	0.072	0.11
	trans-1,2-dichloroethene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001												<0.005								
	trans-1,4-Dichloro-2-butene	mg/L	0.001												<0.005								
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.005												<0.005								
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	***0.00075***	***<0.001***	***<0.001***	***<0.001***	<0.0007	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.005***	***<0.001***	<0.0007	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	<0.0007
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	***<0.05***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.000001	**0.25**	***0.25***	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.001	0.083	0.11	0.11	0.12
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	***0.0397***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001			<0.0001						<0.0001								<0.0001			
	Iodomethane	mg/L	0.001												<0.005								
	Pentachloroethane	mg/L	0.0001			<0.0001						<0.0001			<0.005					<0.0001			
	Trichloroethene	mg/L	0.000001	**0.0351**	***0.0351***	0.002	0.005	0.002	0.002	0.004	0.005	***0.89***	***1.4***	***1.3***	***0.959***	***0.77***	***0.46***	***0.4***	***1.1***	0.02	***0.044***	***0.056***	0.025
	Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001	<0.0001			<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001	<0.0001			<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.000001	**1.75**	***321***	0.013	0.021	0.012	0.006	0.011	0.014	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.002	0.003	0.045	0.09	0.1	0.054
	CHC (Sum of total)	mg/L	0.01																				
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	0.001	<0.001	0.002	0.005	0.005	0.007
	Trihalomethanes	mg/L				0.0005 - 0.00115	<0.001	<0.0013	<0.0013	<0.0013	<0.0013	<0.001	<0.001	<0.004	<0.005	<0.0013	<0.0013	<0.0013	0.00115	0.0005 - 0.08315	0.0005 - 0.1115	0.11015	0.12015
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	0.0006		***0.0059***	***0.054***
	Vinyl chloride	mg/L	0.000001	**0.0737**	***0.0737***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2 - Lot 2

Field_ID					Q8114-05	8149-05	Q5209-04	Q5240-01	Q8113-04	Q8148-07	Q5209-02	Q5240-02	Q8113-05	Q8148-02	Q5209-01	Q5240-03	Q8113-06	Q8148-05
Location_Code					MWG59	MWG59	MWG91A	MWG91A	MWG91A	MWG91A	MWG91B	MWG91B	MWG91b	MWG91B	MWG91C	MWG91C	MWG91c	MWG91C
Monitoring_Zone					Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2	Lot 2
Sampled_Date_Time					27/06/2011	18/06/2012	22/09/2009	27/05/2010	23/06/2011	14/06/2012	22/09/2009	27/05/2010	23/06/2011	14/06/2012	22/09/2009	27/05/2010	23/06/2011	14/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***													
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001															
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	***21.5***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001	**39.6**	***60.5***	0.003	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001															
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	***16.8***	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001	**0.00373**	***0.00373***	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.000001	**2.74**	***80.3***	0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001															
	Pentachlorobenzene	mg/L	0.0001															
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of total)	mg/L	0.002															
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05			0.18	<0.05		<0.05	0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.00001	**1920**		0.02	<0.01		<0.01	0.05	<0.01		<0.01	0.02	<0.01		<0.01	<0.01	<0.01
	TPH C10 - C14 Fraction	mg/L	0.00001	**0.655**	***325***	0.06	<0.01		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.05	**9.82**	***486***	0.09	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			0.175	<0.11		<0.11	<0.11	<0.11		<0.11	<0.11	<0.11		<0.11	<0.11	<0.11
	TPH+C10 - C36 (Sum of total) (Lab Reported)	mg/L	0.05															
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.00005															
	C6 - C10 Fraction	mg/L	0.02															
	C6 - C10 Fraction minus BTEX (F1)	mg/L	0.02															
	>C10 - C16 Fraction	mg/L	0.1															
	>C16 - C34 Fraction	mg/L	0.1															
	>C34 - C40 Fraction	mg/L	0.1															
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001															
	1,1,1-Trichloroethane	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	Tribromoethane	mg/L	0.0001															
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001			0.036	0.037		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001			0.013	0.0055		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***	0.049	0.043		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.000001			0.023	0.025	<0.001	<0.001	0.002	0.002	0.002	<0.001	0.001	<0.001	0.001	0.001	0.002	<0.001
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	***0.005***	***0.006***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.000001	**3.51**	***172***	0.012	0.018	<0.001	<0.001	0.001	<0.001	0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.000001	**3.17**	***47.6***	0.14	0.17	0.001	0.001	0.002	0.002	0.001	0.001	0.004	<0.001	<0.001	<0.001	<0.001	0.001
	trans-1,2-dichloroethene	mg/L	0.000001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001															
	trans-1,4-Dichloro-2-butene	mg/L	0.001															
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001			<0.0001	0.0011		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.005															
	Carbon tetrachloride	mg/L	0.00005	**0.00075**	***0.00075***	***<0.001***	***<0.001***	<0.0001	<0.0007	***<0.001***	***<0.001***	<0.0001	<0.0007	***<0.001***	***<0.001***	<0.0001	<0.0007	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.000001	**0.25**	***0.25***	0.096	0.093	<0.001	0.001	<0.001	0.003	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	***0.0397***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001															
	Iodomethane	mg/L	0.001															
	Pentachloroethane	mg/L	0.0001															
	Trichloroethene	mg/L	0.000001	**0.0351**	***0.0351***	0.019	0.03	***0.048***	***0.59***	***0.2***	***1.1***	0.029	***0.23***	***0.047***	***0.094***	0.001	0.009	0.007	0.024
	Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.000001	**1.75**	***321***	0.029	0.062	0.005	0.004	0.01	0.01	0.005	0.005	0.014	0.003	0.001	0.002	0.002	0.003
	CHC (Sum of total)	mg/L	0.01															
	Trichlorofluoromethane	mg/L	0.001			0.002	0.003	0.001	0.003	0.004	0.001	0.002	0.006	0.004	<0.001	<0.001	0.003	0.002	<0.001
	Trihalomethanes	mg/L				0.09615	0.09315	<0.004	0.00115	<0.0013	0.00315	0.0025	0.00115	<0.0013	<0.0013	<0.004	<0.0013	<0.0013	<0.0013
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***	***0.018***	***0.028***		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.000001	**0.0737**	***0.0737***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 3 - Southwest Industrial Groundwater Analytical Results

Field_ID					MWG65	Q4059-04	Q5658-05	Q5239-05	Q8115-05	Q8145-03	Q4061-02	Q5659-01	Q5237-03	Q8113-02
Location_Code					MWG65	MWG65	MWG65	MWG65	MWG65	MWG65	MWG69	MWG69	MWG69	MWG69
Well					Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial
Sampled_Date_Time					16/10/2006	19/03/2008	30/03/2009	26/05/2010	28/06/2011	19/06/2012	25/03/2008	31/03/2009	24/05/2010	23/06/2011
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***									
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001			<0.0001						<0.0001			
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	***21.5***	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001	**39.6**	***60.5***	<0.001 - 0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001			<0.0001						<0.0001			
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	***16.8***	<0.001 - 0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001	**0.00373**	***0.00373***	<0.001 - 0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.001	**2.74**	***80.3***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.0001						<0.0001			
	Pentachlorobenzene	mg/L	0.0001			<0.0001						<0.0001			
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	0.002	0.002	<0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Total MAHs	mg/L				0.0045	0.0045	<0.006	0.0035	<0.006	0.0035	<0.006	<0.006	<0.006	<0.006
	Naphthalene	mg/L	0.0001	**1.89**	***23.7***	<0.001 - 0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.01	**1920**		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C10 - C14 Fraction	mg/L	0.01	**0.655**	***325***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.05	**9.82**	***486***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.05			<0.05									
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001			<0.0001									
	1,1,1-Trichloroethane	mg/L	0.001			0.001	0.001	<0.001	<0.001	0.005	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001			0.0009		<0.0001	0.0006	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001			<0.0001		<0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***			<0.0001	0.0008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.001			0.011	0.005	0.003	0.009	0.005	0.004	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.001	**3.51**	***172***	0.003	0.002	0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.001	**3.17**	***47.6***	0.032	0.023	0.006	0.026	0.014	0.016	<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon tetrachloride	mg/L	0.0007	**0.00075**	***0.00075***	*<0.001*	*<0.001*	*<0.001*	<0.0007	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.001	**0.25**	***0.25***	0.008	0.005	0.003	0.008	<0.001	0.003	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	***0.0397***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001			<0.0001						<0.0001			
	Pentachloroethane	mg/L	0.0001			<0.0001						<0.0001			
	Trichloroethene	mg/L	0.001	**0.0351**	***0.0351***	0.011	0.012	0.005	0.01	0.013	0.008	<0.001	<0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.001	**1.75**	***321***	0.028	0.026	0.016	0.014	0.02	0.01	<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			0.016	0.008	0.004	0.009	0.004	0.002	<0.001	<0.001	<0.001	<0.001
	Trihalomethanes	mg/L				0.0005 - 0.00815	0.0005 - 0.0065	0.00315	0.00815	<0.0013	0.00315	<0.001	<0.0013	<0.0013	<0.0013
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.001	**0.0737**	***0.0737***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 3 - Southwest Industrial Groundwater Analytical Results

Field_ID				8147-03	Q4061-03	Q4981-01	Q5659-02	Q5237-05	Q8113-01	8147-04
Location_Code				MWG69	MWG70	MWG70	MWG70	MWG70	MWG70	MWG70
Well				Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial	Southwest Industrial
Sampled_Date_Time				13/06/2012	25/03/2008	13/10/2008	31/03/2009	24/05/2010	23/06/2011	13/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Site and Lot 2**	***Risk Based Criteria Site and Lot 2 with Inhalation***					
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001				<0.0001					
	1,2,4-Trichlorobenzene	mg/L	0.0001	**0.76**	***21.5***	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001	**39.6**	***60.5***	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001				<0.0001					
	1,3-Dichlorobenzene	mg/L	0.0001	**16.8**	***16.8***	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001	**0.00373**	***0.00373***	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.001	**2.74**	***80.3***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001				<0.0001					
	Pentachlorobenzene	mg/L	0.0001				<0.0001					
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Total MAHs	mg/L				<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
	Naphthalene	mg/L	0.0001	**1.89**	***23.7***	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.01	**1920**		<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
	TPH C10 - C14 Fraction	mg/L	0.01	**0.655**	***325***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.05	**9.82**	***486***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.05									
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001									
	1,1,1-Trichloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.001	**3.51**	***172***	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.001	**3.17**	***47.6***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon tetrachloride	mg/L	0.0007	**0.00075**	***0.00075***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
	Chloroform	mg/L	0.001	**0.25**	***0.25***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01	**0.0397**	***0.0397***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001				<0.0001					
	Pentachloroethane	mg/L	0.0001				<0.0001					
	Trichloroethene	mg/L	0.001	**0.0351**	***0.0351***	<0.001	***0.22***	***0.3***	***0.24***	***0.13***	***0.065***	***0.12***
	Tetrabromoethane	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001			<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.001	**1.75**	***321***	0.001	0.004	0.002	0.001	<0.001	0.003	0.004
	Trichlorofluoromethane	mg/L	0.001			<0.001	0.003	0.002	<0.001	<0.001	0.004	0.001
	Trihalomethanes	mg/L				<0.0013	<0.001	<0.004	<0.0013	<0.0013	<0.0013	<0.0013
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.001	**0.0737**	***0.0737***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

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TABLE 4 - Upgradient Groundwater Analytical Results

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*	MWG45	MWG45	MWG45	Q5653-02	Q5237-01	Q8117-02	8146-01	MWG46	MWG46	MWG46	Q5653-01	Q5237-02	Q8117-01	8146-03
					Location_Code	MWG45	MWG45	MWG45	MWG45	MWG45	MWG45	MWG45	MWG46	MWG46	MWG46	MWG46	MWG46	MWG46	MWG46
					Well	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street	Irwin Street
					Sampled_Date_Time	21/02/2005	20/09/2005	26/09/2006	24/03/2009	24/05/2010	29/06/2011	17/06/2012	21/02/2005	20/09/2005	10/10/2006	24/03/2009	24/05/2010	29/06/2011	17/06/2012
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.005				<0.005							<0.005					
	1,2,4-Trichlorobenzene	mg/L	0.001	**0.76**	***21.5***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.001	**39.6**	***60.5***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.005				<0.005							<0.005					
	1,3-Dichlorobenzene	mg/L	0.001	**16.8**	***16.8***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.001	**0.00373**	***0.00373***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.001	**2.74**	***80.3***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.00001			<0.00001	<0.005						<0.00001	<0.005					
	Pentachlorobenzene	mg/L	0.005				<0.005							<0.005					
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**2.11**	***11***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**2.76**	***8.65***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.00274**	***0.00274***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**9.33**	***3440***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**4.16**	***534***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001	**0.595**	***42.2***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**4.5**	***529***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.9**	***585***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**28.8**	***382***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**89**	***122***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.002	**89**	***122***	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Total MAHs	mg/L				<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
PAH	Naphthalene	mg/L	0.001	**1.89**	***23.7***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05						<0.05	<0.05	<0.05	<0.05				<0.05	<0.05	<0.05	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.01	**1920**		<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C10 - C14 Fraction	mg/L	0.01	**0.655**	***325***	0.028	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	TPH C15 - C28 Fraction	mg/L	0.025	**9.82**	***486***	<0.025	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.025	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	**13.1**	***46200***	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Calculated)	mg/L	0.11			0.0905	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.05				<0.05	<0.05						<0.05	<0.05				
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1,1-Trichloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**0.00267**	***0.00267***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001	**1.46**	***54.2***				<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.001	**0.00126**	***0.00126***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.001	**3.51**	***172***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.001	**3.17**	***47.6***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromochloromethane	mg/L	0.0001			<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***0.25***	0.013	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	0.0014	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.25***	0.024	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	0.0021	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon tetrachloride	mg/L	0.001	**0.00075**	***0.00075***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***0.25***	0.03	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	0.0028	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001	**0.0118**	***0.0118***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.001	**0.25**	***0.25***	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			0.0098	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0042	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.001	**0.0397**	***0.0397***	<0.001	***<0.1***	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	***<0.1***	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.005			<0.02	<0.005						<0.02	<0.005					
	Other Chlorinated Hydrocarbons (IWRG)	mg/l	0.023			0.041	<0.125	<0.023	<0.023	<0.023	<0.023	<0.023	<0.071	<0.125	<0.023	<0.023	<0.023	<0.023	<0.023
	Pentachloroethane	mg/L	0.005				<0.005							<0.005					
	Trichloroethene	mg/L	0.001	**0.0351**	***0.0351***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001						<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.001	**1.75**	***321***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Trihalomethanes	mg/L				0.03 - 0.073	<0.001	<0.001	<0.0013	<0.0013	<0.0013	<0.0013	0.0028 - 0.0068	<0.001	<0.001	<0.0013	<0.0013	<0.0013	<0.0013
	Vinyl bromide (bromoethene)	mg/L	0.0001	**0.00113**	***0.00113***				<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.001	**0.0737**	***0.0737***	0.046	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

* A range of results indicates that the laboratory reported different concentrations for the same analyte due to different laboratory methods used for analysis
** For some analytical results, the LOR was raised due to interference with other analytes

TABLE 5 - Hanson Groundwater Analytical Results

Field_ID	MWG64	Q4060-03	Q5658-04	Q5211-04 Filtered	Q5241-04	Q8118-04	Q8145-05
Location_Code	MWG64	MWG64	MWG64	MWG64	MWG64	MWG64	MWG64
Well	Hanson	Hanson	Hanson	Hanson	Hanson	Hanson	Hanson
Sampled_Date_Time	9/10/2006	19/03/2008	30/03/2009	23/09/2009	31/05/2010	30/06/2011	19/06/2012

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria May 08 Hanson	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*							
Heavy Metals	Aluminium	mg/L	0.001		309	*309*			0.041				
	Aluminium (Filtered)	mg/L	0.001		309	*309*	<0.001 - 0.013				0.011	0.005	0.003
	Arsenic	mg/L	0.0005		0.00241	*0.00241*			*0.049*	*0.011*			
	Arsenic (Filtered)	mg/L	0.0002		0.00241	*0.00241*	*0.013 - 0.017*				*0.07*	*0.057*	<0.0005
	Cadmium	mg/L	0.0001		0.309	*0.309*			<0.0001	<0.0005			
	Cadmium (Filtered)	mg/L	0.00005		0.309	*0.309*	<0.00005				<0.0002	<0.0005	<0.0002
	Chromium	mg/L	0.0002		0.928	*0.928*			<0.0002	<0.001			
	Chromium (Filtered)	mg/L	0.0002		0.928	*0.928*	<0.0002				<0.001	0.001	<0.001
	Cobalt	mg/L	0.001							0.011			
	Copper	mg/L	0.0005						<0.0005	<0.001			
	Copper (Filtered)	mg/L	0.0005				<0.0005 - 0.0022				<0.001	<0.001	
	Iron (ferrous)	mg/L	0.05				42 - 47		20				
	Iron	mg/L	0.001		217	*217*			32				
	Iron (Filtered)	mg/L	0.001		217	*217*	54.3 - 59				26	30	0.078
	Lead	mg/L	0.001						<0.001	<0.001			
	Lead (Filtered)	mg/L	0.0001				<0.0001				<0.001	<0.001	<0.001
	Manganese	mg/L	0.001		14.2	*14.2*			0.1				
	Manganese (Filtered)	mg/L	0.001		14.2	*14.2*	1.33 - 1.4				0.069	0.078	0.19
	Mercury	mg/L	0.0001						<0.0001				
	Mercury (Filtered)	mg/L	0.00001				<0.00001				<0.00006	<0.0005	<0.00005
	Nickel	mg/L	0.001		3.86	*3.86*			0.002	0.014			
	Nickel (Filtered)	mg/L	0.0002		3.86	*3.86*	0.024 - 0.028				0.004	0.003	0.001
	Zinc	mg/L	0.001						0.34	0.73			
	Zinc (Filtered)	mg/L	0.0005				0.005 - 0.018				0.006	<0.001	0.002
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001				<0.0001						
	1,2,4-Trichlorobenzene	mg/L	0.0001		0.76	*21.5*	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001	12500	39.6	*60.5*	<0.05 - 0.005	0.004	0.003		0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001				<0.0001						
	1,3-Dichlorobenzene	mg/L	0.0001		16.8	*16.8*	<0.001 - 0.0002	<0.001	<0.001		<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001		0.00373	*0.00373*	<0.001 - 0.0006	<0.001	<0.001		<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001				<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.001		2.74	*80.3*	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001				<0.0001						
	Pentachlorobenzene	mg/L	0.0001				<0.0001						
MAH	1,2,4-trimethylbenzene	mg/L	0.001	3160	2.11	*11*	<0.05 - 0.052	0.029	0.001		<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001		2.76	*8.65*	<0.05 - 0.016	0.008	<0.001		<0.001	<0.001	<0.001
	Benzene	mg/L	0.001		0.00274	*0.00274*	*<0.01 - 0.003*	*0.003*	0.001		0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.0001	1.08E6	9.33	*3440*	0.108 - 0.17	0.081	0.001		<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001		4.16	*534*	<0.05 - 0.004	0.002	<0.001		<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001		0.595	*42.2*	<0.05 - 0.005	<0.001	<0.001		<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	175000	4.5	*529*	<0.05 - 0.002	<0.001	<0.001		<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Styrene	mg/L	0.001		0.9	*585*	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Toluene	mg/L	0.0001	117000	28.8	*382*	0.212 - 0.37	0.003	<0.001		<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.0001		89	*122*	0.064 - 0.12	0.015	<0.001		<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0001		89	*122*	0.064 - 0.16	0.002	<0.001		<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.002	42600	89	*122*	0.158 - 0.28	0.017	<0.002		<0.002	<0.002	<0.002
	Naphthalene	mg/L	0.00005		1.89	*23.7*	<0.07 - 0.0018	<0.001	<0.001		<0.001	<0.001	<0.001
Total Petroleum Hydrocarbons	Total C6-C36	mg/L	0.05					1	0.32		0.18	0.1	<0.05
	TPH C 6 - C 9 Fraction	mg/L	0.0001	743000	1920		0.72 - 1.6	0.22	0.08		<0.01	<0.01	<0.01
	TPH C10 - C14 Fraction	mg/L	0.0001	126000	0.655	*325*	0.54 - 1.46	0.68	0.15		0.18	0.05	<0.01
	TPH C15 - C28 Fraction	mg/L	0.0001	188000	9.82	*486*	<0.05 - 0.3	0.12	0.1		<0.05	0.05	<0.05
	TPH C29-C36 Fraction	mg/L	0.05	1.73E7	13.1	*46200*	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/L	0.05				2 - 2.3						
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001				<0.0001						
	1,1,1-Trichloroethane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	0.331	0.00267	*0.00267*	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001				<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001				<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001				0.001		<0.0001		0.0004	0.0033	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001				<0.0001		<0.0001		<0.0001	0.0007	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001		1.46	*54.2*			<0.0001		0.0004	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.0001				0.052 - 0.073	0.035	0.032		0.016	0.019	<0.001
	1,2-Dichloroethane	mg/L	0.001		0.00126	*0.00126*	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.001		3.51	*172*	<0.05 - 0.011	0.004	0.007		0.004	0.004	<0.001
	cis-1,2-Dichloroethene	mg/L	0.0001	10400	3.17	*47.6*	0.162 - 0.2	0.13	0.13		0.14	0.13	<0.001
	trans-1,2-dichloroethene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001

TABLE 5 - Hanson Groundwater Analytical Results

Field_ID	MWG64	Q4060-03	Q5658-04	Q5211-04 Filtered	Q5241-04	Q8118-04	Q8145-05
Location_Code	MWG64	MWG64	MWG64	MWG64	MWG64	MWG64	MWG64
Well	Hanson	Hanson	Hanson	Hanson	Hanson	Hanson	Hanson
Sampled_Date_Time	9/10/2006	19/03/2008	30/03/2009	23/09/2009	31/05/2010	30/06/2011	19/06/2012

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria May 08 Hanson	Risk Based Criteria Site and Lot 2	*Risk Based Criteria Site and Lot 2 with Inhalation*							
	cis-1,3-Dichloropropene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.05				<0.05						
	trans-1,4-Dichloro-2-butene	mg/L	0.05				<0.05						
	Bromochloromethane	mg/L	0.0001				<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001		**0.25**	***0.25***	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001		**0.25**	***0.25***	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.05				<0.05						
	Carbon tetrachloride	mg/L	0.0007		**0.00075**	***0.00075***	***<0.001***	***<0.001***	***<0.001***		<0.0007	***<0.001***	***<0.001***
	Chlorodibromomethane	mg/L	0.0001		**0.25**	***0.25***	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001		**0.0118**	***0.0118***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Chloroform	mg/L	0.001	**0.25**	**0.25**	***0.25***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001				<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001				<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.01		**0.0397**	***0.0397***	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001				<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001				<0.0001						
	Iodomethane	mg/L	0.05				<0.05						
	Pentachloroethane	mg/L	0.0001				<0.0001						
	Trichloroethene	mg/L	0.001	**11**	**0.0351**	***0.0351***	<0.05 - 0.011	0.011	0.003		0.002	0.006	<0.001
	Tetrabromoethane	mg/L	0.0001						<0.0001		<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001						<0.0001		<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.001	**110000**	**1.75**	***321***	<0.05 - 0.011	0.004	0.003		0.003	0.007	<0.001
	Trichlorofluoromethane	mg/L	0.001				<0.5 - 0.004	<0.001	0.001		<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001		**0.00113**	***0.00113***	***0.011 - 0.012***		<0.0001		<0.0001	***0.012***	<0.0001
	Vinyl chloride	mg/L	0.001		**0.0737**	***0.0737***	<0.5 - 0.002	0.002	<0.001		0.001	<0.001	<0.001

TABLE 6 - Damplands Groundwater Analytical results

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Damplands Excluding Swimming	Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria	MW36	MW36	MW36	MW36	MW36	MW36	MW36	Q4068-03	Q5664-01	Q5677-01	Q5207-03	Q5244-02	Q8111-04	Q9502-04	MWG60
	Location_Code					MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MWG60
	Well					Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
	Sampled_Date_Time					7/03/2003	12/12/2003	10/03/2004	10/06/2004	14/09/2004	18/09/2005	20/09/2006	3/04/2008	6/04/2009	23/06/2009	17/09/2009	2/06/2010	20/06/2011	21/06/2012	28/09/2006
	Nitrate (as N)	mg/L	0.005		*7*						<0.01	<1	<0.2	<1			<0.01	<1	<0.01	<1
Heavy Metals	Aluminium	mg/L	0.001	**309**	***0.055***									<0.001						
	Aluminium (Filtered)	mg/L	0.001	**309**	***0.055***						0.003	<0.001	<0.001				0.006	0.005	0.004	0.045
	Arsenic	mg/L	0.0002		***0.013***									<0.0005		<0.0005				
	Arsenic (Filtered)	mg/L	0.0002		***0.013***						<0.0005	0.0006	0.0008				<0.0005	<0.0005	<0.0005	<0.0002
	Cadmium	mg/L	0.00005		***0.0002***									<0.0001		<0.0001				
	Cadmium (Filtered)	mg/L	0.00005		***0.0002***						***<0.0005***	<0.00005	<0.00005				<0.0002	<0.0002	<0.0002	<0.00005
	Chromium	mg/L	0.0002		***0.001***									<0.0002		***0.001***				
	Chromium (Filtered)	mg/L	0.0002		***0.001***						<0.001	<0.0002	0.0002				<0.001	<0.001	<0.001	0.0002
	Cobalt	mg/L	0.001																	
	Copper	mg/L	0.0005		***0.0014***									***0.0019***		***0.002***				
	Copper (Filtered)	mg/L	0.0005		***0.0014***							<0.0005	0.0005				<0.001	0.001		0.0005
	Iron (ferric)	mg/L	0.05																	
	Iron (ferrous)	mg/L	0.05								15	10	13	12						0.5
	Iron	mg/L	0.001	**217**	***0.3***									***17***		***17***				
	Iron (Filtered)	mg/L	0.001	**217**	***0.3***						***16***	***14***	***17***				***16***	***17***	***14***	***0.99***
	Lead	mg/L	0.0001		***0.0034***									<0.001		<0.001				
	Lead (Filtered)	mg/L	0.0001		***0.0034***						<0.001	<0.0001	<0.0001				<0.001	<0.001	<0.001	<0.0001
	Manganese	mg/L	0.001	**14.2**	***1.9***									0.25						
	Manganese (Filtered)	mg/L	0.001	**14.2**	***1.9***						0.25	0.29	0.29				0.27	0.27	0.22	***2***
	Mercury	mg/L	0.00001		***0.00006***									***<0.0001***		<0.00001				
	Mercury (Filtered)	mg/L	0.00001		***0.00006***						***<0.0005***	<0.00001	<0.00001				<0.00006	<0.00005	<0.00005	<0.00001
	Nickel	mg/L	0.0002	**3.86**	***0.011***									<0.001		<0.001				
	Nickel (Filtered)	mg/L	0.0002	**3.86**	***0.011***						<0.001	<0.0002	0.0002				<0.001	0.007	<0.001	0.0007
	Zinc	mg/L	0.0005		***0.008***									0.002		0.002				
	Zinc (Filtered)	mg/L	0.0005		***0.008***						***0.045***	0.0012	0.0021				0.002	***0.037***	0.003	***0.011***
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005		***0.003***	<0.0005	***<0.005***	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001								<0.005									<0.0001
	1,2,4-Trichlorobenzene	mg/L	0.0001		***0.085***	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001
	1,2-Dichlorobenzene	mg/L	0.0001		***0.16***	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001
	1,3,5-Trichlorobenzene	mg/L	0.0001								<0.005									<0.0001
	1,3-Dichlorobenzene	mg/L	0.0001			<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001
	1,4-Dichlorobenzene	mg/L	0.0001		***0.06***	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001
	2-Chlorotoluene	mg/L	0.0005		***0.003***	<0.0005	***<0.005***	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005		***0.003***	<0.0005	***<0.005***	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.0005		***0.055***	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.004	<0.004	<0.004	<0.004	<0.004	<0.005									<0.0001
	Pentachlorobenzene	mg/L	0.0001			<0.002	<0.002	<0.002	<0.002	<0.002	<0.005									<0.0001
MAH	1,2,4-trimethylbenzene	mg/L	0.0001		***0.033***	<0.001	<0.005	<0.001	<0.001	0.006	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.0001		***0.071***	<0.001	<0.005	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.0005		***0.95***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.0001		***0.08***	<0.001	<0.005	<0.001	<0.001	0.013	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.0005		***0.03***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.0001			<0.001	<0.005	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.0005		***0.085***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.0005		***0.072***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.0001		***0.3***	0.006 - 0.007	<0.005	<0.001	<0.001	0.012	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.0001		***0.275***	0.002	<0.005	<0.001	<0.001	0.061	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0001		***0.35***	<0.001	<0.005	<0.001	<0.001	0.017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.0002			0.0025	<0.01	<0.002	<0.002	0.078	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
	Naphthalene	mg/L	0.0001		***0.016***	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001																	<0.0001
	1,1,1-Trichloroethane	mg/L	0.0005		***0.27***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.0005		***6.5***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001		***0.59***									<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	
	1,1-Dichloroethane	mg/L	0.0005		***0.09***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.0005		***1.9***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.0005		***0.7***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.0005		***0.26***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.0005			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.0005			<0.002	<0.01	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.0005			<0.002	<0.01	<0.002	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001			<0.001	<0.005	<0.001	<0.001	<0.001										
	trans-1,4-Dichloro-2-butene	mg/L	0.001			<0.001	<0.005	<0.001	<0.001	<0.001										
	Allyl chloride	mg/L	0.002																	
	Bromochloromethane	mg/L	0.0001								<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***1.6***	0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.32***	0.014	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.002		***0.02***	<0.005	<0.005	<0.005	<0.005	<0.005										

TABLE 6 - Damplands Groundwater Analytical results

					Field_ID	MW36	MW36	MW36	MW36	MW36	MW36	MW36	Q4068-03	Q5664-01	Q5677-01	Q5207-03	Q5244-02	Q8111-04	Q9502-04	MWG60
					Location_Code	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MWG60
					Well	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
					Sampled_Date_Time	7/03/2003	12/12/2003	10/03/2004	10/06/2004	14/09/2004	18/09/2005	20/09/2006	3/04/2008	6/04/2009	23/06/2009	17/09/2009	2/06/2010	20/06/2011	21/06/2012	28/09/2006
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Damplands Excluding Swimming**	***Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria***															
	Carbon tetrachloride	mg/L	0.0001		***0.24***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.0007	<0.001	<0.001	<0.001
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***1400***	0.002	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001			<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.0005	**0.25**	***0.37***	0.008	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.005		***4***						<0.1	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001
	Hexachloroethane	mg/L	0.0001			<0.002	<0.002	<0.002	<0.002	<0.002	<0.005									<0.0001
	Iodomethane	mg/L	0.001			<0.001	<0.005	<0.001	<0.001	<0.001										
	Pentachloroethane	mg/L	0.0001			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									<0.0001
	Trichloroethene	mg/L	0.0005	**0.0847**	***0.33***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	
	Tetrabromoethene	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	
	Tetrachloroethene	mg/L	0.0001	**1.75**	***0.07***	<0.001	<0.005	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001											<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.0003		***0.1***	<0.01	<0.05	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001

TABLE 6 - Damplands Groundwater Analytical results

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Damplands Excluding Swimming	Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria	Q4068-05	Q5663-03	Q5677-06	Q5244-05	Q8109-01	Q8520-02	Q9503-02	Q9502-05	MWG62	Q4058-01	Q5658-01	Q5210-01	Q5239-01	Q8111-02	8147-01
	Location_Code					MWG60	MWG60	MWG60	MWG60	MWG60	MWG60	MWG60	MWG60	MWG62	MWG62	MWG62	MWG62	MWG62	MWG62	MWG62
	Well					Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
	Sampled_Date_Time					3/04/2008	6/04/2009	23/06/2009	2/06/2010	19/06/2011	28/03/2012	21/06/2012	21/06/2012	11/10/2006	17/03/2008	30/03/2009	22/09/2009	26/05/2010	20/06/2011	13/06/2012
	Nitrate (as N)	mg/L	0.005		7	<0.2	<1		<0.01		<0.005		<0.01	23	8	10		9.6	2	3.7
Heavy Metals	Aluminium	mg/L	0.001	309	0.055		0.005		0.004						0.088	0.51	0.055			
	Aluminium (Filtered)	mg/L	0.001	309	0.055	<0.001				<0.001			<0.001	<0.001				0.16	0.045	0.019
	Arsenic	mg/L	0.0002		0.013		<0.0005		<0.0005						<0.0002	<0.0005	0.0005			
	Arsenic (Filtered)	mg/L	0.0002		0.013	0.0011				<0.0005			<0.0005	0.0006				0.0008	<0.0005	<0.0005
	Cadmium	mg/L	0.00005		0.0002		<0.0001		<0.0002						0.0002	<0.0001	<0.0005			
	Cadmium (Filtered)	mg/L	0.00005		0.0002	<0.00005				<0.0002			<0.0002	<0.00005				<0.0002	<0.0002	<0.0002
	Chromium	mg/L	0.0002		0.001		<0.0002		<0.001						0.0004	0.001	0.001			
	Chromium (Filtered)	mg/L	0.0002		0.001	<0.0002				<0.001			<0.001	0.0003				<0.001	0.001	<0.001
	Cobalt	mg/L	0.001														0.003			
	Copper	mg/L	0.0005		0.0014		<0.0005		0.001						0.0011	0.0013	<0.001			
	Copper (Filtered)	mg/L	0.0005		0.0014	<0.0005				<0.001				<0.0005				0.001	0.003	
	Iron (ferric)	mg/L	0.05																	
	Iron (ferrous)	mg/L	0.05			1.5	1.5							0.45	0.06	<0.1				
	Iron	mg/L	0.001	217	0.3		2		1.3						0.068	0.43				
	Iron (Filtered)	mg/L	0.001	217	0.3	2				1.7			2	0.45				0.029	0.006	0.01
	Lead	mg/L	0.0001		0.0034		<0.001		<0.001						0.0004	<0.001	<0.001			
	Lead (Filtered)	mg/L	0.0001		0.0034	<0.0001				<0.001			<0.001	<0.0001				<0.001	<0.001	<0.001
	Manganese	mg/L	0.001	14.2	1.9		0.13		0.078						0.09	0.077				
	Manganese (Filtered)	mg/L	0.001	14.2	1.9	0.18				0.097			0.13	0.39				0.086	0.04	0.024
	Mercury	mg/L	0.00001		0.00006		<0.0001		<0.00006						<0.00001	<0.0001	<0.00001			
	Mercury (Filtered)	mg/L	0.00001		0.00006	<0.00001				<0.00005			<0.00005	<0.00001				<0.00006	<0.00005	<0.00005
	Nickel	mg/L	0.0002	3.86	0.011		<0.001		0.001						0.012	0.004	0.003			
	Nickel (Filtered)	mg/L	0.0002	3.86	0.011	0.0014				<0.001			<0.001	0.0051				0.004	0.006	0.002
	Zinc	mg/L	0.0005		0.008		0.002		0.003						0.21	0.29	0.33			
	Zinc (Filtered)	mg/L	0.0005		0.008	0.004				<0.001			<0.001	0.014				0.009	0.045	0.005
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005		0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001											<0.0001						
	1,2,4-Trichlorobenzene	mg/L	0.0001		0.085	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001		0.16	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001											<0.0001						
	1,3-Dichlorobenzene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001		0.06	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003		<0.001	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0005		0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005		0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005		<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.0005		0.055	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001											<0.0001						
	Pentachlorobenzene	mg/L	0.0001											<0.0001						
MAH	1,2,4-trimethylbenzene	mg/L	0.0001		0.033	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.0001		0.071	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Benzene	mg/L	0.0005		0.95	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.0001		0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.0005		0.03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.0005		0.085	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Styrene	mg/L	0.0005		0.072	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Toluene	mg/L	0.0001		0.3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.0001		0.275	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0001		0.35	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.0002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.0015		<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
	Naphthalene	mg/L	0.0001		0.016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001				<0.0001		<0.0001	<0.0001		<0.001	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001											<0.0001						
	1,1,1-Trichloroethane	mg/L	0.0005		0.27	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.0005		6.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001				<0.0001		<0.0001	<0.0001			<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001				<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005		<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005		<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001		0.59		<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001				<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001				<0.0001		<0.0001	<0.0001		<0.0001	<0.0001			<0.0001		<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.0005		0.09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.0005		1.9	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.0005		0.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.0005			0.001	0.003	0.003	0.005	0.006	0.0033		0.002	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.0005		0.26	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001								<0.001									
	trans-1,4-Dichloro-2-butene	mg/L	0.001								<0.001									
	Allyl chloride	mg/L	0.002								<0.002									
	Bromochloromethane	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005		<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	0.25	1.6	<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005		<0.0001	<0.0001	<0.001	<0.0001		<0.001 - 0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001				<0.0001		<0.0001	<0.0001			<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001				<0.0001		<0.0001	<0.0001			<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	0.25	0.32	<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.01		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.002		0.02						<0.002									

TABLE 6 - Damplands Groundwater Analytical results

Field_ID															
Location_Code															
Well															
Sampled_Date_Time															

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria Damplands Excluding Swimming	*Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria*	Q4068-05	Q5663-03	Q5677-06	Q5244-05	Q8109-01	Q8520-02	Q9503-02	Q9502-05	MWG62	Q4058-01	Q5658-01	Q5210-01	Q5239-01	Q8111-02	8147-01
						MWG60	MWG60	MWG60	MWG60	MWG60	MWG60	MWG60	MWG60	MWG62	MWG62	MWG62	MWG62	MWG62	MWG62	MWG62
						Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
						3/04/2008	6/04/2009	23/06/2009	2/06/2010	19/06/2011	28/03/2012	21/06/2012	21/06/2012	11/10/2006	17/03/2008	30/03/2009	22/09/2009	26/05/2010	20/06/2011	13/06/2012
	Carbon tetrachloride	mg/L	0.0001		*0.24*	<0.001	<0.001	<0.001	<0.0007	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.0007	<0.001	<0.001
	Chlorodibromomethane	mg/L	0.0001	**0.25**	*1400*	<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005		<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Chloroform	mg/L	0.0005	**0.25**	*0.37*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	0.001	0.001		<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.001	<0.0001	<0.001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.005		*4*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001											<0.0001						
	Iodomethane	mg/L	0.001								<0.005									
	Pentachloroethane	mg/L	0.0001											<0.0001						
	Trichloroethene	mg/L	0.0005	**0.0847**	*0.33*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	0.008	0.004	0.002		0.007	0.082	**0.13**
	Tetrabromoethane	mg/L	0.0001				<0.0001		<0.0001	<0.0001			<0.0001			<0.0001		<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001				<0.0001		<0.0001	<0.0001			<0.0001			<0.0001		<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.0001	**1.75**	*0.07*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001				<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.0003		*0.1*	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0003		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001

TABLE 6 - Damplands Groundwater Analytical results

Field_ID																			
Location_Code			MWG63	Q4064-01	Q5658-02	Q5210-02	Q5239-03	Q8111-01	8147-02	Q4068-02	Q4982-10	Q5663-02	Q5677-04	Q5244-03	Q5244-04	Q8109-02	Q9502-06	Q4068-01
Well			MWG63	MWG63	MWG63	MWG63	MWG63	MWG63	MWG63	MWG66	MWG66	MWG66	MWG66	MWG66	MWG66	MWG66	MWG66	MWG68
Sampled_Date_Time			Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
			11/10/2006	30/03/2008	30/03/2009	22/09/2009	26/05/2010	20/06/2011	13/06/2012	3/04/2008	14/10/2008	6/04/2009	23/06/2009	2/06/2010	2/06/2010	19/06/2011	21/06/2012	3/04/2008
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Damplands Excluding Swimming**	***Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria***														
	Nitrate (as N)	mg/L	0.005		***7***	***47***	***20***	***17***		***18***	***15***	***9.9***	<0.2		<1		<0.01			<0.01	<0.2
Heavy Metals	Aluminium	mg/L	0.001	**309**	***0.055***		0.013	***0.43***	<0.001	0.02					0.018						
	Aluminium (Filtered)	mg/L	0.001	**309**	***0.055***	0.01					0.011	0.024	0.001				0.009	0.006	<0.001	<0.001	0.007
	Arsenic	mg/L	0.0002		***0.013***		<0.0002	<0.0005	<0.0005	<0.0005					<0.0005						
	Arsenic (Filtered)	mg/L	0.0002		***0.013***	0.0005					<0.0005	<0.0005	0.0008				0.0005	0.0005	<0.0005	<0.0005	0.0005
	Cadmium	mg/L	0.00005		***0.0002***		<0.00005	<0.0001	***<0.0005***	<0.0002					<0.0001						
	Cadmium (Filtered)	mg/L	0.00005		***0.0002***	<0.00005					<0.0002	<0.0002	<0.00005				<0.0002	<0.0002	<0.0002	<0.0002	<0.00005
	Chromium	mg/L	0.0002		***0.001***		0.0002	***0.0013***	***0.011***	<0.001					<0.0002						
	Chromium (Filtered)	mg/L	0.0002		***0.001***	<0.0002					***0.001***	<0.001	0.0002				<0.001	<0.001	<0.001	<0.001	0.0002
	Cobalt	mg/L	0.001						<0.001												
	Copper	mg/L	0.0005		***0.0014***		***0.003***	***0.0014***	***0.006***	<0.001					<0.0005						
	Copper (Filtered)	mg/L	0.0005		***0.0014***	<0.0005					***0.002***		0.0006				0.001	<0.001	<0.001		0.0012
	Iron (ferric)	mg/L	0.05																		
	Iron (ferrous)	mg/L	0.05			3.2	0.08	<0.1					1.5		1.1						0.99
	Iron	mg/L	0.001	**217**	***0.3***		0.085	***0.48***		0.007					***1.4***						
	Iron (Filtered)	mg/L	0.001	**217**	***0.3***	***3***					<0.001	0.008	***2.1***				***1.1***	***1.1***	***3***	***0.74***	***1.3***
	Lead	mg/L	0.0001		***0.0034***		<0.0001	0.001	<0.001	<0.001					<0.001						
	Lead (Filtered)	mg/L	0.0001		***0.0034***	<0.0001					<0.001	<0.001	<0.0001				<0.001	<0.001	<0.001	<0.001	<0.0001
	Manganese	mg/L	0.001	**14.2**	***1.9***		0.18	0.12		0.071					0.13						
	Manganese (Filtered)	mg/L	0.001	**14.2**	***1.9***	0.44					0.054	0.031	0.34				0.11	0.11	0.12	0.07	0.47
	Mercury	mg/L	0.00001		***0.00006***		<0.00001	***<0.0001***	<0.00001	<0.00006					***<0.0001***						
	Mercury (Filtered)	mg/L	0.00001		***0.00006***	<0.00001					<0.00005	<0.00005	<0.00001				<0.00006	<0.00006	<0.00005	<0.00005	<0.00001
	Nickel	mg/L	0.0002	**3.86**	***0.011***		0.0091	0.004	0.005	0.004					<0.001						
	Nickel (Filtered)	mg/L	0.0002	**3.86**	***0.011***	0.005					0.005	0.003	0.0008				<0.001	<0.001	<0.001	<0.001	0.0006
	Zinc	mg/L	0.0005		***0.008***		***0.008***	***0.27***	***0.27***	***0.01***					0.001						
	Zinc (Filtered)	mg/L	0.0005		***0.008***	***0.013***					***0.026***	***0.018***	0.002				0.002	0.002	<0.001	<0.001	0.005
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005		***0.003***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001			<0.0001							<0.0001								<0.0001
	1,2,4-Trichlorobenzene	mg/L	0.0001		***0.085***	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.0001
	1,2-Dichlorobenzene	mg/L	0.0001		***0.16***	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.0001
	1,3,5-Trichlorobenzene	mg/L	0.0001			<0.0001							<0.0001								<0.0001
	1,3-Dichlorobenzene	mg/L	0.0001			<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.0001
	1,4-Dichlorobenzene	mg/L	0.0001		***0.06***	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.0001
	2-Chlorotoluene	mg/L	0.0005		***0.003***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005		***0.003***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.0005		***0.055***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001			<0.0001							<0.0001								<0.0001
	Pentachlorobenzene	mg/L	0.0001			<0.0001							<0.0001								<0.0001
MAH	1,2,4-trimethylbenzene	mg/L	0.0001		***0.033***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.0001		***0.071***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Benzene	mg/L	0.0005		***0.95***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.0001		***0.08***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.0005		***0.03***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.0001			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.0005		***0.085***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Styrene	mg/L	0.0005		***0.072***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Toluene	mg/L	0.0001		***0.3***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.0001		***0.275***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0001		***0.35***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.0002			<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
	Naphthalene	mg/L	0.0001		***0.016***	<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.0001
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001			<0.0001															
	1,1,1-Trichloroethane	mg/L	0.0005		***0.27***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.0005		***6.5***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001		***0.59***	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		0.0007	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		0.0003	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001					<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		0.001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.0005		***0.09***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		0.004	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.0005		***1.9***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.0005		***0.7***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		0.011	0.003	<0.001
	trans-1,2-dichloroethene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.0005		***0.26***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001																		
	trans-1,4-Dichloro-2-butene	mg/L	0.001																		
	Allyl chloride	mg/L	0.002																		
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***1.6***	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.32***	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.002		***0.02***																

TABLE 6 - Damplands Groundwater Analytical results

					Field_ID	MWG63	Q4064-01	Q5658-02	Q5210-02	Q5239-03	Q8111-01	8147-02	Q4068-02	Q4982-10	Q5663-02	Q5677-04	Q5244-03	Q5244-04	Q8109-02	Q9502-06	Q4068-01
					Location_Code	MWG63	MWG63	MWG63	MWG63	MWG63	MWG63	MWG63	MWG66	MWG66	MWG66	MWG66	MWG66	MWG66	MWG66	MWG66	MWG68
					Well	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
					Sampled_Date_Time	11/10/2006	30/03/2008	30/03/2009	22/09/2009	26/05/2010	20/06/2011	13/06/2012	3/04/2008	14/10/2008	6/04/2009	23/06/2009	2/06/2010	2/06/2010	19/06/2011	21/06/2012	3/04/2008
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Damplands Excluding Swimming**	***Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria***																
	Carbon tetrachloride	mg/L	0.0001		***0.24***	<0.001	<0.001	<0.001		<0.0007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0007		<0.001	<0.001	<0.001
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***1400***	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Chloroform	mg/L	0.0005	**0.25**	***0.37***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.005		***4***	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001			<0.0001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.0001
	Hexachloroethane	mg/L	0.0001			<0.0001							<0.0001								<0.0001
	Iodomethane	mg/L	0.001																		
	Pentachloroethane	mg/L	0.0001			<0.0001							<0.0001								<0.0001
	Trichloroethene	mg/L	0.0005	**0.0847**	***0.33***	***0.85***	***0.76***	0.056		***0.42***	***0.56***	***0.66***	<0.001	0.002	0.002	0.003	0.003		0.033	0.011	<0.001
	Tetrabromoethane	mg/L	0.0001					<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001					<0.0001		<0.0001	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.0001	**1.75**	***0.07***	<0.001	0.001	0.001		0.001	0.003	0.006	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.001	<0.001		0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.0003		***0.1***	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		0.003	0.002	<0.001

TABLE 6 - Damplands Groundwater Analytical results

Field_ID					Q5663-01	Q5677-03	Q5204-11	Q5244-01	Q8109-03	Q9502-07
Location_Code					MWG68	MWG68	MWG68	MWG68	MWG68	MWG68
Well					Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
Sampled_Date_Time					6/04/2009	23/06/2009	16/09/2009	2/06/2010	19/06/2011	21/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Damplands Excluding Swimming**	***Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria***					
	Nitrate (as N)	mg/L	0.005		***7***	<1			<0.01		<0.01
Heavy Metals	Aluminium	mg/L	0.001	**309**	***0.055***	0.019					
	Aluminium (Filtered)	mg/L	0.001	**309**	***0.055***				0.007	<0.001	<0.001
	Arsenic	mg/L	0.0002		***0.013***	<0.0005					
	Arsenic (Filtered)	mg/L	0.0002		***0.013***				<0.0005	<0.0005	<0.0005
	Cadmium	mg/L	0.00005		***0.0002***	<0.0001					
	Cadmium (Filtered)	mg/L	0.00005		***0.0002***				<0.0002	<0.0002	<0.0002
	Chromium	mg/L	0.0002		***0.001***	<0.0002					
	Chromium (Filtered)	mg/L	0.0002		***0.001***				<0.001	<0.001	<0.001
	Cobalt	mg/L	0.001								
	Copper	mg/L	0.0005		***0.0014***	0.0005					
	Copper (Filtered)	mg/L	0.0005		***0.0014***				<0.001	<0.001	
	Iron (ferric)	mg/L	0.05								
	Iron (ferrous)	mg/L	0.05			0.9					
	Iron	mg/L	0.001	**217**	***0.3***	***1.2***					
	Iron (Filtered)	mg/L	0.001	**217**	***0.3***				***0.71***	***0.68***	***0.54***
	Lead	mg/L	0.0001		***0.0034***	<0.001					
	Lead (Filtered)	mg/L	0.0001		***0.0034***				<0.001	<0.001	<0.001
	Manganese	mg/L	0.001	**14.2**	***1.9***	0.23					
	Manganese (Filtered)	mg/L	0.001	**14.2**	***1.9***				0.17	0.11	0.11
	Mercury	mg/L	0.00001		***0.00006***	***<0.0001***					
	Mercury (Filtered)	mg/L	0.00001		***0.00006***				<0.00006	<0.00005	<0.00005
	Nickel	mg/L	0.0002	**3.86**	***0.011***	<0.001					
	Nickel (Filtered)	mg/L	0.0002	**3.86**	***0.011***				<0.001	<0.001	<0.001
	Zinc	mg/L	0.0005		***0.008***	0.001					
	Zinc (Filtered)	mg/L	0.0005		***0.008***				0.002	<0.001	<0.001
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.0005		***0.003***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4,5-Tetrachlorobenzene	mg/L	0.0001								
	1,2,4-Trichlorobenzene	mg/L	0.0001		***0.085***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.0001		***0.16***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trichlorobenzene	mg/L	0.0001								
	1,3-Dichlorobenzene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.0001		***0.06***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.0005		***0.003***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.0005		***0.003***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.0005		***0.055***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachlorobenzene	mg/L	0.0001								
	Pentachlorobenzene	mg/L	0.0001								
MAH	1,2,4-trimethylbenzene	mg/L	0.0001		***0.033***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.0001		***0.071***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.0005		***0.95***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.0001		***0.08***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.0005		***0.03***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.0001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.0005		***0.085***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.0005		***0.072***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.0001		***0.3***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.0001		***0.275***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0001		***0.35***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (Sum of m,p & o)	mg/L	0.0002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	Naphthalene	mg/L	0.0001		***0.016***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	1,1,2,2-Tetrabromoethene	mg/L	0.0001								
	1,1,1-Trichloroethane	mg/L	0.0005		***0.27***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.0005		***6.5***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001		***0.59***	<0.0001			<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.0005		***0.09***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.0005		***1.9***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.0005		***0.7***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.0005		***0.26***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.0005			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.001								
	trans-1,4-Dichloro-2-butene	mg/L	0.001								
	Allyl chloride	mg/L	0.002								
	Bromochloromethane	mg/L	0.0001			<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**0.25**	***1.6***	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001			<0.0001			<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.25**	***0.32***	<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.002		***0.02***						

TABLE 6 - Damplands Groundwater Analytical results

Field_ID							Q5663-01	Q5677-03	Q5204-11	Q5244-01	Q8109-03	Q9502-07
Location_Code							MWG68	MWG68	MWG68	MWG68	MWG68	MWG68
Well							Damplands	Damplands	Damplands	Damplands	Damplands	Damplands
Sampled_Date_Time							6/04/2009	23/06/2009	16/09/2009	2/06/2010	19/06/2011	21/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria Damplands Excluding Swimming**	***Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria***							
	Carbon tetrachloride	mg/l	0.0001		***0.24***		<0.001	<0.001	<0.0001	<0.0007	<0.001	<0.001
	Chlorodibromomethane	mg/L	0.0001	**0.25**	***1400***		<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.0005	**0.25**	***0.37***		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001				<0.0001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dichloromethane	mg/L	0.005		***4***		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.0001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Hexachloroethane	mg/L	0.0001									
	Iodomethane	mg/L	0.001									
	Pentachloroethane	mg/L	0.0001									
	Trichloroethene	mg/L	0.0005	**0.0847**	***0.33***		0.006	0.003	<0.001	0.003	0.004	0.002
	Tetrabromoethane	mg/L	0.0001				<0.0001			<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001				<0.0001			<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.0001	**1.75**	***0.07***		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001				<0.0001			<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.0003		***0.1***		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 7 - Helena River Analytical Results

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria	*Risk Based Criteria May 08 Helena River*	Q4984-01	Q5205-07	Q5668-04	Q5673-02	Q5673-03	Q5678-08	Q5678-09	Q5679 - 01	Q6064-03	Q6064-04	Q8122-05	Q8122-06	Q9501-06	Q4984-02	Q5205-06	Q5668-01
	Location_Code					SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG06	SG06	SG06
	Well					Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River
	Sampled_Date_Time					15/10/2008	21/09/2009	8/04/2009	13/05/2009	13/05/2009	24/06/2009	24/06/2009	24/06/2009	28/07/2010	28/07/2010	7/07/2011	7/07/2011	20/06/2012	15/10/2008	21/09/2009	8/04/2009
	Nitrate (as N)	mg/L	0.01	**7**		<1		<1						0.45	0.45	0.83	0.03	0.11	<1		<1
	Nitrite (as N)	mg/L	0.01																		
	Nitrogen (Total Oxidised)	mg/L	0.01																		
Heavy Metals	Aluminium	mg/L	0.001	**0.055**	***152***	0.044		0.025						**0.11**	**0.11**			**0.63**	0.037		0.02
	Aluminium (Filtered)	mg/L	0.001	**0.055**	***152***											0.033	0.032				
	Arsenic	mg/L	0.0002	**0.013**		<0.0005		<0.0002						<0.0005	<0.0005			<0.0005	<0.0005		0.0014
	Arsenic (Filtered)	mg/L	0.0005	**0.013**												<0.0005	<0.0005				
	Cadmium	mg/L	0.00005	**0.0002**		**<0.0005**		<0.00005						<0.0001	<0.0001			<0.0002	**<0.0005**		<0.00005
	Cadmium (Filtered)	mg/L	0.0005	**0.0002**												**<0.0005**	**<0.0005**				
	Chromium	mg/L	0.0002	**0.001**		<0.001		0.0002						<0.001	<0.001			<0.001	<0.001		0.0002
	Chromium (Filtered)	mg/L	0.001	**0.001**												<0.001	<0.001				
	Copper	mg/L	0.0005	**0.0014**		<0.001		0.0005						0.001	0.001				<0.001		0.0007
	Copper (Filtered)	mg/L	0.001	**0.0014**												0.001	<0.001				
	Iron (ferrous)	mg/L	0.05			0.1		8.9											0.1		0.1
	Iron	mg/L	0.001	**0.3**	***106***	**1.9**		**21**						**1.1**	**1.1**			**1.2**	**1.8**		**38**
	Iron (Filtered)	mg/L	0.001	**0.3**	***106***											**0.32**	**0.33**				
	Lead	mg/L	0.0001	**0.0034**		<0.001		<0.0001						<0.001	<0.001			0.001	<0.001		<0.0001
	Lead (Filtered)	mg/L	0.001	**0.0034**												<0.001	<0.001				
	Manganese	mg/L	0.0005	**1.9**	***9.1***	0.065		1.2						0.034	0.034			0.17	0.05		0.85
	Manganese (Filtered)	mg/L	0.001	**1.9**	***9.1***											0.017	0.018				
	Mercury	mg/L	0.00005	**0.00006**		**<0.0005**		**<0.0001**						<0.00005	<0.00005			<0.00005	**<0.0005**		**<0.0001**
	Mercury (Filtered)	mg/L	0.0005	**0.00006**												**<0.0005**	**<0.0005**				
	Nickel	mg/L	0.0005	**0.011**	***1.92***	<0.001		<0.0005						<0.001	<0.001			0.001	<0.001		<0.0005
	Nickel (Filtered)	mg/L	0.001	**0.011**	***1.92***											<0.001	<0.001				
	Zinc	mg/L	0.001	**0.008**		0.007		**0.055**						0.002	0.002			**0.021**	**0.008**		0.004
	Zinc (Filtered)	mg/L	0.001	**0.008**												**0.017**	**0.008**				
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.001	**0.003**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4-Trichlorobenzene	mg/L	0.001	**0.085**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.001	**0.16**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichlorobenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.001	**0.06**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.001	**0.003**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.001	**0.003**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001
	Chlorobenzene	mg/L	0.001	**0.055**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**0.033**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**0.071**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.95**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**0.08**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**0.03**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**0.085**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.072**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**0.3**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**0.275**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**0.35**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
PAH	Naphthalene	mg/L	0.001	**0.016**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	1,1,1-Trichloroethane	mg/L	0.001	**0.27**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**6.5**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	1,2,3-Trichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001	**0.59**				<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	1,1-Dichloroethane	mg/L	0.001	**0.09**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.001	**1.9**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.001	**0.7**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.001			<0.001	<0.001	0.001	0.001	0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001	**0.26**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.005										<0.005								
	trans-1,4-Dichloro-2-butene	mg/L	0.005										<0.005								
	Bromochloromethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**1.6**	***0.25***	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Bromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	Bromoethyne	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	Bromoform	mg/L	0.0001	**0.32**	***0.25***	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Bromomethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.005	**0.02**									<0.005								
	Carbon tetrachloride	mg/L	0.0001	**0.24**		<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001
	Chlorodibromomethane	mg/L	0.0001	**1400**	***0.25***	<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Chloroethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.001	**0.37**	***0.25***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001			<0.001	<0.001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 7 - Helena River Analytical Results

Field_ID																	
Location_Code																	
Well																	
Sampled_Date_Time																	

Chem_Group	ChemName	output unit	LOR	Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria	*Risk Based Criteria May 08 Helena River*	Q4984-01	Q5205-07	Q5668-04	Q5673-02	Q5673-03	Q5678-08	Q5678-09	Q5679 - 01	Q6064-03	Q6064-04	Q8122-05	Q8122-06	Q9501-06	Q4984-02	Q5205-06	Q5668-01
						SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG05	SG06	SG06	SG06
						Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River
						15/10/2008	21/09/2009	8/04/2009	13/05/2009	13/05/2009	24/06/2009	24/06/2009	24/06/2009	28/07/2010	28/07/2010	7/07/2011	7/07/2011	20/06/2012	15/10/2008	21/09/2009	8/04/2009
	Dichloromethane	mg/L	0.01	**4**		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Iodomethane	mg/L	0.005										<0.005								
	Pentachloroethane	mg/L	0.005										<0.005								
	Trichloroethene	mg/L	0.001	**0.33**	***0.0356***	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	Tetrabromoethene	mg/L	0.0001					<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			<0.0001
	Tetrachloroethene	mg/L	0.001	**0.07**	***0.686***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001			<0.001		<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001		<0.0001
	Vinyl chloride	mg/L	0.001	**0.1**		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 7 - Helena River Analytical Results

Field_ID																	Q5668-02	Q5669 - 01	Q5673-01	Q5678-02	Q6064-02	Q8122-07	Q9502-01	Q9502-02	Q9503-01	Q4984-03	Q5205-05	Q5678-01	Q6064-01	Q8122-08	Q9502-03
Location_Code																	SG06	SG06	SG06	SG06	SG06	SG06	SG06	SG06	SG06	SG07	SG07	SG07	SG07	SG07	SG07
Well																	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River
Sampled_Date_Time																	8/04/2009	8/04/2009	13/05/2009	24/06/2009	28/07/2010	7/07/2011	21/06/2012	21/06/2012	21/06/2012	15/10/2008	21/09/2009	24/06/2009	28/07/2010	7/07/2011	21/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria**	***Risk Based Criteria May 08 Helena River***																										
	Nitrate (as N)	mg/L	0.01	**7**			<1	0.03			0.46	0.08	0.22	0.22	0.16	<1			0.45	0.14	0.21
	Nitrite (as N)	mg/L	0.01					<0.01							0.01						
	Nitrogen (Total Oxidised)	mg/L	0.01					0.03							0.17						
Heavy Metals	Aluminium	mg/L	0.001	**0.055**	***152***		0.02	0.039 - 0.04			**0.11**		**0.5**	**0.53**	**2.31**	**0.065**			**0.11**		**0.52**
	Aluminium (Filtered)	mg/L	0.001	**0.055**	***152***							0.026								0.016	
	Arsenic	mg/L	0.0002	**0.013**			0.0013	<0.001 - 0.0017			<0.0005		<0.0005	<0.0005	<0.001	<0.0005			<0.0005		<0.0005
	Arsenic (Filtered)	mg/L	0.0005	**0.013**								<0.0005								<0.0005	
	Cadmium	mg/L	0.00005	**0.0002**			<0.00005	<0.00005			<0.0001		<0.0002	<0.0002	<0.0001	**<0.0005**			<0.0001		<0.0002
	Cadmium (Filtered)	mg/L	0.0005	**0.0002**								**<0.0005**								**<0.0005**	
	Chromium	mg/L	0.0002	**0.001**			0.0003	<0.001 - 0.0003			<0.001		<0.001	**0.001**	**0.002**	<0.001			<0.001		**0.001**
	Chromium (Filtered)	mg/L	0.001	**0.001**								<0.001								<0.001	
	Copper	mg/L	0.0005	**0.0014**			0.0007	<0.001 - 0.0007			0.001					<0.001			0.001		
	Copper (Filtered)	mg/L	0.001	**0.0014**								**0.003**								**0.018**	
	Iron (ferrous)	mg/L	0.05				0.1	0.09								0.1					
	Iron	mg/L	0.001	**0.3**	***106***		**39**	**43.6 - 45.3**			**1.1**		**0.8**	**0.81**	**1.59**	**1.9**			**1.1**		**0.82**
	Iron (Filtered)	mg/L	0.001	**0.3**	***106***							**0.31**								0.12	
	Lead	mg/L	0.0001	**0.0034**			<0.0001	<0.001 - 0.0003			<0.001		0.001	0.001	0.002	<0.001			<0.001		0.001
	Lead (Filtered)	mg/L	0.001	**0.0034**								<0.001								<0.001	
	Manganese	mg/L	0.0005	**1.9**	***9.1***		0.88	0.87 - 0.886			0.033		0.083	0.079	0.1	0.06			0.031		0.082
	Manganese (Filtered)	mg/L	0.001	**1.9**	***9.1***							0.014								0.011	
	Mercury	mg/L	0.00005	**0.00006**			**<0.0001**	**<0.0001**			<0.00005		<0.00005	<0.00005	**<0.0001**	**<0.0005**			<0.00005		<0.00005
	Mercury (Filtered)	mg/L	0.0005	**0.00006**								**<0.0005**								**<0.0005**	
	Nickel	mg/L	0.0005	**0.011**	***1.92***		<0.0005	<0.001 - 0.0009			<0.001		<0.001	0.001	<0.001	<0.001			<0.001		0.001
	Nickel (Filtered)	mg/L	0.001	**0.011**	***1.92***							0.001								0.001	
	Zinc	mg/L	0.001	**0.008**			0.007	<0.005 - 0.004			0.004		**0.011**	**0.008**	**0.02**	**0.019**			0.002		**0.008**
	Zinc (Filtered)	mg/L	0.001	**0.008**								**0.027**								**0.022**	
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/L	0.001	**0.003**			<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2,4-Trichlorobenzene	mg/L	0.001	**0.085**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichlorobenzene	mg/L	0.001	**0.16**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichlorobenzene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,4-Dichlorobenzene	mg/L	0.001	**0.06**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2-Chlorotoluene	mg/L	0.001	**0.003**			<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4-Chlorotoluene	mg/L	0.001	**0.003**			<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**<0.005**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromobenzene	mg/L	0.0001				<0.0001	<0.005	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Chlorobenzene	mg/L	0.001	**0.055**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MAH	1,2,4-trimethylbenzene	mg/L	0.001	**0.033**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3,5-Trimethylbenzene	mg/L	0.001	**0.071**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Benzene	mg/L	0.001	**0.95**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/L	0.001	**0.08**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Isopropylbenzene	mg/L	0.001	**0.03**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Butylbenzene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	n-Propylbenzene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p-Isopropyltoluene	mg/L	0.001	**0.085**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	sec-Butylbenzene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Styrene	mg/L	0.001	**0.072**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	tert-Butylbenzene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.001	**0.3**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes (m & p)	mg/L	0.001	**0.275**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.001	**0.35**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
PAH	Naphthalene	mg/L	0.001	**0.016**			<0.001	<0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrachloroethane	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2,2-Tetrabromoethane	mg/L	0.0001				<0.0001	<0.001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.001				<0.0001	<0.0001	<0.0001
	1,1,1-Trichloroethane	mg/L	0.001	**0.27**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Trichloroethane	mg/L	0.001	**6.5**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1,2-Tribromoethane	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001
	1,1,2-Tribromoethene	mg/L	0.0001				<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001
	1,2,3-Trichloropropane	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dibromo-3-chloropropane	mg/L	0.0001				<0.0001	<0.005	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	1,2-Dibromoethane	mg/L	0.0001				<0.0001	<0.005	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	cis-1,2-Dibromoethene	mg/L	0.0001	**0.59**			<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001
	trans-1,2-Dibromoethene	mg/L	0.0001				<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001
	cis- & trans-1,2-Dibromoethene	mg/L	0.0001				<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				<0.0001	<0.0001	<0.0001
	1,1-Dichloroethane	mg/L	0.001	**0.09**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloroethane	mg/L	0.001	**1.9**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloroethene	mg/L	0.001	**0.7**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,2-Dichloroethene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,2-dichloroethene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,2-Dichloropropane	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,3-Dichloropropane	mg/L	0.001	**0.26**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2-Dichloropropane	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	1,1-Dichloropropene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,3-Dichloropropene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	trans-1,3-dichloropropene	mg/L	0.001				<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	cis-1,4-Dichloro-2-butene	mg/L	0.005					<0.005							<0.005						
	trans-1,4-Dichloro-2-butene	mg/L	0.005					<0.005							<0.005						
	Bromochloromethane	mg/L	0.0001				<0.0001		<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001		<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Bromodichloromethane	mg/L	0.0001	**1.6**	***0.25***		<0.0001	<0.005	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Bromoethane	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001
	Bromoethyne	mg/L	0.0001				<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001
	Bromoform	mg/L	0.0001	**0.32**	***0.25***		<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Bromomethane	mg/L	0.001				<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Carbon disulfide	mg/L	0.005	**0.02**				<0.005							<0.005						
	Carbon tetrachloride	mg/L	0.0001	**0.24**			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001
	Chlorodibromomethane	mg/L	0.0001	**1400**	***0.25***		<0.0001	<0.005	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Chloroethane	mg/L	0.001				<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloroform	mg/L	0.001	**0.37**	***0.25***		<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Chloromethane	mg/L	0.001				<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dibromomethane	mg/L	0.0001				<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.0001	<0.0001	<0.0001
	Dichlorodifluoromethane	mg/L	0.001				<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 7 - Helena River Analytical Results

					Field_ID	Q5668-02	Q5669 - 01	Q5673-01	Q5678-02	Q6064-02	Q8122-07	Q9502-01	Q9502-02	Q9503-01	Q4984-03	Q5205-05	Q5678-01	Q6064-01	Q8122-08	Q9502-03
					Location_Code	SG06	SG06	SG06	SG06	SG06	SG06	SG06	SG06	SG06	SG07	SG07	SG07	SG07	SG07	SG07
					Well	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River	Helena River
					Sampled_Date_Time	8/04/2009	8/04/2009	13/05/2009	24/06/2009	28/07/2010	7/07/2011	21/06/2012	21/06/2012	21/06/2012	15/10/2008	21/09/2009	24/06/2009	28/07/2010	7/07/2011	21/06/2012
Chem_Group	**ChemName**	**output unit**	**LOR**	**Risk Based Criteria May 08 Aquatic Ecosystem Screening Criteria**	***Risk Based Criteria May 08 Helena River***															
	Dichloromethane	mg/L	0.01	**4**		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Hexachlorobutadiene	mg/L	0.001			<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Iodomethane	mg/L	0.005				<0.005							<0.005						
	Pentachloroethane	mg/L	0.005				<0.005							<0.005						
	Trichloroethene	mg/L	0.001	**0.33**	***0.0356***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Tetrabromoethane	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001
	Tetrabromoethene	mg/L	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001
	Tetrachloroethene	mg/L	0.001	**0.07**	***0.686***	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Trichlorofluoromethane	mg/L	0.001			<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Vinyl bromide (bromoethene)	mg/L	0.0001			<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001			<0.0001	<0.0001	<0.0001
	Vinyl chloride	mg/L	0.001	**0.1**		<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
GROUNDWATER MONITORING WELLS										
MW1	1-Nov-2001	NR	18.932	16.821	13.821	3.620	15.312	NR	NR	15.312
	15-Oct-2002	NR	18.932	16.821	13.821	3.680	15.252	NR	NR	15.252
Shallow	5-Mar-2003	14:44	18.932	16.821	13.821	4.257	14.675	ND	ND	14.675
	14-Apr-2003	14:28	18.932	16.821	13.821	3.880	15.052	ND	ND	15.052
Former Waste	9-Dec-2003	14:42	18.932	16.821	13.821	4.030	14.902	ND	ND	14.902
Control Site	9-Jan-2004	14:31	18.932	16.821	13.821	4.222	14.710	ND	ND	14.710
	9-Feb-2004	14:37	18.932	16.821	13.821	4.303	14.629	ND	ND	14.629
	8-Mar-2004	12:52	18.932	16.821	13.821	4.380	14.552	ND	ND	14.552
	8-Apr-2004	12:30	18.932	16.821	13.821	4.430	14.502	ND	ND	14.502
	10-May-2004	13:09	18.932	16.821	13.821	4.482	14.450	ND	ND	14.450
	8-Jun-2004	13:40	18.932	16.821	13.821	4.000	14.932	ND	ND	14.932
	7-Jul-2004	14:07	18.932	16.821	13.821	3.790	15.142	ND	ND	15.142
	9-Aug-2004	14:00	18.932	16.821	13.821	4.845	14.087	ND	ND	14.087
	14-Sep-2004	12:19	20.020	16.821	13.821	4.666	15.354	ND	ND	15.354
	11-Oct-2004	11:02	20.020	16.821	13.821	4.918	15.102	ND	ND	15.102
	11-Nov-2004	14:27	20.020	16.821	13.821	5.052	14.968	ND	ND	14.968
	9-May-2005	13:05	20.020	16.821	13.821	5.075	14.945	ND	ND	14.945
	8-Jun-2005	13:50	20.020	16.821	13.821	4.635	15.385	ND	ND	15.385
	8-Jul-2005	13:00	20.020	16.821	13.821	4.480	15.540	ND	ND	15.540
	19-Aug-2005	13:42	20.020	16.821	13.821	4.530	15.490	ND	ND	15.490
	16-Sep-2005	14:22	20.020	16.821	13.821	4.565	15.455	ND	ND	15.455
	12-May-2008	8:44	20.020	16.821	13.821	5.310	14.710	ND	ND	14.710
	24-Mar-2009	9:22	18.932	16.821	13.821	5.460	13.472	NR	NR	13.472
	24-Aug-2009	9:38	18.932	16.821	13.821	4.645	14.287	NR	NR	14.287
	17-Jun-2011	12:15	18.932	16.821	13.821	5.470	13.462	NR	NR	13.462
MW2	1-Nov-2001	NR	20.028	17.831	14.831	3.680	16.348	NR	NR	16.348
	15-Oct-2002	NR	20.028	17.831	14.831	3.530	16.498	NR	NR	16.498
Shallow	5-Mar-2003	14:16	20.028	17.831	14.831	4.318	15.710	ND	ND	15.710
	14-Apr-2003	13:37	20.028	17.831	14.831	3.710	16.318	ND	ND	16.318
Former Waste	9-Dec-2003	14:00	20.028	17.831	14.831	3.900	16.128	ND	ND	16.128
Control Site	9-Jan-2004	13:15	20.028	17.831	14.831	4.082	15.946	ND	ND	15.946
	9-Feb-2004	14:04	20.028	17.831	14.831	3.761	16.267	ND	ND	16.267
	8-Mar-2004	12:02	20.028	17.831	14.831	4.015	16.013	ND	ND	16.013
	8-Apr-2004	11:01	20.028	17.831	14.831	4.240	15.788	ND	ND	15.788
	10-May-2004	12:47	20.028	17.831	14.831	4.373	15.655	ND	ND	15.655
	8-Jun-2004	13:00	20.028	17.831	14.831	3.410	16.618	ND	ND	16.618
	7-Jul-2004	13:40	20.028	17.831	14.831	3.480	16.548	ND	ND	16.548
	9-Aug-2004	11:00	20.028	17.831	14.831	3.420	16.608	ND	ND	16.608
	14-Sep-2004	11:47	20.028	17.831	14.831	3.300	16.728	ND	ND	16.728
	11-Oct-2004	10:27	20.028	17.831	14.831	3.679	16.349	ND	ND	16.349
	11-Nov-2004	14:00	20.028	17.831	14.831	3.828	16.200	ND	ND	16.200
	9-May-2005	13:43	20.028	17.831	14.831	3.355	16.673	ND	ND	16.673
	8-Jun-2005	14:12	20.028	17.831	14.831	3.110	16.918	ND	ND	16.918
	8-Jul-2005	12:47	20.028	17.831	14.831	3.155	16.873	ND	ND	16.873
	19-Aug-2005	13:28	20.028	17.831	14.831	3.255	16.773	ND	ND	16.773
	16-Sep-2005	14:14	20.028	17.831	14.831	3.272	16.756	ND	ND	16.756
	12-May-2008	9:12	20.028	17.831	14.831	4.040	15.988	ND	ND	15.988
	24-Aug-2009	10:18	20.028	17.831	14.831	3.155	16.756	ND	ND	16.756
	17-Jun-2011	12:45	20.028	17.831	14.831	4.500	15.528	ND	ND	17.756
MW3	1-Nov-2001	NR	19.341	16.423	11.423	5.130	14.211	NR	NR	14.211
	15-Oct-2002	NR	19.341	16.423	11.423	5.130	14.211	NR	NR	14.211
Shallow	5-Mar-2003	14:31	19.341	16.423	11.423	6.623	12.718	ND	ND	12.718
	14-Apr-2003	14:03	19.341	16.423	11.423	DRY	DRY	ND	ND	NA
Former Waste	9-Dec-2003	13:31	19.341	16.423	11.423	5.680	13.661	ND	ND	13.661
Control Site	9-Jan-2004	14:11	19.341	16.423	11.423	6.090	13.251	ND	ND	13.251
	9-Feb-2004	14:29	19.341	16.423	11.423	6.479	12.862	ND	ND	12.862
	8-Mar-2004	13:27	19.341	16.423	11.423	6.800	12.541	ND	ND	12.541
	8-Apr-2004	11:29	19.341	16.423	11.423	7.080	12.261	ND	ND	12.261
	10-May-2004	13:03	19.341	16.423	11.423	7.357	11.984	ND	ND	11.984
	8-Jun-2004	13:27	19.341	16.423	11.423	6.740	12.601	ND	ND	12.601
	7-Jul-2004	14:01	19.341	16.423	11.423	6.170	13.171	ND	ND	13.171
	9-Aug-2004	13:30	19.341	16.423	11.423	5.890	13.451	ND	ND	13.451
	14-Sep-2004	12:06	20.610	16.423	11.423	5.323	15.287	ND	ND	15.287
	11-Oct-2004	10:58	20.610	16.423	11.423	5.628	14.982	ND	ND	14.982
	11-Nov-2004	14:23	20.610	16.423	11.423	5.990	14.620	ND	ND	14.620
	9-May-2005	14:05	20.610	16.423	11.423	7.410	13.200	ND	ND	13.200
	8-Jun-2005	14:31	20.610	16.423	11.423	6.705	13.905	ND	ND	13.905
	8-Jul-2005	12:34	20.610	16.423	11.423	5.175	15.435	ND	ND	15.435
	19-Aug-2005	13:08	20.610	16.423	11.423	5.360	15.250	ND	ND	15.250
	16-Sep-2005	14:01	20.610	16.423	11.423	5.285	15.325	ND	ND	15.325
	12-May-2008	8:57	20.610	16.423	11.423	7.310	13.300	ND	ND	13.300
	24-Aug-2009	9:47	20.610	16.423	11.423	5.620	14.990	ND	ND	14.990
	17-Jun-2011	12:05	20.610	16.423	11.423	7.170	13.440	ND	ND	13.440
MW4	1-Nov-2001	NR	18.831	16.893	12.893	3.700	15.131	NR	NR	15.131
	15-Oct-2002	NR	18.831	16.893	12.893	3.780	15.051	NR	NR	15.051
Shallow	5-Mar-2003	14:28	18.831	16.893	12.893	4.400	14.431	ND	ND	14.431
	14-Apr-2003	14:48	18.831	16.893	12.893	4.582	14.249	ND	ND	14.249
Former Waste	9-Dec-2003	14:22	18.831	16.893	12.893	4.000	14.831	ND	ND	14.831
Control Site	9-Jan-2004	16:02	18.831	16.893	12.893	4.300	14.531	ND	ND	14.531
	9-Feb-2004	14:52	18.831	16.893	12.893	4.517	14.314	ND	ND	14.314
	8-Mar-2004	13:55	18.831	16.893	12.893	4.990	13.841	NR	0.150	13.963
	8-Apr-2004	12:45	18.831	16.893	12.893	5.275	13.556	NR	0.040	13.588
	10-May-2004	13:25	18.831	16.893	12.893	5.455	13.376	NR	0.075	13.437
	8-Jun-2004	14:55	18.831	16.893	12.893	3.530	15.301	NR	0.020	15.317
	7-Jul-2004	14:05	18.831	16.893	12.893	4.380	14.451	ND	ND	14.451
	9-Aug-2004	12:36	18.831	16.893	12.893	4.160	14.671	ND	ND	14.671
	14-Sep-2004	12:37	18.831	16.893	12.893	3.703	15.128	ND	ND	15.128
	11-Oct-2004	11:12	18.831	16.893	12.893	3.922	14.909	ND	ND	14.909
	11-Nov-2004	14:38	18.831	16.893	12.893	4.093	14.738	ND	ND	14.738
	9-May-2005	12:40	18.831	16.893	12.893	5.870	12.961	5.850	0.020	12.977
	8-Jun-2005	13:40	18.831	16.893	12.893	4.420	14.411	4.415	0.005	14.415
	8-Jul-2005	13:16	18.831	16.893	12.893	3.590	15.241	ND	ND	15.241
	19-Aug-2005	14:05	18.831	16.893	12.893	3.705	15.126	ND	ND	15.126
	16-Sep-2005	14:50	18.831	16.893	12.893	3.540	15.291	ND	ND	15.291
	12-Dec-2006	10:50	18.831	16.893	12.893	4.320	14.511	ND	ND	14.511
	12-Jan-2007	10:00	18.831	16.893	12.893	4.945	13.886	ND	ND	13.886
	12-Feb-2007	12:26	18.831	16.893	12.893	5.707	13.124	5.690	0.020	13.124
	12-May-2008	8:32	18.831	16.893	12.893	5.850	12.981	ND	ND	12.981
	24-Mar-2009	8:23	18.831	16.893	12.893	DRY	NA	ND	ND	NA
	24-Aug-2009	9:11	18.831	16.893	12.893	4.190	14.641	ND	ND	14.641
	17-Jun-2011	12:30	18.831	16.893	12.893	DRY	NA	ND	ND	NA

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW5	1-Nov-2001	NR	19.506	16.670	13.670	4.180	15.326	NR	NR	15.326
	15-Oct-2002	NR	19.506	16.670	13.670	4.250	15.256	NR	NR	15.256
Shallow	5-Mar-2003	14:26	19.506	16.670	13.670	4.694	14.812	ND	ND	14.812
	14-Apr-2003	14:18	19.506	16.670	13.670	4.673	14.833	ND	ND	14.833
Former Waste	9-Dec-2003	14:13	19.506	16.670	13.670	4.441	15.065	ND	ND	15.065
Control Site	9-Jan-2004	14:02	19.506	16.670	13.670	4.630	14.876	ND	ND	14.876
	9-Feb-2004	14:33	19.506	16.670	13.670	4.717	14.789	ND	ND	14.789
	8-Mar-2004	12:45	19.506	16.670	13.670	4.800	14.706	ND	ND	14.706
	8-Apr-2004	12:24	19.506	16.670	13.670	4.890	14.616	ND	ND	14.616
	10-May-2004	13:06	19.506	16.670	13.670	4.982	14.524	ND	ND	14.524
	8-Jun-2004	13:33	19.506	16.670	13.670	4.530	14.976	ND	ND	14.976
	7-Jul-2004	14:05	19.506	16.670	13.670	4.265	15.241	ND	ND	15.241
	9-Aug-2004	11:40	19.506	16.670	13.670	4.323	15.183	ND	ND	15.183
	14-Sep-2004	12:15	19.580	16.670	13.670	4.083	15.497	ND	ND	15.497
	11-Oct-2004	10:54	19.580	16.670	13.670	4.340	15.240	ND	ND	15.240
	11-Nov-2004	14:06	19.580	16.670	13.670	4.460	15.120	ND	ND	15.120
	9-May-2005	13:20	19.580	16.670	13.670	4.370	15.210	ND	ND	15.210
	8-Jun-2005	14:02	19.580	16.670	13.670	3.880	15.700	ND	ND	15.700
	8-Jul-2005	13:07	19.580	16.670	13.670	3.855	15.725	ND	ND	15.725
	19-Aug-2005	13:46	19.580	16.670	13.670	4.100	15.480	ND	ND	15.480
	16-Sep-2005	14:30	19.580	16.670	13.670	3.960	15.620	ND	ND	15.620
	12-May-2008	8:59	19.580	16.670	13.670	4.740	14.840	ND	ND	14.840
	24-Mar-2009	8:45	19.580	16.670	13.670	DRY	DRY	ND	ND	NA
	24-Aug-2009	9:42	19.580	16.670	13.670	4.175	15.405	ND	ND	15.405
	17-Jun-2011	12:36	19.580	16.670	13.670	5.225	14.355	ND	ND	14.355
MW6	1-Nov-2001	NR	18.583	15.592	12.592	3.700	14.883	NR	NR	14.883
	15-Oct-2002	NR	18.583	15.592	12.592	3.730	14.853	NR	NR	14.853
Shallow	5-Mar-2003	15:02	18.583	15.592	12.592	4.230	14.353	ND	ND	14.353
	14-Apr-2003	15:20	18.583	15.592	12.592	3.944	14.639	ND	ND	14.639
Former Waste	9-Dec-2003	14:41	18.583	15.592	12.592	3.962	14.621	ND	ND	14.621
Control Site	9-Jan-2004	15:28	18.583	15.592	12.592	4.310	14.273	ND	ND	14.273
	9-Feb-2004	15:15	18.583	15.592	12.592	4.489	14.094	ND	ND	14.094
	8-Mar-2004	14:00	18.583	15.592	12.592	4.630	13.953	ND	ND	13.953
	8-Apr-2004	12:11	18.583	15.592	12.592	4.870	13.713	ND	ND	13.713
	10-May-2004	13:43	18.583	15.592	12.592	4.567	14.016	ND	ND	14.016
	8-Jun-2004	14:10	18.583	15.592	12.592	4.540	14.043	ND	ND	14.043
	7-Jul-2004	14:29	18.583	15.592	12.592	4.160	14.423	ND	ND	14.423
	9-Aug-2004	11:46	18.583	15.592	12.592	4.010	14.573	ND	ND	14.573
	14-Sep-2004	13:05	18.583	15.592	12.592	3.551	15.032	ND	ND	15.032
	11-Oct-2004	11:24	18.583	15.592	12.592	3.863	14.720	ND	ND	14.720
	11-Nov-2004	14:55	18.583	15.592	12.592	4.046	14.537	ND	ND	14.537
	9-May-2005	12:25	18.583	15.592	12.592	5.375	13.208	ND	ND	13.208
	8-Jun-2005	13:24	18.583	15.592	12.592	4.950	13.633	ND	ND	13.633
	8-Jul-2005	13:37	18.583	15.592	12.592	3.575	15.008	ND	ND	15.008
	19-Aug-2005	14:12	18.583	15.592	12.592	3.565	15.018	ND	ND	15.018
	16-Sep-2005	14:52	18.583	15.592	12.592	3.415	15.168	ND	ND	15.168
	24-Mar-2009		18.583	15.592	12.592	Could not find		ND	ND	
MW7	1-Nov-2001	NR	18.792	15.181	12.181	3.470	15.322	NR	NR	15.322
	15-Oct-2002	NR	18.792	15.181	12.181	3.470	15.322	NR	NR	15.322
Shallow	5-Mar-2003	15:00	18.792	15.181	12.181	4.604	14.188	ND	ND	14.188
	14-Apr-2003	15:33	18.792	15.181	12.181	3.972	14.820	ND	ND	14.820
Former Waste	9-Dec-2003	13:23	18.792	15.181	12.181	3.860	14.932	ND	ND	14.932
Control Site	9-Jan-2004	15:51	18.792	15.181	12.181	4.340	14.452	ND	ND	14.452
	9-Feb-2004	15:11	18.792	15.181	12.181	5.810	12.982	ND	ND	12.982
	8-Mar-2004	13:19	18.792	15.181	12.181	6.510	12.282	ND	ND	12.282
	8-Apr-2004	11:48	18.792	15.181	12.181	DRY	DRY	ND	ND	NA
	10-May-2004	13:47	18.792	15.181	12.181	DRY	DRY	ND	ND	NA
	8-Jun-2004	14:50	18.792	15.181	12.181	4.060	14.732	ND	ND	14.732
	7-Jul-2004	14:23	18.792	15.181	12.181	3.300	15.492	ND	ND	15.492
	9-Aug-2004	12:04	18.792	15.181	12.181	3.345	15.447	ND	ND	15.447
	14-Sep-2004	13:09	18.792	15.181	12.181	3.330	15.462	ND	ND	15.462
	11-Oct-2004	11:28	18.792	15.181	12.181	3.578	15.214	ND	ND	15.214
	11-Nov-2004	14:58	18.792	15.181	12.181	3.694	15.098	ND	ND	15.098
	9-May-2005	14:12	18.792	15.181	12.181	3.945	14.847	ND	ND	14.847
	8-Jun-2005	13:15	18.792	15.181	12.181	3.255	15.537	ND	ND	15.537
	8-Jul-2005	12:29	18.792	15.181	12.181	3.135	15.657	ND	ND	15.657
	19-Aug-2005	13:01	18.792	15.181	12.181	3.125	15.667	ND	ND	15.667
	16-Sep-2005	13:54	18.792	15.181	12.181	3.180	15.612	ND	ND	15.612
	12-May-2008	8:19	18.792	15.181	12.181	4.860	13.932	ND	ND	13.932
	24-Mar-2009	8:13	18.792	15.181	12.181	DRY	DRY	ND	ND	NA
	24-Aug-2009	9:26	18.792	15.181	12.181	3.082	13.932	ND	ND	13.932
MW8	1-Nov-2001	NR	20.056	16.416	13.416	5.830	14.226	NR	NR	14.226
	15-Oct-2002	NR	20.056	16.416	13.416	5.820	14.236	NR	NR	14.236
Shallow	5-Mar-2003	14:23	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	14-Apr-2003	13:47	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
Former Waste	9-Dec-2003	13:52	20.056	16.416	13.416	6.310	13.746	ND	ND	13.746
Control Site	9-Jan-2004	13:28	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	9-Feb-2004	14:08	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	8-Mar-2004	12:10	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	8-Apr-2004	11:04	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	10-May-2004	12:50	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	8-Jun-2004	NR	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	7-Jul-2004	13:43	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	9-Aug-2004	11:06	20.056	16.416	13.416	6.585	13.471	ND	ND	13.471
	14-Sep-2004	11:56	20.056	16.416	13.416	6.062	13.994	ND	ND	13.994
	11-Oct-2004	10:29	20.056	16.416	13.416	6.284	13.772	ND	ND	13.772
	11-Nov-2004	14:13	20.056	16.416	13.416	6.580	13.476	ND	ND	13.476
	9-May-2005	13:48	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	8-Jun-2005	14:17	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	8-Jul-2005	12:43	20.056	16.416	13.416	5.910	14.146	ND	ND	14.146
	19-Aug-2005	13:25	20.056	16.416	13.416	6.010	14.046	ND	ND	14.046
	16-Sep-2005	14:12	20.056	16.416	13.416	5.980	14.076	ND	ND	14.076
	12-May-2008	9:23	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	24-Mar-2009	9:01	20.056	16.416	13.416	DRY	DRY	ND	ND	NA
	24-Aug-2009	9:58	20.056	16.416	13.416	6.240	13.816	ND	ND	13.816
	17-Jun-2011	12:02	20.056	16.416	13.416	DRY	DRY	ND	ND	NA

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW21i	1-Nov-2001	NR	18.941	10.671	6.671	9.420	9.521	NR	NR	9.521
	15-Oct-2002	NR	18.941	10.671	6.671	9.880	9.061	NR	NR	9.061
Regional	5-Mar-2003	14:35	18.941	10.671	6.671	9.874	9.067	ND	ND	9.067
	14-Apr-2003	14:34	18.941	10.671	6.671	12.124	6.817	ND	ND	6.817
Former Waste	9-Dec-2003	14:49	18.941	10.671	6.671	8.910	10.031	ND	ND	10.031
Control Site	9-Jan-2004	14:40	18.941	10.671	6.671	9.450	9.491	ND	ND	9.491
	9-Feb-2004	14:39	18.941	10.671	6.671	9.714	9.227	ND	ND	9.227
	8-Mar-2004	13:03	18.941	10.671	6.671	10.030	8.911	ND	ND	8.911
	8-Apr-2004	12:36	18.941	10.671	6.671	10.240	8.701	ND	ND	8.701
	10-May-2004	13:12	18.941	10.671	6.671	10.378	8.563	ND	ND	8.563
	8-Jun-2004	13:46	18.941	10.671	6.671	10.400	8.541	ND	ND	8.541
	7-Jul-2004	14:11	18.941	10.671	6.671	10.155	8.786	ND	ND	8.786
	9-Aug-2004	14:05	18.941	10.671	6.671	10.920	8.021	ND	ND	8.021
	14-Sep-2004	12:23	20.050	10.671	6.671	10.498	9.552	ND	ND	9.552
	11-Oct-2004	11:04	20.050	10.671	6.671	10.382	9.668	ND	ND	9.668
	11-Nov-2004	14:31	20.050	10.671	6.671	10.372	9.678	ND	ND	9.678
	9-May-2005	13:01	20.050	10.671	6.671	11.380	8.670	ND	ND	8.670
	8-Jun-2005	13:53	20.050	10.671	6.671	11.230	8.820	ND	ND	8.820
	8-Jul-2005	13:03	20.050	10.671	6.671	10.665	9.385	ND	ND	9.385
	19-Aug-2005	13:40	20.050	10.671	6.671	10.330	9.720	ND	ND	9.720
	16-Sep-2005	14:24	20.050	10.671	6.671	9.860	10.190	ND	ND	10.190
	12-Dec-2006	11:07	20.050	10.671	6.671	10.625	9.425	ND	ND	9.425
	12-Jan-2007	10:20	20.050	10.671	6.671	10.830	9.220	ND	ND	9.220
	12-Feb-2007	12:10	20.050	10.671	6.671	11.020	9.030	ND	ND	9.030
	31-Mar-2008	11:00	20.050	10.671	6.671	10.750	9.300	ND	ND	9.300
	12-May-2008	8:39	20.050	10.671	6.671	11.130	8.920	ND	ND	8.920
	24-Mar-2009	9:18	20.050	10.671	6.671	10.890	9.160	ND	ND	9.160
	24-Aug-2009	9:35	20.050	10.671	6.671	10.605	9.445	ND	ND	9.445
	31-May-2010	15:05	20.050	10.671	6.671	10.735	9.315	ND	ND	9.315
	17-Jun-2011	12:16	20.050	10.671	6.671	11.650	8.400	ND	ND	8.400
	11-Jun-2012	13:15	20.050	10.671	6.671	11.700	8.350	ND	ND	8.350
MW22i	1-Nov-2001	NR	19.575	10.522	6.522	10.050	9.525	NR	NR	9.525
	15-Oct-2002	NR	19.575	10.522	6.522	9.990	9.585	NR	NR	9.585
Regional	5-Mar-2003	14:46	19.575	10.522	6.522	7.772	11.803	ND	ND	11.803
	14-Apr-2003	15:10	19.575	10.522	6.522	11.111	8.464	ND	ND	8.464
Former Waste	9-Dec-2003	14:34	19.575	10.522	6.522	9.885	9.690	ND	ND	9.690
Control Site	9-Jan-2004	15:20	19.575	10.522	6.522	10.130	9.445	ND	ND	9.445
	9-Feb-2004	15:05	19.575	10.522	6.522	10.428	9.147	ND	ND	9.147
	8-Mar-2004	13:44	19.575	10.522	6.522	10.740	8.835	ND	ND	8.835
	8-Apr-2004	12:06	19.575	10.522	6.522	11.250	8.325	ND	ND	8.325
	10-May-2004	13:34	19.575	10.522	6.522	11.280	8.295	ND	ND	8.295
	8-Jun-2004	14:26	19.575	10.522	6.522	11.320	8.255	ND	ND	8.255
	7-Jul-2004	14:37	19.575	10.522	6.522	11.250	8.325	ND	ND	8.325
	9-Aug-2004	12:18	19.575	10.522	6.522	10.870	8.705	ND	ND	8.705
	14-Sep-2004	13:03	19.575	10.522	6.522	10.383	9.192	ND	ND	9.192
	11-Oct-2004	11:20	19.575	10.522	6.522	10.189	9.386	ND	ND	9.386
	11-Nov-2004	14:52	19.575	10.522	6.522	10.174	9.401	ND	ND	9.401
	9-May-2005	12:35	19.575	10.522	6.522	11.395	8.180	ND	ND	8.180
	8-Jun-2005	13:32	19.575	10.522	6.522	11.240	8.335	ND	ND	8.335
	8-Jul-2005	13:28	19.575	10.522	6.522	10.630	8.945	ND	ND	8.945
	19-Aug-2005	13:54	19.575	10.522	6.522	10.140	9.435	ND	ND	9.435
	16-Sep-2005	14:46	19.575	10.522	6.522	9.700	9.875	ND	ND	9.875
	12-Dec-2006	10:56	19.575	10.522	6.522	10.695	8.880	ND	ND	8.880
	12-Jan-2007	10:35	19.575	10.522	6.522	10.900	8.675	ND	ND	8.675
	12-Feb-2007	12:20	19.575	10.522	6.522	11.160	8.415	ND	ND	8.415
	1-Apr-2008	11:00	19.575	10.522	6.522	11.280	8.295	ND	ND	8.295
	12-May-2008	8:25	19.575	10.522	6.522	11.320	8.255	ND	ND	8.255
	24-Mar-2009	8:36	19.575	10.522	6.522	10.968	8.607	ND	ND	8.607
	24-Aug-2009	9:04	19.575	10.522	6.522	10.865	8.710	ND	ND	8.710
	1-Jun-2010	10:00	19.575	10.522	6.522	11.485	8.090	ND	ND	8.090
	17-Jun-2011	12:26	19.575	10.522	6.522	11.920	7.655	ND	ND	7.655
	11-Jun-2012	13:15	19.575	10.522	6.522	11.130	8.445	ND	ND	8.445
MW23i	1-Nov-2001	NR	20.155	11.130	7.130	10.840	9.315	NR	NR	9.315
	15-Oct-2002	NR	20.155	11.130	7.130	10.840	9.315	NR	NR	9.315
Regional	5-Mar-2003	14:20	20.155	11.130	7.130	11.540	8.615	ND	ND	8.615
	14-Apr-2003	13:42	20.155	11.130	7.130	11.873	8.282	ND	ND	8.282
Former Waste	9-Dec-2003	14:06	20.155	11.130	7.130	10.700	9.455	ND	ND	9.455
Control Site	9-Jan-2004	13:40	20.155	11.130	7.130	10.930	9.225	ND	ND	9.225
	9-Feb-2004	14:12	20.155	11.130	7.130	11.218	8.937	ND	ND	8.937
	8-Mar-2004	12:18	20.155	11.130	7.130	11.510	8.645	ND	ND	8.645
	8-Apr-2004	11:09	20.155	11.130	7.130	11.790	8.365	ND	ND	8.365
	10-May-2004	13:38	20.155	11.130	7.130	12.024	8.131	ND	ND	8.131
	8-Jun-2004	13:07	20.155	11.130	7.130	12.060	8.095	ND	ND	8.095
	7-Jul-2004	13:46	20.155	11.130	7.130	11.860	8.295	ND	ND	8.295
	9-Aug-2004	11:10	20.155	11.130	7.130	11.635	8.520	ND	ND	8.520
	14-Sep-2004	11:51	20.155	11.130	7.130	11.202	8.953	ND	ND	8.953
	11-Oct-2004	10:48	20.155	11.130	7.130	11.007	9.148	ND	ND	9.148
	11-Nov-2004	14:03	20.155	11.130	7.130	10.974	9.181	ND	ND	9.181
	9-May-2005	13:37	20.155	11.130	7.130	12.150	8.005	ND	ND	8.005
	8-Jun-2005	14:08	20.155	11.130	7.130	12.005	8.150	ND	ND	8.150
	8-Jul-2005	12:53	20.155	11.130	7.130	11.450	8.705	ND	ND	8.705
	19-Aug-2005	13:31	20.155	11.130	7.130	10.935	9.220	ND	ND	9.220
	16-Sep-2005	14:17	20.155	11.130	7.130	10.570	9.585	ND	ND	9.585
	12-Dec-2006	11:15	20.155	11.130	7.130	11.485	8.670	ND	ND	8.670
	12-Jan-2007	10:15	20.155	11.130	7.130	11.675	8.480	ND	ND	8.480
	12-Feb-2007	12:02	20.155	11.130	7.130	11.920	8.235	ND	ND	8.235
	30-Mar-2008	11:00	20.155	11.130	7.130	12.020	8.135	ND	ND	8.135
	12-May-2008	8:03	20.155	11.130	7.130	12.080	8.075	ND	ND	8.075
	24-Mar-2009	8:51	20.155	11.130	7.130	11.760	8.395	ND	ND	8.395
	24-Aug-2009	10:14	20.155	11.130	7.130	11.655	8.500	ND	ND	8.500
	23-Sep-2009	08:40	20.155	11.130	7.130	11.235	8.920	ND	ND	8.920
	31-May-2010	12:30	20.155	11.130	7.130	12.170	7.985	ND	ND	7.985
	22-Dec-2010	14:05	20.155	11.130	7.130	11.824	8.331	ND	ND	8.331
	17-Jun-2011	12:39	20.155	11.130	7.130	12.655	7.500	ND	ND	7.500
	11-Jun-2012	13:22	20.155	11.130	7.130	11.890	8.265	ND	ND	8.265

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW24	5-Mar-2003	15:05	18.649	4.481	1.481	9.744	8.905	ND	ND	8.905
	14-Apr-2003	15:26	18.649	4.481	1.481	10.089	8.560	ND	ND	8.560
Base of	9-Dec-2003	13:15	18.649	4.481	1.481	8.855	9.794	ND	ND	9.794
Guildford	9-Jan-2004	15:36	18.649	4.481	1.481	9.100	9.549	ND	ND	9.549
	9-Feb-2004	15:21	18.649	4.481	1.481	9.397	9.252	ND	ND	9.252
Former Waste	8-Mar-2004	13:15	18.649	4.481	1.481	9.720	8.929	ND	ND	8.929
Control Site	8-Apr-2004	11:39	18.649	4.481	1.481	10.000	8.649	ND	ND	8.649
	10-May-2004	13:52	18.649	4.481	1.481	10.242	8.407	ND	ND	8.407
	8-Jun-2004	13:55	18.649	4.481	1.481	10.300	8.349	ND	ND	8.349
	7-Jul-2004	14:16	18.649	4.481	1.481	10.225	8.424	ND	ND	8.424
	9-Aug-2004	11:52	18.649	4.481	1.481	9.835	8.814	ND	ND	8.814
	14-Sep-2004	13:20	18.649	4.481	1.481	9.333	9.316	ND	ND	9.316
	11-Oct-2004	11:31	18.649	4.481	1.481	9.144	9.505	ND	ND	9.505
	11-Nov-2004	15:00	18.649	4.481	1.481	9.138	9.511	ND	ND	9.511
	9-May-2005	11:52	18.649	4.481	1.481	10.370	8.279	ND	ND	8.279
	8-Jun-2005	13:08	18.649	4.481	1.481	10.200	8.449	ND	ND	8.449
	8-Jul-2005	12:22	18.649	4.481	1.481	9.585	9.064	ND	ND	9.064
	19-Aug-2005	12:55	18.649	4.481	1.481	9.110	9.539	ND	ND	9.539
	16-Sep-2005	13:50	18.649	4.481	1.481	8.650	9.999	ND	ND	9.999
	13-Dec-2006	10:50	18.649	4.481	1.481	9.630	9.019	ND	ND	9.019
	12-Jan-2007	10:10	18.649	4.481	1.481	9.895	8.754	ND	ND	8.754
	12-Feb-2007	12:15	18.649	4.481	1.481	10.140	8.509	ND	ND	8.509
	12-May-2008	8:15	18.649	4.481	1.481	10.295	8.354	ND	ND	8.354
	24-Mar-2009	8:00	18.649	4.481	1.481	9.980	8.669	ND	ND	8.669
	24-Aug-2009	9:30	18.649	4.481	1.481	9.815	8.834	ND	ND	8.834
MW25	5-Mar-2003	14:49	18.843	2.875	-0.125	10.054	8.789	ND	ND	8.789
	14-Apr-2003	15:10	18.843	2.875	-0.125	10.405	8.438	ND	ND	8.438
Base of	9-Dec-2003	14:30	18.843	2.875	-0.125	9.821	9.022	ND	ND	9.022
Guildford	9-Jan-2004	15:09	18.843	2.875	-0.125	9.410	9.433	ND	ND	9.433
	9-Feb-2004	14:59	18.843	2.875	-0.125	9.710	9.133	ND	ND	9.133
Former Waste	8-Mar-2004	13:40	18.843	2.875	-0.125	10.020	8.823	ND	ND	8.823
Control Site	8-Apr-2004	12:00	18.843	2.875	-0.125	10.300	8.543	ND	ND	8.543
	10-May-2004	13:30	18.843	2.875	-0.125	10.540	8.303	ND	ND	8.303
	8-Jun-2004	14:15	18.843	2.875	-0.125	10.600	8.243	ND	ND	8.243
	7-Jul-2004	14:33	18.843	2.875	-0.125	10.548	8.295	ND	ND	8.295
	9-Aug-2004	12:10	18.843	2.875	-0.125	10.140	8.703	ND	ND	8.703
	14-Sep-2004	13:00	18.843	2.875	-0.125	9.673	9.170	ND	ND	9.170
	11-Oct-2004	11:17	18.843	2.875	-0.125	9.482	9.361	ND	ND	9.361
	11-Nov-2004	14:50	18.843	2.875	-0.125	9.460	9.383	ND	ND	9.383
	9-May-2005	12:37	18.843	2.875	-0.125	10.665	8.178	ND	ND	8.178
	8-Jun-2005	13:36	18.843	2.875	-0.125	10.515	8.328	ND	ND	8.328
	8-Jul-2005	13:25	18.843	2.875	-0.125	9.920	8.923	ND	ND	8.923
	19-Aug-2005	13:58	18.843	2.875	-0.125	9.425	9.418	ND	ND	9.418
	16-Sep-2005	14:48	18.843	2.875	-0.125	9.005	9.838	ND	ND	9.838
	12-Dec-2006	10:53	18.843	2.875	-0.125	9.985	8.858	ND	ND	8.858
	12-Jan-2007	10:40	18.843	2.875	-0.125	10.190	8.653	ND	ND	8.653
	12-Feb-2007	12:23	18.843	2.875	-0.125	10.430	8.413	ND	ND	8.413
	30-Mar-2008	11:00	18.843	2.875	-0.125	10.510	8.333	ND	ND	8.333
	12-May-2008	8:28	18.843	2.875	-0.125	10.600	8.243	ND	ND	8.243
	13-Oct-2008	12:25	18.843	2.875	-0.125	9.400	9.443	ND	ND	9.443
	24-Mar-2009	8:30	18.843	2.875	-0.125	10.278	8.565	ND	ND	8.565
	24-Aug-2009	9:07	18.843	2.875	-0.125	10.160	8.683	ND	ND	8.683
	1-Jun-2010	8:20	18.843	2.875	-0.125	10.760	8.083	ND	ND	8.083
	17-Jun-2011	12:28	18.843	2.875	-0.125	11.190	7.653	ND	ND	7.653
	11-Jun-2012	13:18	18.843	2.875	-0.125	10.415	8.428	ND	ND	8.428
MW26	5-Mar-2003	14:54	18.660	16.223	13.223	4.124	14.536	ND	ND	14.536
	14-Apr-2003	14:49	18.660	16.223	13.223	4.258	14.402	ND	ND	14.402
Shallow	9-Dec-2003	14:35	18.660	16.223	13.223	3.700	14.960	ND	ND	14.960
	9-Jan-2004	14:49	18.660	16.223	13.223	3.920	14.740	ND	ND	14.740
Former Waste	9-Feb-2004	14:48	18.660	16.223	13.223	4.087	14.573	ND	ND	14.573
Control Site	8-Mar-2004	13:33	18.660	16.223	13.223	4.230	14.430	ND	ND	14.430
	8-Apr-2004	11:34	18.660	16.223	13.223	4.335	14.325	ND	ND	14.325
	10-May-2004	13:16	18.660	16.223	13.223	4.493	14.167	ND	ND	14.167
	8-Jun-2004	14:20	18.660	16.223	13.223	4.580	14.080	ND	ND	14.080
	7-Jul-2004	14:39	18.660	16.223	13.223	4.120	14.540	ND	ND	14.540
	9-Aug-2004	12:14	18.660	16.223	13.223	3.763	14.897	ND	ND	14.897
	14-Sep-2004	12:30	18.660	16.223	13.223	3.387	15.273	ND	ND	15.273
	11-Oct-2004	11:08	18.660	16.223	13.223	3.557	15.103	ND	ND	15.103
	11-Nov-2004	14:35	18.660	16.223	13.223	3.779	14.881	ND	ND	14.881
	9-May-2005	12:56	18.660	16.223	13.223	4.440	14.220	ND	ND	14.220
	8-Jun-2005	13:45	18.660	16.223	13.223	4.030	14.630	ND	ND	14.630
	8-Jul-2005	13:33	18.660	16.223	13.223	3.100	15.560	ND	ND	15.560
	19-Aug-2005	13:38	18.660	16.223	13.223	3.460	15.200	ND	ND	15.200
	16-Sep-2005	14:27	18.660	16.223	13.223	3.215	15.445	ND	ND	15.445
	12-May-2008	8:30	18.66	16.223	13.223	4.860	13.800	ND	ND	13.800
	24-Mar-2009	8:26	18.660	16.223	13.223	DRY	DRY	ND	ND	NA
	24-Aug-2009	9:20	18.66	16.223	13.223	3.160	13.800	ND	ND	13.800
	17-Jun-2011	12:22	19.66	16.223	13.223	DRY	DRY	ND	ND	NA
MW27	5-Mar-2003	14:30	19.237	3.834	0.834	10.566	8.671	ND	ND	8.671
	14-Apr-2003	13:57	19.237	3.834	0.834	10.905	8.332	ND	ND	8.332
Base of	9-Dec-2003	13:46	19.237	3.834	0.834	9.720	9.517	ND	ND	9.517
Guildford	9-Jan-2004	14:02	19.237	3.834	0.834	9.945	9.292	ND	ND	9.292
	9-Feb-2004	14:22	19.237	3.834	0.834	10.243	8.994	ND	ND	8.994
Former Waste	8-Mar-2004	12:30	19.237	3.834	0.834	10.550	8.687	ND	ND	8.687
Control Site	8-Apr-2004	11:22	19.237	3.834	0.834	10.825	8.412	ND	ND	8.412
	10-May-2004	12:58	19.237	3.834	0.834	11.053	8.184	ND	ND	8.184
	8-Jun-2004	13:18	19.237	3.834	0.834	11.073	8.164	ND	ND	8.164
	7-Jul-2004	13:53	19.237	3.834	0.834	11.049	8.188	ND	ND	8.188
	9-Aug-2004	11:17	19.237	3.834	0.834	10.652	8.585	ND	ND	8.585
	14-Sep-2004	12:00	19.237	3.834	0.834	10.192	9.045	ND	ND	9.045
	11-Oct-2004	10:53	19.237	3.834	0.834	10.003	9.234	ND	ND	9.234
	11-Nov-2004	14:17	19.237	3.834	0.834	9.990	9.247	ND	ND	9.247
	9-May-2005	13:55	19.237	3.834	0.834	11.180	8.057	ND	ND	8.057
	8-Jun-2005	14:24	19.237	3.834	0.834	11.025	8.212	ND	ND	8.212
	8-Jul-2005	12:40	19.237	3.834	0.834	10.440	8.797	ND	ND	8.797
	19-Aug-2005	13:14	19.237	3.834	0.834	9.960	9.277	ND	ND	9.277
	16-Sep-2005	14:05	19.237	3.834	0.834	9.560	9.677	ND	ND	9.677
	13-Dec-2006	11:00	19.237	3.834	0.834	10.450	8.787	ND	ND	8.787
	12-Jan-2007	10:30	19.237	3.834	0.834	10.715	8.522	ND	ND	8.522
	12-Feb-2007	12:06	19.237	3.834	0.834	10.960	8.277	ND	ND	8.277
	12-May-2008	9:11	19.237	3.834	0.834	11.120	8.117	ND	ND	8.117
	24-Mar-2009	9:13	19.237	3.834	0.834	10.810	8.427	ND	ND	8.427
	24-Aug-2009	10:10	19.237	3.834	0.834	10.670	8.567	ND	ND	8.567
	17-Jun-2011	12:52	19.237	3.834	0.834	11.700	7.537	ND	ND	7.537

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW28	5-Mar-2003	14:25	19.248	9.411	8.411	6.664	12.584	ND	ND	12.584
	14-Apr-2003	13:53	19.248	9.411	8.411	6.848	12.400	ND	ND	12.400
Shallow	9-Dec-2003	15	19.248	9.411	8.411	6.162	13.086	ND	ND	13.086
	9-Jan-2004	13:51	19.248	9.411	8.411	6.360	12.888	ND	ND	12.888
Former Waste	9-Feb-2004	14:17	19.248	9.411	8.411	6.502	12.746	ND	ND	12.746
Control Site	8-Mar-2004	12:23	19.248	9.411	8.411	6.760	12.488	ND	ND	12.488
	8-Apr-2004	11:18	19.248	9.411	8.411	6.820	12.428	ND	ND	12.428
	10-May-2004	12:52	19.248	9.411	8.411	6.882	12.366	ND	ND	12.366
	8-Jun-2004	13:13	19.248	9.411	8.411	6.770	12.478	ND	ND	12.478
	7-Jul-2004	13:50	19.248	9.411	8.411	6.520	12.728	ND	ND	12.728
	9-Aug-2004	14:14	19.248	9.411	8.411	6.315	12.933	ND	ND	12.933
	14-Sep-2004	12:11	19.248	9.411	8.411	5.596	13.652	ND	ND	13.652
	11-Oct-2004	10:42	19.248	9.411	8.411	6.008	13.240	ND	ND	13.240
	11-Nov-2004	14:10	19.248	9.411	8.411	6.225	13.023	ND	ND	13.023
	9-May-2005	13:27	19.248	9.411	8.411	6.900	12.348	ND	ND	12.348
	8-Jun-2005	14:20	19.248	9.411	8.411	6.560	12.688	ND	ND	12.688
	8-Jul-2005	12:56	19.248	9.411	8.411	5.860	13.388	ND	ND	13.388
	19-Aug-2005	13:22	19.248	9.411	8.411	5.945	13.303	ND	ND	13.303
	16-Sep-2005	14:10	19.248	9.411	8.411	5.710	13.538	ND	ND	13.538
	12-May-2008	9:06	19.248	9.411	8.411	7.510	11.738	ND	ND	11.738
	24-Aug-2009	9:52	19.248	9.411	8.411	6.950	12.298	ND	ND	12.298
	17-Jun-2011	12:48	20.248	9.411	8.411	7.750	12.498	ND	ND	12.498
MW29	5-Mar-2003	15:35	19.884	18.289	15.289	3.168	16.716	ND	ND	16.716
	14-Apr-2003	13:10	19.884	18.289	15.289	3.179	16.705	ND	ND	16.705
Shallow	9-Dec-2003	10:28	19.884	18.289	15.289	3.231	16.653	ND	ND	16.653
	9-Jan-2004	10:29	19.884	18.289	15.289	3.375	16.509	ND	ND	16.509
Hanson	9-Feb-2004	11:43	19.884	18.289	15.289	3.422	16.462	ND	ND	16.462
	8-Mar-2004	9:41	19.884	18.289	15.289	3.400	16.484	ND	ND	16.484
	8-Apr-2004	9:09	19.884	18.289	15.289	3.425	16.459	ND	ND	16.459
	10-May-2004	11:37	19.884	18.289	15.289	3.397	16.487	ND	ND	16.487
	8-Jun-2004	12:33	19.884	18.289	15.289	2.940	16.944	ND	ND	16.944
	7-Jul-2004	3:20	19.884	18.289	15.289	2.900	16.984	ND	ND	16.984
	9-Aug-2004	10:13	19.884	18.289	15.289	2.940	16.944	ND	ND	16.944
	14-Sep-2004	10:16	19.884	18.289	15.289	2.944	16.940	ND	ND	16.940
	11-Oct-2004	9:38	19.884	18.289	15.289	3.060	16.824	ND	ND	16.824
	11-Nov-2004	12:50	19.884	18.289	15.289	3.150	16.734	ND	ND	16.734
	9-May-2005	15:34	19.884	18.289	15.289	3.525	16.359	ND	ND	16.359
	8-Jun-2005	11:45	19.884	18.289	15.289	3.350	16.534	ND	ND	16.534
	8-Jul-2005	12:06	19.884	18.289	15.289	3.045	16.839	ND	ND	16.839
	19-Aug-2005	12:31	19.884	18.289	15.289	3.185	16.699	ND	ND	16.699
	16-Sep-2005	10:30	19.884	18.289	15.289	3.118	16.766	ND	ND	16.766
	12-May-2008	10:13	19.884	18.289	15.289	3.480	16.404	ND	ND	16.404
	24-Aug-2009	13:36	19.884	18.289	15.289	3.075	16.809	ND	ND	16.809
MW30	5-Mar-2003	15:34	19.852	1.305	-1.695	11.304	8.548	ND	ND	8.548
	14-Apr-2003	13:13	19.852	1.305	-1.695	11.550	8.302	ND	ND	8.302
Base of	9-Dec-2003	11:12	19.852	1.305	-1.695	10.491	9.361	ND	ND	9.361
Guildford	9-Jan-2004	10:22	19.852	1.305	-1.695	10.712	9.140	ND	ND	9.140
	9-Feb-2004	11:41	19.852	1.305	-1.695	11.004	8.848	ND	ND	8.848
Hanson	8-Mar-2004	9:33	19.852	1.305	-1.695	11.300	8.552	ND	ND	8.552
	8-Apr-2004	8:58	19.852	1.305	-1.695	11.580	8.272	ND	ND	8.272
	10-May-2004	11:34	19.852	1.305	-1.695	11.795	8.057	ND	ND	8.057
	8-Jun-2004	12:27	19.852	1.305	-1.695	11.840	8.012	ND	ND	8.012
	7-Jul-2004	13:13	19.852	1.305	-1.695	11.851	8.001	ND	ND	8.001
	9-Aug-2004	10:10	19.852	1.305	-1.695	11.400	8.452	ND	ND	8.452
	14-Sep-2004	10:15	19.852	1.305	-1.695	10.980	8.872	ND	ND	8.872
	11-Oct-2004	9:35	19.852	1.305	-1.695	10.783	9.069	ND	ND	9.069
	11-Nov-2004	12:47	19.852	1.305	-1.695	10.752	9.100	ND	ND	9.100
	9-May-2005	15:36	19.852	1.305	-1.695	11.920	7.932	ND	ND	7.932
	8-Jun-2005	11:48	19.852	1.305	-1.695	11.770	8.082	ND	ND	8.082
	8-Jul-2005	12:08	19.852	1.305	-1.695	11.215	8.637	ND	ND	8.637
	19-Aug-2005	12:33	19.852	1.305	-1.695	10.715	9.137	ND	ND	9.137
	16-Sep-2005	10:28	19.852	1.305	-1.695	10.378	9.474	ND	ND	9.474
	12-Dec-2006	16:15	19.852	1.305	-1.695	11.300	8.552	ND	ND	8.552
	12-Jan-2007	11:45	19.852	1.305	-1.695	11.460	8.392	ND	ND	8.392
	12-Feb-2007	10:40	19.852	1.305	-1.695	11.715	8.137	ND	ND	8.137
	12-May-2008	10:09	19.852	1.305	-1.695	11.870	7.982	ND	ND	7.982
	24-Mar-2009	13:07	19.852	1.305	-1.695	11.540	8.312	ND	ND	8.312
	24-Aug-2009	13:39	19.852	1.305	-1.695	11.425	8.427	ND	ND	8.427
MW31	5-Mar-2003	15:23	19.433	16.211	13.211	4.546	14.887	ND	ND	14.887
	14-Apr-2003	13:23	19.433	16.211	13.211	4.310	15.123	ND	ND	15.123
Shallow	9-Dec-2003	10:36	19.433	16.211	13.211	4.291	15.142	ND	ND	15.142
	9-Jan-2004	10:37	19.433	16.211	13.211	4.480	14.953	ND	ND	14.953
Hanson	9-Feb-2004	11:33	19.433	16.211	13.211	4.542	14.891	ND	ND	14.891
	8-Mar-2004	10:10	19.433	16.211	13.211	4.630	14.803	ND	ND	14.803
	8-Apr-2004	9:21	19.433	16.211	13.211	4.698	14.735	ND	ND	14.735
	10-May-2004	11:29	19.433	16.211	13.211	4.775	14.658	ND	ND	14.658
	8-Jun-2004	12:16	19.433	16.211	13.211	4.130	15.303	ND	ND	15.303
	7-Jul-2004	13:00	19.433	16.211	13.211	4.050	15.383	ND	ND	15.383
	9-Aug-2004	10:22	19.433	16.211	13.211	4.085	15.348	ND	ND	15.348
	14-Sep-2004	10:06	19.433	16.211	13.211	3.942	15.491	ND	ND	15.491
	11-Oct-2004	9:28	19.433	16.211	13.211	4.198	15.235	ND	ND	15.235
	11-Nov-2004	12:41	19.433	16.211	13.211	4.290	15.143	ND	ND	15.143
	9-May-2005	15:25	19.433	16.211	13.211	4.080	15.353	ND	ND	15.353
	8-Jun-2005	11:37	19.433	16.211	13.211	3.435	15.998	ND	ND	15.998
	8-Jul-2005	11:59	19.433	16.211	13.211	3.725	15.708	ND	ND	15.708
	19-Aug-2005	12:20	19.433	16.211	13.211	3.960	15.473	ND	ND	15.473
	16-Sep-2005	10:22	19.433	16.211	13.211	3.835	15.598	ND	ND	15.598
Destroyed										

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW32	5-Mar-2003	15:25	19.444	10.459	7.459	6.864	12.580	ND	ND	12.580
	14-Apr-2003	13:19	19.444	10.459	7.459	7.062	12.382	ND	ND	12.382
Shallow	9-Dec-2003	10:41	19.444	10.459	7.459	6.490	12.954	ND	ND	12.954
	9-Jan-2004	10:42	19.444	10.459	7.459	6.635	12.809	ND	ND	12.809
Hanson	9-Feb-2004	11:36	19.444	10.459	7.459	6.742	12.702	ND	ND	12.702
	8-Mar-2004	10:16	19.444	10.459	7.459	6.961	12.483	ND	ND	12.483
	8-Apr-2004	9:16	19.444	10.459	7.459	7.020	12.424	ND	ND	12.424
	10-May-2004	11:31	19.444	10.459	7.459	7.073	12.371	ND	ND	12.371
	8-Jun-2004	12:21	19.444	10.459	7.459	7.010	12.434	ND	ND	12.434
	7-Jul-2004	13:06	19.444	10.459	7.459	6.680	12.764	ND	ND	12.764
	9-Aug-2004	10:18	19.444	10.459	7.459	6.638	12.806	ND	ND	12.806
	14-Sep-2004	10:09	19.444	10.459	7.459	6.332	13.112	ND	ND	13.112
	11-Oct-2004	9:31	19.444	10.459	7.459	6.328	13.116	ND	ND	13.116
	11-Nov-2004	12:43	19.444	10.459	7.459	6.508	12.936	ND	ND	12.936
	9-May-2005	15:28	19.444	10.459	7.459	7.140	12.304	ND	ND	12.304
	8-Jun-2005	11:40	19.444	10.459	7.459	6.905	12.539	ND	ND	12.539
	8-Jul-2005	12:02	19.444	10.459	7.459	6.280	13.164	ND	ND	13.164
	19-Aug-2005	12:23	19.444	10.459	7.459	6.335	13.109	ND	ND	13.109
	16-Sep-2005	10:23	19.444	10.459	7.459	NM	NM	NM	NM	NA
	12-May-2008	9:54	19.444	10.459	7.459	7.140	12.304	ND	ND	12.304
	24-Mar-2009	13:03	19.444	10.459	7.459	7.340	12.104	ND	ND	12.104
	24-Aug-2009	13:49	19.444	10.459	7.459	6.820	12.624	ND	ND	12.624
	29-Jun-2011	14:42	19.444	10.459	7.459	7.750	11.694	ND	ND	11.694
	11-Jun-2012	13:00	19.444	10.459	7.459	7.350	12.094	ND	ND	12.094
MW33	5-Mar-2003	15:15	18.589	-6.340	-9.340	9.737	8.852	ND	ND	8.852
	14-Apr-2003	13:27	18.589	-6.340	-9.340	10.051	8.538	ND	ND	8.538
Leederville	9-Dec-2003	10:49	18.589	-6.340	-9.340	8.810	9.779	ND	ND	9.779
	9-Jan-2004	10:51	18.589	-6.340	-9.340	9.070	9.519	ND	ND	9.519
Hanson	9-Feb-2004	11:27	18.589	-6.340	-9.340	9.373	9.216	ND	ND	9.216
	8-Mar-2004	10:01	18.589	-6.340	-9.340	9.695	8.894	ND	ND	8.894
	8-Apr-2004	9:22	18.589	-6.340	-9.340	9.965	8.624	ND	ND	8.624
	10-May-2004	11:24	18.589	-6.340	-9.340	10.192	8.397	ND	ND	8.397
	8-Jun-2004	12:10	18.589	-6.340	-9.340	10.195	8.394	ND	ND	8.394
	7-Jul-2004	NM	18.589	-6.340	-9.340	Under water	Under water	NM	NM	NA
	9-Aug-2004	10:30	18.589	-6.340	-9.340	9.700	8.889	ND	ND	8.889
	14-Sep-2004	10:01	18.589	-6.340	-9.340	9.227	9.362	ND	ND	9.362
	11-Oct-2004	9:25	18.589	-6.340	-9.340	9.035	9.554	ND	ND	9.554
	11-Nov-2004	12:36	18.589	-6.340	-9.340	9.037	9.552	ND	ND	9.552
	9-May-2005	15:20	18.589	-6.340	-9.340	10.260	8.329	ND	ND	8.329
	8-Jun-2005	11:28	18.589	-6.340	-9.340	10.070	8.519	ND	ND	8.519
	8-Jul-2005	11:55	18.589	-6.340	-9.340	9.445	9.144	ND	ND	9.144
	19-Aug-2005	12:15	18.599	-6.340	-9.340	9.050	9.549	ND	ND	9.549
	16-Sep-2005	10:18	18.599	-6.340	-9.340	8.635	9.964	ND	ND	9.964
	12-Dec-2006	15:40	18.599	-6.340	-9.340	9.605	8.994	ND	ND	8.994
	12-Jan-2007	11:30	18.599	-6.340	-9.340	9.730	8.869	ND	ND	8.869
	12-Feb-2007	10:10	18.599	-6.340	-9.340	9.940	8.659	ND	ND	8.659
	12-May-2008		18.599	-6.340	-9.340	Unable to open	NM			
	24-Mar-2009	12:52	18.599	-6.340	-9.340	9.950	8.649	ND	ND	8.649
	24-Aug-2009	14:18	18.599	-6.340	-9.340	9.645	8.954	ND	ND	8.954
	17-Jun-2011	11:45	18.599	-6.340	-9.340	10.830	7.769	ND	ND	7.769
	11-Jun-2012		18.599	-6.340	-9.340	Inaccessible				
MW34	5-Mar-2003	15:38	20.197	-0.813	-2.813	11.645	8.552	ND	ND	8.552
	14-Apr-2003	11:48	20.197	-0.813	-2.813	12.052	8.145	ND	ND	8.145
Base of	9-Dec-2003	11:00	20.197	-0.813	-2.813	10.890	9.307	ND	ND	9.307
Guildford	9-Jan-2004	9:27	20.197	-0.813	-2.813	11.110	9.087	ND	ND	9.087
	9-Feb-2004	11:17	20.197	-0.813	-2.813	11.421	8.776	ND	ND	8.776
Oliver St	8-Mar-2004	9:24	20.197	-0.813	-2.813	11.692	8.505	ND	ND	8.505
	8-Apr-2004	8:36	20.197	-0.813	-2.813	11.928	8.269	ND	ND	8.269
	10-May-2004	11:12	20.197	-0.813	-2.813	12.194	8.003	ND	ND	8.003
	8-Jun-2004	11:10	20.197	-0.813	-2.813	12.210	7.987	ND	ND	7.987
	7-Jul-2004	13:31	20.197	-0.813	-2.813	12.079	8.118	ND	ND	8.118
	9-Aug-2004	9:30	20.197	-0.813	-2.813	11.770	8.427	ND	ND	8.427
	14-Sep-2004	9:50	20.197	-0.813	-2.813	11.385	8.812	ND	ND	8.812
	11-Oct-2004	9:12	20.197	-0.813	-2.813	11.172	9.025	ND	ND	9.025
	11-Nov-2004	12:28	20.197	-0.813	-2.813	11.138	9.059	ND	ND	9.059
	9-May-2005	17:33	20.197	-0.813	-2.813	10.305	9.892	ND	ND	9.892
	8-Jun-2005	15:00	20.197	-0.813	-2.813	12.155	8.042	ND	ND	8.042
	8-Jul-2005	14:07	20.197	-0.813	-2.813	11.570	8.627	ND	ND	8.627
	19-Aug-2005	14:45	20.197	-0.813	-2.813	11.075	9.122	ND	ND	9.122
	16-Sep-2005	13:40	20.197	-0.813	-2.813	10.740	9.457	ND	ND	9.457
	12-Dec-2006	16:30	20.197	-0.813	-2.813	11.670	8.527	ND	ND	8.527
	12-Jan-2007	08:35	20.197	-0.813	-2.813	11.840	8.357	ND	ND	8.357
	12-Feb-2007	09:44	20.197	-0.813	-2.813	12.095	8.102	ND	ND	8.102
	12-May-2008	10:46	20.197	-0.813	-2.813	12.220	7.977	ND	ND	7.977
	24-Mar-2009	12:24	20.197	-0.813	-2.813	11.920	8.277	ND	ND	8.277
	24-Aug-2009	13:09	20.197	-0.813	-2.813	11.745	8.452	ND	ND	8.452
MW35	5-Mar-2003	15:44	20.029	-5.943	-8.943	12.996	7.033	ND	ND	7.033
	14-Apr-2003	11:33	20.029	-5.943	-8.943	12.253	7.776	ND	ND	7.776
Leederville	9-Dec-2003	11:20	20.029	-5.943	-8.943	11.220	8.809	ND	ND	8.809
	9-Jan-2004	9:10	20.029	-5.943	-8.943	11.440	8.589	ND	ND	8.589
Stanley St	9-Feb-2004	10:37	20.029	-5.943	-8.943	11.744	8.285	ND	ND	8.285
	8-Mar-2004	9:10	20.029	-5.943	-8.943	12.020	8.009	ND	ND	8.009
	8-Apr-2004	8:25	20.029	-5.943	-8.943	12.270	7.759	ND	ND	7.759
	10-May-2004	10:56	20.029	-5.943	-8.943	12.404	7.625	ND	ND	7.625
	8-Jun-2004	11:04	20.029	-5.943	-8.943	12.330	7.699	ND	ND	7.699
	7-Jul-2004	11:00	20.029	-5.943	-8.943	12.060	7.969	ND	ND	7.969
	9-Aug-2004	9:21	20.029	-5.943	-8.943	11.850	8.179	ND	ND	8.179
	14-Sep-2004	9:43	20.029	-5.943	-8.943	11.418	8.611	ND	ND	8.611
	11-Oct-2004	9:04	20.029	-5.943	-8.943	11.334	8.695	ND	ND	8.695
	11-Nov-2004	12:15	20.029	-5.943	-8.943	11.378	8.651	ND	ND	8.651
	9-May-2005	17:40	20.029	-5.943	-8.943	NM	NM	ND	ND	NA
	8-Jun-2005	15:15	20.029	-5.943	-8.943	NM	NM	ND	ND	NA
	8-Jul-2005	14:15	20.029	-5.943	-8.943	NM	NM	ND	ND	NA
	19-Aug-2005	15:06	20.172	-5.943	-8.943	11.325	8.847	ND	ND	8.847
	16-Sep-2005	15:20	20.172	-5.943	-8.943	11.040	9.132	ND	ND	9.132
	13-Dec-2006	10:40	20.172	-5.943	-8.943	11.925	8.247	ND	ND	8.247
	12-Jan-2007	07:50	20.172	-5.943	-8.943	12.200	7.972	ND	ND	7.972
	12-Feb-2007	09:20	20.172	-5.943	-8.943	12.460	7.712	ND	ND	7.712
	12-May-2008	11:03	20.172	-5.943	-8.943	12.500	7.672	ND	ND	7.672
	24-Mar-2009	15:00	20.172	-5.943	-8.943	12.300	7.872	ND	ND	7.872
	24-Aug-2009	14:35	20.172	-5.943	-8.943	11.845	8.327	ND	ND	8.327
	17-Jun-2011	9:16	20.172	-5.943	-8.943	13.050	7.122	ND	ND	7.122
	11-Jun-2012	10:57	20.172	-5.943	-8.943	13.235	6.937	ND	ND	6.937

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW36	5-Mar-2003	15:50	9.185	-3.566	-6.566	3.886	5.299	ND	ND	5.299
	14-Apr-2003	10:26	9.185	-3.566	-6.566	2.718	6.467	ND	ND	6.467
Alluvium	9-Dec-2003	11:49	9.185	-3.566	-6.566	2.230	6.955	ND	ND	6.955
	9-Jan-2004	7:32	9.185	-3.566	-6.566	2.450	6.735	ND	ND	6.735
Damplands	9-Feb-2004	9:52	9.185	-3.566	-6.566	2.693	6.492	ND	ND	6.492
	8-Mar-2004	8:01	9.185	-3.566	-6.566	2.910	6.275	ND	ND	6.275
	8-Apr-2004	7:24	9.185	-3.566	-6.566	3.080	6.105	ND	ND	6.105
	10-May-2004	10:18	9.185	-3.566	-6.566	2.998	6.187	ND	ND	6.187
	8-Jun-2004	10:08	9.185	-3.566	-6.566	2.594	6.591	ND	ND	6.591
	7-Jul-2004	10:40	9.185	-3.566	-6.566	2.180	7.005	ND	ND	7.005
	9-Aug-2004	8:34	9.185	-3.566	-6.566	2.025	7.160	ND	ND	7.160
	14-Sep-2004	8:54	9.185	-3.566	-6.566	1.814	7.371	ND	ND	7.371
	11-Oct-2004	8:25	9.185	-3.566	-6.566	1.962	7.223	ND	ND	7.223
	11-Nov-2004	11:43	9.185	-3.566	-6.566	2.068	7.117	ND	ND	7.117
	9-May-2005	10:03	9.185	-3.566	-6.566	2.760	6.425	ND	ND	6.425
	8-Jun-2005	8:55	9.185	-3.566	-6.566	2.170	7.015	ND	ND	7.015
	8-Jul-2005	8:07	9.185	-3.566	-6.566	1.650	7.535	ND	ND	7.535
	19-Aug-2005	9:07	9.185	-3.566	-6.566	1.395	7.790	ND	ND	7.790
	16-Sep-2005	7:23	9.185	-3.566	-6.566	1.620	7.565	ND	ND	7.565
	12-Dec-2006	11:58	9.185	-3.566	-6.566	2.515	6.670	ND	ND	6.670
	12-Jan-2007	06:50	9.185	-3.566	-6.566	2.720	6.465	ND	ND	6.465
	12-Feb-2007	08:40	9.185	-3.566	-6.566	3.055	6.130	ND	ND	6.130
	12-May-2008	13:43	9.185	-3.566	-6.566	2.780	6.405	ND	ND	6.405
	3-Apr-2009	12:31	9.185	-3.566	-6.566	3.240	5.945	ND	ND	5.945
	24-Aug-2009	15:58	9.185	-3.566	-6.566	1.525	7.660	ND	ND	7.660
	17-Sep-2009	14:05	9.185	-3.566	-6.566	1.570	7.615	ND	ND	7.615
	2-Jun-2010	10:05	9.185	-3.566	-6.566	3.050	6.135	ND	ND	6.135
	22-Dec-2010	12:54	9.185	-3.566	-6.566	2.893	6.292	ND	ND	6.292
	17-Jun-2011	8:17	9.185	-3.566	-6.566	3.310	5.875	ND	ND	5.875
	11-Jun-2012	9:07	9.185	-3.566	-6.566	2.240	6.945	ND	ND	6.945
MW37	5-Mar-2003	14:10	19.341	9.583	6.583	11.014	8.327	ND	ND	8.327
	14-Apr-2003	12:07	19.341	9.583	6.583	11.313	8.028	ND	ND	8.028
Regional	9-Dec-2003	9:57	19.341	9.583	6.583	10.210	9.131	ND	ND	9.131
	9-Jan-2004	11:24	19.341	9.583	6.583	10.428	8.913	ND	ND	8.913
Lot 2	9-Feb-2004	12:43	19.341	9.583	6.583	10.714	8.627	ND	ND	8.627
	8-Mar-2004	10:30	19.341	9.583	6.583	11.000	8.341	ND	ND	8.341
	8-Apr-2004	9:54	19.341	9.583	6.583	11.260	8.081	ND	ND	8.081
	10-May-2004	11:44	19.341	9.583	6.583	11.464	7.877	ND	ND	7.877
	8-Jun-2004	11:25	19.341	9.583	6.583	12.460	6.881	ND	ND	6.881
	7-Jul-2004	11:02	19.341	9.583	6.583	11.225	8.116	ND	ND	8.116
	9-Aug-2004	13:10	19.341	9.583	6.583	10.998	8.343	ND	ND	8.343
	14-Sep-2004	10:26	19.341	9.583	6.583	10.583	8.758	ND	ND	8.758
	11-Oct-2004	1:48	19.341	9.583	6.583	10.425	8.916	ND	ND	8.916
	11-Nov-2004	13:27	19.341	9.583	6.583	10.428	8.913	ND	ND	8.913
	9-May-2005	16:33	19.341	9.583	6.583	11.555	7.786	ND	ND	7.786
	8-Jun-2005	12:30	19.341	9.583	6.583	11.370	7.971	ND	ND	7.971
	8-Jul-2005	11:17	19.341	9.583	6.583	10.775	8.566	ND	ND	8.566
	19-Aug-2005	11:33	19.341	9.583	6.583	10.360	8.981	ND	ND	8.981
	16-Sep-2005	9:26	19.341	9.583	6.583	10.040	9.301	ND	ND	9.301
	12-Dec-2006	17:56	19.341	9.583	6.583	10.955	8.386	ND	ND	8.386
	12-Jan-2007	09:25	19.341	9.583	6.583	11.140	8.201	ND	ND	8.201
	12-Feb-2007	11:27	19.341	9.583	6.583	11.390	7.951	ND	ND	7.951
	18-Mar-2008	11:00	19.341	9.583	6.583	11.430	7.911	ND	ND	7.911
	12-May-2008	13:16	19.341	9.583	6.583	11.490	7.851	ND	ND	7.851
	24-Mar-2009	11:00	19.341	9.583	6.583	11.246	8.095	ND	ND	8.095
	24-Aug-2009	11:56	19.341	9.583	6.583	10.960	8.381	ND	ND	8.381
	22-Dec-2010	8:09	19.341	9.583	6.583	11.290	8.051	ND	ND	8.051
MW38	5-Mar-2003	16:00	19.341	-3.880	-6.880	11.110	8.231	ND	ND	8.231
	14-Apr-2003	12:12	19.341	-3.880	-6.880	11.369	7.972	ND	ND	7.972
Leederville	9-Dec-2003	9:49	19.341	-3.880	-6.880	10.310	9.031	ND	ND	9.031
	9-Jan-2004	11:15	19.341	-3.880	-6.880	10.530	8.811	ND	ND	8.811
Lot 2	9-Feb-2004	12:47	19.341	-3.880	-6.880	10.825	8.516	ND	ND	8.516
	8-Mar-2004	10:35	19.341	-3.880	-6.880	11.100	8.241	ND	ND	8.241
	8-Apr-2004	9:59	19.341	-3.880	-6.880	11.360	7.981	ND	ND	7.981
	10-May-2004	11:47	19.341	-3.880	-6.880	11.533	7.808	ND	ND	7.808
	8-Jun-2004	11:28	19.341	-3.880	-6.880	11.485	7.856	ND	ND	7.856
	7-Jul-2004	11:27	19.341	-3.880	-6.880	11.290	8.051	ND	ND	8.051
	9-Aug-2004	13:13	19.341	-3.880	-6.880	11.000	8.341	ND	ND	8.341
	14-Sep-2004	10:24	19.341	-3.880	-6.880	10.597	8.744	ND	ND	8.744
	11-Oct-2004	9:45	19.341	-3.880	-6.880	10.480	8.861	ND	ND	8.861
	11-Nov-2004	13:24	19.341	-3.880	-6.880	10.487	8.854	ND	ND	8.854
	9-May-2005	16:30	19.341	-3.880	-6.880	11.590	7.751	ND	ND	7.751
	8-Jun-2005	12:33	19.341	-3.880	-6.880	11.365	7.976	ND	ND	7.976
	8-Jul-2005	11:20	19.341	-3.880	-6.880	10.760	8.581	ND	ND	8.581
	19-Aug-2005	11:35	19.341	-3.880	-6.880	10.360	8.981	ND	ND	8.981
	16-Sep-2005	9:28	19.341	-3.880	-6.880	10.080	9.261	ND	ND	9.261
	12-Dec-2006	18:00	19.341	-3.880	-6.880	11.020	8.321	ND	ND	8.321
	12-Jan-2007	09:27	19.341	-3.880	-6.880	11.210	8.131	ND	ND	8.131
	12-Feb-2007	11:30	19.341	-3.880	-6.880	11.470	7.871	ND	ND	7.871
	12-May-2008	13:18	19.341	-3.880	-6.880	11.510	7.831	ND	ND	7.831
	24-Mar-2009	11:02	19.341	-3.880	-6.880	11.346	7.995	ND	ND	7.995
	24-Aug-2009	11:59	19.341	-3.880	-6.880	10.915	8.426	ND	ND	8.426
	17-Jun-2011	10:10	19.341	-3.880	-6.880	12.090	7.251	ND	ND	7.251
	11-Jun-2012	12:22	19.341	-3.880	-6.880	11.375	7.966	ND	ND	7.966
MW39	5-Mar-2003	16:05	18.358	7.121	4.121	9.779	8.579	ND	ND	8.579
	14-Apr-2003	12:21	18.358	7.121	4.121	10.090	8.268	ND	ND	8.268
Regional	9-Dec-2003	10:05	18.358	7.121	4.121	8.910	9.448	ND	ND	9.448
	9-Jan-2004	11:49	18.358	7.121	4.121	9.140	9.218	ND	ND	9.218
Lot 2	9-Feb-2004	12:53	18.358	7.121	4.121	9.432	8.926	ND	ND	8.926
	8-Mar-2004	11:02	18.358	7.121	4.121	9.768	8.590	ND	ND	8.590
	8-Apr-2004	10:07	18.358	7.121	4.121	10.010	8.348	ND	ND	8.348
	10-May-2004	11:52	18.358	7.121	4.121	10.226	8.132	ND	ND	8.132
	8-Jun-2004	11:35	18.358	7.121	4.121	10.260	8.098	ND	ND	8.098
	7-Jul-2004	11:39	18.358	7.121	4.121	10.010	8.348	ND	ND	8.348
	9-Aug-2004	13:17	18.358	7.121	4.121	9.790	8.568	ND	ND	8.568
	14-Sep-2004	10:32	18.358	7.121	4.121	9.343	9.015	ND	ND	9.015
	11-Oct-2004	9:52	18.358	7.121	4.121	9.154	9.204	ND	ND	9.204
	11-Nov-2004	13:32	18.358	7.121	4.121	9.160	9.198	ND	ND	9.198
	9-May-2005	16:23	18.358	7.121	4.121	10.335	8.023	ND	ND	8.023
	8-Jun-2005	12:37	18.358	7.121	4.121	10.160	8.198	ND	ND	8.198
	8-Jul-2005	11:14	18.358	7.121	4.121	9.570	8.788	ND	ND	8.788
	19-Aug-2005	11:29	18.358	7.121	4.121	9.135	9.223	ND	ND	9.223
	16-Sep-2005	9:22	18.358	7.121	4.121	8.745	9.613	ND	ND	9.613
	12-Dec-2006	17:20	18.358	7.121	4.121	9.725	8.633	ND	ND	8.633
	12-Jan-2007	09:20	18.358	7.121	4.121	9.930	8.428	ND	ND	8.428
	12-Feb-2007	11:22	18.358	7.121	4.121	10.175	8.183	ND	ND	8.183
	12-May-2008	13:00	18.358	7.121	4.121	10.270	8.088	ND	ND	8.088
	24-Mar-2009	10:31	18.358	7.121	4.121	10.030	8.328	ND	ND	8.328
	24-Aug-2009	11.12	18.358	7.121	4.121	9.785	8.573	ND	ND	8.573

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW40	5-Mar-2003	16:07	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	14-Apr-2003	12:25	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
Shallow	9-Dec-2003	9:37	18.180	16.132	15.132	3.030	15.150	ND	ND	15.150
	9-Jan-2004	11:33	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
Lot 2	9-Feb-2004	13:00	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	8-Mar-2004	11:10	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	8-Apr-2004	10:11	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	10-May-2004	11:56	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	8-Jun-2004	NR	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	7-Jul-2004	NR	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	9-Aug-2004	NR	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	14-Sep-2004	10:37	18.180	16.132	15.132	2.625	15.555	ND	ND	15.555
	11-Oct-2004	9:55	18.180	16.132	15.132	2.886	15.294	ND	ND	15.294
	11-Nov-2004	13:36	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	9-May-2005	16:17	18.180	16.132	15.132	3.093	15.087	ND	ND	15.087
	8-Jun-2005	12:22	18.180	16.132	15.132	3.095	15.085	ND	ND	15.085
	8-Jul-2005	11:08	18.180	16.132	15.132	2.325	15.855	ND	ND	15.855
	19-Aug-2005	11:26	18.180	16.132	15.132	2.555	15.625	ND	ND	15.625
	16-Sep-2005	9:17	18.180	16.132	15.132	2.605	15.575	ND	ND	15.575
	12-May-2008	12:30	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	24-Mar-2009	10:21	18.180	16.132	15.132	DRY	DRY	ND	ND	NA
	24-Aug-2009	11:20	18.180	16.132	15.132	2.200	15.980	ND	ND	15.980
MW41	5-Mar-2003	16:08	18.628	15.941	12.941	DRY	DRY	ND	ND	NA
	14-Apr-2003	12:37	18.628	15.941	12.941	3.874	14.754	ND	ND	14.754
Shallow	9-Dec-2003	9:16	18.628	15.941	12.941	3.921	14.707	ND	ND	14.707
	9-Jan-2004	12:36	18.628	15.941	12.941	4.465	14.163	ND	ND	14.163
Lot 2	9-Feb-2004	13:09	18.628	15.941	12.941	DRY	DRY	ND	ND	NA
	8-Mar-2004	11:17	18.628	15.941	12.941	DRY	DRY	ND	ND	NA
	8-Apr-2004	10:25	18.628	15.941	12.941	DRY	DRY	ND	ND	NA
	10-May-2004	12:02	18.628	15.941	12.941	DRY	DRY	ND	ND	NA
	8-Jun-2004	11:30	18.628	15.941	12.941	3.862	14.766	ND	ND	14.766
	7-Jul-2004	12:11	18.628	15.941	12.941	3.240	15.388	ND	ND	15.388
	9-Aug-2004	13:34	18.628	15.941	12.941	3.355	15.273	ND	ND	15.273
	14-Sep-2004	10:49	18.628	15.941	12.941	3.210	15.418	ND	ND	15.418
	11-Oct-2004	10:02	18.628	15.941	12.941	3.567	15.061	ND	ND	15.061
	11-Nov-2004	13:43	18.628	15.941	12.941	3.834	14.794	ND	ND	14.794
	9-May-2005	16:53	18.628	15.941	12.941	4.840	13.788	ND	ND	13.788
	8-Jun-2005	12:59	18.628	15.941	12.941	3.570	15.058	ND	ND	15.058
	8-Jul-2005	11:41	18.628	15.941	12.941	2.965	15.663	ND	ND	15.663
	19-Aug-2005	12:06	18.628	15.941	12.941	3.055	15.573	ND	ND	15.573
	16-Sep-2005	9:51	18.628	15.941	12.941	3.075	15.553	ND	ND	15.553
	12-May-2008	12:21	18.628	15.941	12.941	DRY	DRY	ND	ND	DRY
	24-Mar-2009	10:13	18.628	15.941	12.941	DRY	DRY	ND	ND	DRY
	24-Aug-2009	11:32	18.628	15.941	12.941	2.960	15.668	ND	ND	15.668
MW42	5-Mar-2003	16:10	18.047	7.935	4.935	9.362	8.685	ND	ND	8.685
	14-Apr-2003	12:44	18.047	7.935	4.935	9.687	8.360	ND	ND	8.360
Regional	9-Dec-2003	9:07	18.047	7.935	4.935	8.500	9.547	ND	ND	9.547
	9-Jan-2004	12:20	18.047	7.935	4.935	8.720	9.327	ND	ND	9.327
Lot 2	9-Feb-2004	13:16	18.047	7.935	4.935	9.015	9.032	ND	ND	9.032
	8-Mar-2004	11:30	18.047	7.935	4.935	9.330	8.717	ND	ND	8.717
	8-Apr-2004	10:21	18.047	7.935	4.935	9.605	8.442	ND	ND	8.442
	10-May-2004	12:05	18.047	7.935	4.935	9.832	8.215	ND	ND	8.215
	8-Jun-2004	11:35	18.047	7.935	4.935	9.890	8.157	ND	ND	8.157
	7-Jul-2004	12:19	18.047	7.935	4.935	9.651	8.396	ND	ND	8.396
	9-Aug-2004	13:40	18.047	7.935	4.935	9.415	8.632	ND	ND	8.632
	14-Sep-2004	10:52	18.047	7.935	4.935	9.955	8.092	ND	ND	8.092
	11-Oct-2004	10:06	18.047	7.935	4.935	8.763	9.284	ND	ND	9.284
	11-Nov-2004	13:45	18.047	7.935	4.935	8.760	9.287	ND	ND	9.287
	9-May-2005	16:47	18.047	7.935	4.935	9.965	8.082	ND	ND	8.082
	8-Jun-2005	12:53	18.047	7.935	4.935	9.805	8.242	ND	ND	8.242
	8-Jul-2005	11:37	18.047	7.935	4.935	9.210	8.837	ND	ND	8.837
	19-Aug-2005	12:00	18.047	7.935	4.935	8.740	9.307	ND	ND	9.307
	16-Sep-2005	9:48	18.047	7.935	4.935	8.355	9.692	ND	ND	9.692
	12-Dec-2006	17:09	18.047	7.935	4.935	9.315	8.732	ND	ND	8.732
	12-Jan-2007	9:06	18.047	7.935	4.935	9.510	8.537	ND	ND	8.537
	12-Feb-2007	11:13	18.047	7.935	4.935	9.755	8.292	ND	ND	8.292
	25-Mar-2008	11:00	18.047	7.935	4.935	9.640	8.407	ND	ND	8.407
	12-May-2008	12:38	18.047	7.935	4.935	9.880	8.167	ND	ND	8.167
	24-Mar-2009	9:51	18.047	7.935	4.935	9.564	8.483	ND	ND	8.483
	24-Aug-2009	11:38	18.047	7.935	4.935	9.435	8.612	ND	ND	8.612
	31-May-2010	8:10	18.047	7.935	4.935	10.050	7.997	ND	ND	7.997
	22-Dec-2010	13:50	18.047	7.935	4.935	9.664	8.383	ND	ND	8.383
	17-Jun-2011	10:18	18.047	7.935	4.935	10.490	7.557	ND	ND	7.557
	11-Jun-2012	12:35	18.047	7.935	4.935	9.715	8.332	ND	ND	8.332
MW43	5-Mar-2003	16:15	18.212	13.042	10.042	5.621	12.591	ND	ND	12.591
	14-Apr-2003	12:48	18.212	13.042	10.042	5.817	12.395	ND	ND	12.395
Shallow	9-Dec-2003	9:01	18.212	13.042	10.042	4.661	13.551	ND	ND	13.551
	9-Jan-2004	12:27	18.212	13.042	10.042	5.050	13.162	ND	ND	13.162
Lot 2	9-Feb-2004	13:13	18.212	13.042	10.042	5.422	12.790	ND	ND	12.790
	8-Mar-2004	11:37	18.212	13.042	10.042	5.740	12.472	ND	ND	12.472
	8-Apr-2004	10:16	18.212	13.042	10.042	6.032	12.180	ND	ND	12.180
	10-May-2004	12:07	18.212	13.042	10.042	6.347	11.865	ND	ND	11.865
	8-Jun-2004	11:40	18.212	13.042	10.042	6.200	12.012	ND	ND	12.012
	7-Jul-2004	12:24	18.212	13.042	10.042	5.410	12.802	ND	ND	12.802
	9-Aug-2004	13:44	18.212	13.042	10.042	4.972	13.240	ND	ND	13.240
	14-Sep-2004	10:54	18.212	13.042	10.042	4.345	13.867	ND	ND	13.867
	11-Oct-2004	10:08	18.212	13.042	10.042	4.615	13.597	ND	ND	13.597
	11-Nov-2004	13:48	18.212	13.042	10.042	4.962	13.250	ND	ND	13.250
	9-May-2005	16:50	18.212	13.042	10.042	DRY	DRY	ND	ND	NA
	8-Jun-2005	12:56	18.212	13.042	10.042	6.055	12.157	ND	ND	12.157
	8-Jul-2005	11:35	18.212	13.042	10.042	4.255	13.957	ND	ND	13.957
	19-Aug-2005	12:03	18.212	13.042	10.042	4.430	13.782	ND	ND	13.782
	16-Sep-2005	9:46	18.212	13.042	10.042	4.347	13.865	ND	ND	13.865
	12-May-2008	12:44	18.212	13.042	10.042	DRY	DRY	ND	ND	DRY
	24-Mar-2009	9:55	18.212	13.042	10.042	DRY	DRY	ND	ND	DRY
	24-Aug-2009	11:41	18.212	13.042	10.042	9.600	8.612	ND	ND	8.612
	17-Jun-2011	10:22	18.212	13.042	10.042	DRY	DRY	ND	ND	DRY
	11-Jun-2012	12:32	18.212	13.042	10.042	6.330	11.882	ND	ND	11.882

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MW44	5-Mar-2003	14:51	18.862	10.891	9.391	6.915	11.947	ND	ND	11.947
	14-Apr-2003	15:05	18.862	10.891	9.391	9.169	9.693	ND	ND	9.693
Shallow	9-Dec-2003	14:17	18.862	10.891	9.391	6.120	12.742	ND	ND	12.742
	9-Jan-2004	15:00	18.862	10.891	9.391	7.010	11.852	ND	ND	11.852
Former Waste	9-Feb-2004	14:56	18.862	10.891	9.391	7.648	11.214	ND	ND	11.214
Control Site	8-Mar-2004	13:50	18.862	10.891	9.391	7.972	10.890	ND	ND	10.890
	8-Apr-2004	12:17	18.862	10.891	9.391	8.272	10.590	ND	ND	10.590
	10-May-2004	13:20	18.862	10.891	9.391	8.378	10.484	ND	ND	10.484
	8-Jun-2004	14:40	18.862	10.891	9.391	8.450	10.412	ND	ND	10.412
	7-Jul-2004	14:44	18.862	10.891	9.391	7.750	11.112	ND	ND	11.112
	9-Aug-2004	12:30	18.862	10.891	9.391	7.700	11.162	ND	ND	11.162
	14-Sep-2004	12:52	18.862	10.891	9.391	6.612	12.250	ND	ND	12.250
	11-Oct-2004	11:14	18.862	10.891	9.391	6.250	12.612	ND	ND	12.612
	11-Nov-2004	NM	18.862	10.891	9.391	NM	NM	NM	NM	NA
	9-May-2005	13:13	18.862	10.891	9.391	7.130	11.732	ND	ND	11.732
	8-Jun-2005	14:00	18.862	10.891	9.391	6.650	12.212	ND	ND	12.212
	8-Jul-2005	13:11	18.862	10.891	9.391	6.095	12.767	ND	ND	12.767
	19-Aug-2005	14:08	18.862	10.891	9.391	6.005	12.857	ND	ND	12.857
	16-Sep-2005	15:00	18.862	10.891	9.391	6.270	12.592	ND	ND	12.592
	12-May-2008	8:41	18.862	10.891	9.391	7.440	11.422	ND	ND	11.422
	24-Mar-2009	8:42	18.862	10.891	9.391	6.965	11.897	ND	ND	11.897
	24-Aug-2009	9:14	18.862	10.891	9.391	6.235	12.627	ND	ND	12.627
	17-Jun-2011	12:33	18.862	10.891	9.391	7.450	11.412	ND	ND	11.412
MWG45	21-Jan-2005	-	16.294	-2.580	-5.580	6.605	9.689	ND	ND	9.689 *
	21-Feb-2005	10:00	16.294	-2.580	-5.580	6.935	9.359	ND	ND	9.359
Leederville	9-May-2005	8:47	16.294	-2.580	-5.580	7.375	8.919	ND	ND	8.919
	8-Jun-2005	14:45	16.294	-2.580	-5.580	7.140	9.154	ND	ND	9.154
Irwin St	8-Jul-2005	13:51	16.294	-2.580	-5.580	6.430	9.864	ND	ND	9.864
	19-Aug-2005	14:24	16.294	-2.580	-5.580	6.000	10.294	ND	ND	10.294
	16-Sep-2005	10:52	16.294	-2.580	-5.580	5.543	10.751	ND	ND	10.751
	12-Dec-2006	18:30	16.294	-2.580	-5.580	6.640	9.654	ND	ND	9.654
	12-Jan-2007	08:00	16.294	-2.580	-5.580	6.885	9.409	ND	ND	9.409
	12-Feb-2007	09:30	16.294	-2.580	-5.580	7.150	9.144	ND	ND	9.144
	12-May-2008	11:46	16.294	-2.580	-5.580	7.220	9.074	ND	ND	9.074
	24-Mar-2009	11:45	16.294	-2.580	-5.580	7.060	9.234	ND	ND	9.234
	24-Aug-2009	8:36	16.294	-2.580	-5.580	6.595	9.699	ND	ND	9.699
	25-May-2010	10:00	16.294	-2.580	-5.580	7.460	8.834	ND	ND	8.834
	17-Jun-2011	10:54	16.294	-2.580	-5.580	7.980	8.314	ND	ND	8.314
	11-Jun-2012	10:23	16.294	-2.580	-5.580	7.100	9.194	ND	ND	9.194
MWG46	21-Jan-2005	-	16.291	4.920	1.920	6.560	9.731	ND	ND	9.731 *
	21-Feb-2005	13:00	16.291	4.920	1.920	6.930	9.361	ND	ND	9.361
Base of	9-May-2005	8:49	16.291	4.920	1.920	7.375	8.916	ND	ND	8.916
Guildford	8-Jun-2005	14:48	16.291	4.920	1.920	7.125	9.166	ND	ND	9.166
	8-Jul-2005	13:55	16.291	4.920	1.920	6.420	9.871	ND	ND	9.871
Irwin St	19-Aug-2005	14:22	16.291	4.920	1.920	5.985	10.306	ND	ND	10.306
	16-Sep-2005	10:54	16.291	4.920	1.920	5.250	11.041	ND	ND	11.041
	12-Dec-2006	18:32	16.291	4.920	1.920	6.635	9.656	ND	ND	9.656
	12-Jan-2007	08:02	16.291	4.920	1.920	6.890	9.401	ND	ND	9.401
	12-Feb-2007	09:35	16.291	4.920	1.920	7.150	9.141	ND	ND	9.141
	12-May-2008	11:40	16.291	4.920	1.920	7.220	9.071	ND	ND	9.071
	24-Mar-2009	10:56	16.291	4.920	1.920	6.983	9.308	ND	ND	9.308
	24-Aug-2009	8:43	16.291	4.920	1.920	6.610	9.681	ND	ND	9.681
	24-May-2010	11:53	16.291	4.920	1.920	7.450	8.841	ND	ND	8.841
	17-Jun-2011	11:00	16.291	4.920	1.920	7.970	8.321	ND	ND	8.321
	11-Jun-2012	10:21	16.291	4.920	1.920	7.100	9.191	ND	ND	9.191
MWG47	28-Jul-2005	8:50	19.893	-11.157	-8.157	11.395	8.498	ND	ND	8.498
	19-Aug-2005	11:40	19.893	-11.157	-8.157	11.060	8.833	ND	ND	8.833
Leederville	16-Sep-2005	9:32	19.893	-11.157	-8.157	10.880	9.013	ND	ND	9.013
	12-Dec-2006	17:40	19.893	-11.157	-8.157	11.835	8.058	ND	ND	8.058
Lot 2	12-Jan-2007	9:40	19.893	-11.157	-8.157	12.040	7.853	ND	ND	7.853
	12-Feb-2007	11:48	19.893	-11.157	-8.157	12.310	7.583	ND	ND	7.583
	12-May-2008	12:46	19.893	-8.157	-11.157	12.280	7.613	ND	ND	7.613
	24-Mar-2009	11:11	19.893	-11.157	-8.157	12.210	7.683	ND	ND	7.683
	24-Aug-2009	12:29	19.893	-11.157	-8.157	11.500	8.393	ND	ND	8.393
	25-May-2010	9:00	19.893	-11.157	-8.157	12.490	7.403	ND	ND	7.403
	17-Jun-2011	9:57	19.893	-11.157	-8.157	12.825	7.068	ND	ND	7.068
	11-Jun-2012	12:06	19.893	-11.157	-8.157	12.135	7.758	ND	ND	7.758
MWG48	28-Jul-2005	14:12	19.979	-1.791	1.209	11.390	8.589	ND	ND	8.589
	19-Aug-2005	11:42	19.979	-1.791	1.209	11.230	8.749	ND	ND	8.749
Base of	16-Sep-2005	9:34	19.979	-1.791	1.209	11.003	8.976	ND	ND	8.976
Guildford	12-Dec-2006	17:43	19.979	-1.791	1.209	11.940	8.039	ND	ND	8.039
	12-Jan-2007	9:43	19.979	-1.791	1.209	12.130	7.849	ND	ND	7.849
Lot 2	12-Feb-2007	11:45	19.979	-1.791	1.209	12.390	7.589	ND	ND	7.589
	12-May-2008	12:47	19.979	1.209	-1.791	12.430	7.549	ND	ND	7.549
	24-Mar-2009	11:14	19.979	-1.791	1.209	12.282	7.697	ND	ND	7.697
	24-Aug-2009	12:27	19.979	-1.791	1.209	11.700	8.279	ND	ND	8.279
	25-May-2010	11:00	19.979	-1.791	1.209	12.560	7.419	ND	ND	7.419
	17-Jun-2011	9:54	19.979	-1.791	1.209	12.910	7.069	ND	ND	7.069
	11-Jun-2012	12:07	19.979	-1.791	1.209	12.210	7.769	ND	ND	7.769
MWG49	1-Aug-2005	8:35	20.097	11.777	5.777	11.490	8.607	ND	ND	8.607
	19-Aug-2005	11:44	20.097	11.777	5.777	11.340	8.757	ND	ND	8.757
Regional	16-Sep-2005	9:36	20.097	11.777	5.777	11.110	8.987	ND	ND	8.987
	12-Dec-2006	17:46	20.097	11.777	5.777	12.050	8.047	ND	ND	8.047
Lot 2	12-Jan-2007	09:46	20.097	11.777	5.777	12.240	7.857	ND	ND	7.857
	12-Feb-2007	11:43	20.097	11.777	5.777	12.500	7.597	ND	ND	7.597
	19-Mar-2008	11:00	20.097	11.777	5.777	12.570	7.527	ND	ND	7.527
	12-May-2008	12:49	20.097	11.777	5.777	12.540	7.557	ND	ND	7.557
	26-Mar-2009	11:16	20.097	11.777	5.777	12.390	7.707	ND	ND	7.707
	24-Aug-2009	12:25	20.097	11.777	5.777	11.810	8.287	ND	ND	8.287
	22-Dec-2010	7:54	20.097	11.777	5.777	20.090	0.007	ND	ND	0.007
	25-May-2010	12:15	20.097	11.777	5.777	12.640	7.457	ND	ND	7.457
	17-Jun-2011	9:53	20.097	11.777	5.777	12.140	7.957	ND	ND	7.957
	11-Jun-2012	12:10	20.097	11.777	5.777	12.120	7.977	ND	ND	7.977
MWG50	8-Aug-2005	12:10	19.599	0.699	3.699	10.560	9.039	ND	ND	9.039
	19-Aug-2005	14:45	19.599	0.699	3.699	10.470	9.129	ND	ND	9.129
Base of	16-Sep-2005	13:10	19.599	0.699	3.699	10.130	9.469	ND	ND	9.469
Guildford	12-Dec-2006	19:15	19.599	0.699	3.699	11.070	8.529	ND	ND	8.529
	12-Jan-2007	08:47	19.599	0.699	3.699	11.235	8.364	ND	ND	8.364
Oliver St	12-Feb-2007	09:47	19.599	0.699	3.699	11.480	8.119	ND	ND	8.119
	12-May-2008	9:26	19.599	0.699	3.699	11.620	7.979	ND	ND	7.979
	24-Mar-2009	7:48	19.599	0.699	3.699	10.325	9.274	ND	ND	9.274
	24-Aug-2009	10:31	19.599	0.699	3.699	11.160	8.439	ND	ND	8.439
	17-Jun-2011	9:39	19.599	0.699	3.699	12.175	7.424	ND	ND	7.424
	11-Jun-2012	13:05	19.599	0.699	3.699	11.445	8.154	ND	ND	8.154

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG51	8-Aug-2005	10:00	19.625	5.795	11.795	10.590	9.035	ND	ND	9.035
	19-Aug-2005	14:48	19.625	5.795	11.795	10.495	9.130	ND	ND	9.130
Regional	16-Sep-2005	13:12	19.625	5.795	11.795	10.155	9.470	ND	ND	9.470
	12-Dec-2006	19:20	19.625	5.795	11.795	11.090	8.535	ND	ND	8.535
Oliver St	12-Jan-2007	08:45	19.625	5.795	11.795	11.250	8.375	ND	ND	8.375
	12-Feb-2007	09:50	19.625	5.795	11.795	11.495	8.130	ND	ND	8.130
	18-Mar-2008	11:00	19.625	5.795	11.795	11.500	8.125	ND	ND	8.125
	12-May-2008	9:23	19.625	5.795	11.795	11.650	7.975	ND	ND	7.975
	24-Mar-2009	14:25	19.625	5.795	11.795	10.325	9.300	ND	ND	9.300
	24-Aug-2009	10:34	19.625	5.795	11.795	11.190	8.435	ND	ND	8.435
	17-Jun-2011	9:38	19.625	5.795	11.795	12.200	7.425	ND	ND	7.425
	11-Jun-2012	13:07	19.625	5.795	11.795	11.450	8.175	ND	ND	8.175
MWG52	12-Dec-2006	17:17	18.239	9.929	6.929	9.490	8.749	ND	ND	8.749
Regional	12-Jan-2007	09:15	18.239	9.929	6.929	9.695	8.544	ND	ND	8.544
Lot 2	12-Feb-2007	11:20	18.239	9.929	6.929	9.935	8.304	ND	ND	8.304
	12-May-2008	12:54	18.239	9.929	6.929	10.070	8.169	ND	ND	8.169
	24-Mar-2009	10:36	18.239	9.929	6.929	9.780	8.459	ND	ND	8.459
	24-Aug-2009	11:48	18.239	9.929	6.929	9.600	8.639	ND	ND	8.639
MWG53	12-Dec-2006	17:00	19.570	4.210	1.210	11.020	8.550	ND	ND	8.550
BoG	12-Jan-2007	09:00	19.570	4.210	1.210	11.200	8.370	ND	ND	8.370
Lot 2	12-Feb-2007	11:05	19.570	4.210	1.210	11.450	8.120	ND	ND	8.120
	12-May-2008	13:05	19.570	4.210	1.210	11.570	8.000	ND	ND	8.000
	24-Mar-2009	9:42	19.570	4.210	1.210	11.300	8.270	ND	ND	8.270
	24-Aug-2009	10:59	19.570	4.210	1.210	11.110	8.460	ND	ND	8.460
MWG54	12-Dec-2006	17:05	19.568	9.773	6.773	10.620	8.948	ND	ND	8.948
Regional	12-Jan-2007	09:02	19.568	9.773	6.773	10.860	8.708	ND	ND	8.708
Lot 2	12-Feb-2007	11:08	19.568	9.773	6.773	11.110	8.458	ND	ND	8.458
	18-Mar-2008	11:00	19.568	9.773	6.773	11.260	8.308	ND	ND	8.308
	12-May-2008	13:10	19.568	9.773	6.773	10.980	8.588	ND	ND	8.588
	24-Mar-2009	9:45	19.568	9.773	6.773	11.770	7.798	ND	ND	7.798
	24-Aug-2009	10:57	19.568	9.773	6.773	10.330	9.238	ND	ND	9.238
	26-May-2010	12:30	19.568	9.773	6.773	11.320	8.248	ND	ND	8.248
	17-Jun-2011	10:14	19.568	9.773	6.773	12.145	7.423	ND	ND	7.423
	11-Jun-2012	12:27	19.568	9.773	6.773	10.900	8.668	ND	ND	8.668
MWG55	12-Dec-2006	17:30	19.387	3.117	0.117	11.380	8.007	ND	ND	8.007
BoG	12-Jan-2007	09:48	19.387	3.117	0.117	11.580	7.807	ND	ND	7.807
Lot 2	12-Feb-2007	11:55	19.387	3.117	0.117	11.840	7.547	ND	ND	7.547
	12-May-2008	12:26	19.387	3.117	0.117	11.860	7.527	ND	ND	7.527
	24-Mar-2009	11:29	19.387	3.117	0.117	12.725	6.662	ND	ND	6.662
	24-Aug-2009	12:47	19.387	3.117	0.117	11.125	8.262	ND	ND	8.262
MWG56	12-Dec-2006	16:00	19.450	3.540	0.540	10.720	8.730	ND	ND	8.730
BoG	12-Jan-2007	11:30	19.450	3.540	0.540	10.900	8.550	ND	ND	8.550
Hanson	12-Feb-2007	10:32	19.450	3.540	0.540	11.150	8.300	ND	ND	8.300
	12-May-2008	10:08	19.450	3.540	0.540	11.310	8.140	ND	ND	8.140
	24-Mar-2009	13:00	19.450	3.540	0.540	10.970	8.480	ND	ND	8.480
	24-Aug-2009	13:57	19.450	3.540	0.540	10.875	8.575	ND	ND	8.575
	17-Jun-2011	11:35	19.450	3.540	0.540	11.120	8.330	ND	ND	8.330
MWG57	12-Dec-2006	17:33	19.269	9.034	6.034	11.250	8.019	ND	ND	8.019
Regional	12-Jan-2007	09:50	19.269	9.034	6.034	11.445	7.824	ND	ND	7.824
Lot 2	12-Feb-2007	11:52	19.269	9.034	6.034	11.700	7.569	ND	ND	7.569
	1-Apr-2008	11:00	19.269	9.034	6.034	11.900	7.369	ND	ND	7.369
	12-May-2008	12:38	19.269	9.034	6.034	11.770	7.499	ND	ND	7.499
	24-Mar-2009	11:22	19.269	9.034	6.034	11.626	7.643	ND	ND	7.643
	24-Aug-2009	12.5	19.269	9.034	6.034	11.040	8.229	ND	ND	8.229
	27-May-2010	13:50	19.269	9.034	6.034	11.910	7.359	ND	ND	7.359
	22-Dec-2010	7:28	19.269	9.034	6.034	11.547	7.722	ND	ND	7.722
	17-Jun-2011	9:45	19.269	9.034	6.034	12.265	7.004	ND	ND	7.004
	11-Jun-2012	11:55	19.269	9.034	6.034	11.585	7.684	ND	ND	7.684
MWG58	12-Dec-2006	17:51	19.877	3.437	0.437	11.615	8.262	ND	ND	8.262
BoG	12-Jan-2007	09:31	19.877	3.437	0.437	11.795	8.082	ND	ND	8.082
Lot 2	12-Feb-2007	11:37	19.877	3.437	0.437	12.050	7.827	ND	ND	7.827
	12-May-2008	13:00	19.877	3.437	0.437	12.130	7.747	ND	ND	7.747
	24-Mar-2009	10.52	19.877	3.437	0.437	11.930	7.947	ND	ND	7.947
	24-Aug-2009	12:18	19.877	3.437	0.437	11.525	8.352	ND	ND	8.352
MWG59	12-Dec-2006	17:54	19.971	9.506	6.506	11.720	8.251	ND	ND	8.251
Regional	12-Jan-2007	09:34	19.971	9.506	6.506	11.910	8.061	ND	ND	8.061
Lot 2	12-Feb-2007	11:39	19.971	9.506	6.506	12.165	7.806	ND	ND	7.806
	19-Mar-2008	11:00	19.971	9.506	6.506	12.230	7.741	ND	ND	7.741
	12-May-2008	13:02	19.971	9.506	6.506	12.240	7.731	ND	ND	7.731
	26-Mar-2009	8:00	19.971	9.506	6.506	12.200	7.771	ND	ND	7.771
	24-Aug-2009	12:15	19.971	9.506	6.506	11.640	8.331	ND	ND	8.331
	25-May-2010	14:30	19.971	9.506	6.506	12.390	7.581	ND	ND	7.581
	22-Dec-2010	7:20	19.971	9.506	6.506	12.028	7.943	ND	ND	7.943
	17-Jun-2011	10:02	19.971	9.506	6.506	12.760	7.211	ND	ND	7.211
	11-Jun-2012	12:20	19.971	9.506	6.506	12.040	7.931	ND	ND	7.931
MWG60	12-Dec-2006	13:35	8.361	4.086	1.086	1.610	6.751	ND	ND	6.751
Alluvium	12-Jan-2007	07:16	8.361	4.086	1.086	1.825	6.536	ND	ND	6.536
Damplands	12-Feb-2007	08:57	8.361	4.086	1.086	2.140	6.221	ND	ND	6.221
	3-Apr-2008	11:00	8.361	4.086	1.086	2.330	6.031	ND	ND	6.031
	24-Mar-2009	16:40	8.361	4.086	1.086	2.245	6.116	ND	ND	6.116
	24-Aug-2009	16:07	8.361	4.086	1.086	0.575	7.786	ND	ND	7.786
	2-Jun-2010	12:40	8.361	4.086	1.086	2.150	6.211	ND	ND	6.211
	22-Dec-2010	13:15	8.361	4.086	1.086	2.033	6.328	ND	ND	6.328
	25-Feb-2011	12:10	8.361	4.086	1.086	2.710	5.651	ND	ND	5.651
	9-Jun-2011	14:52	8.361	4.086	1.086	2.575	5.786	ND	ND	5.786
	17-Jun-2011	8:23	8.361	4.086	1.086	2.390	5.971	ND	ND	5.971
	11-Jun-2012	9:22	8.361	4.086	1.086	1.830	6.531	ND	ND	6.531
MWG61	12-Dec-2006	13:48	15.800	6.190	3.190	7.975	7.825	ND	ND	7.825
Regional	12-Jan-2007	07:30	15.800	6.190	3.190	8.195	7.605	ND	ND	7.605
Damplands	12-Feb-2007	09:09	15.800	6.190	3.190	8.455	7.345	ND	ND	7.345
	12-May-2008	13:53	15.800	6.190	3.190	8.440	7.360	ND	ND	7.360
	24-Mar-2009	14:27	15.800	6.190	3.190	8.350	7.450	ND	ND	7.450
	24-Aug-2009	15:24	15.800	6.190	3.190	7.550	8.250	ND	ND	8.250
	24-Aug-2010	14:52	15.800	6.190	3.190	8.030	7.770	ND	ND	7.770
	5-Nov-2010	11:33	15.800	6.190	3.190	8.060	7.740	ND	ND	7.740
	22-Dec-2010	13:21	15.800	6.190	3.190	8.315	7.485	ND	ND	7.485
	9-Jun-2011	15:04	15.800	6.190	3.190	8.995	6.805	ND	ND	6.805

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG62	12-Dec-2006	13:55	15.290	5.950	2.950	7.435	7.855	ND	ND	7.855
Regional	12-Jan-2007	07:35	15.290	5.950	2.950	7.660	7.630	ND	ND	7.630
Damplands	12-Feb-2007	09:12	15.290	5.950	2.950	7.915	7.375	ND	ND	7.375
	17-Mar-2008	11:00	15.290	6.290	3.290	7.980	7.310	ND	ND	7.310
	12-May-2008	13:49	15.290	6.290	3.290	7.910	7.380	ND	ND	7.380
	24-Mar-2009	14:32	15.290	5.950	2.950	7.835	7.455	ND	ND	7.455
	24-Aug-2009	15:34	15.290	5.950	2.950	7.085	8.205	ND	ND	8.205
	22-Sep-2009	13:42	15.290	5.950	2.950	6.920	8.370	ND	ND	8.370
	26-May-2010	8:18	15.290	5.950	2.950	8.050	7.240	ND	ND	7.240
	24-Aug-2010	14:29	15.290	5.950	2.950	7.470	7.820	ND	ND	7.820
	5-Nov-2010	11:27	15.290	5.950	2.950	7.475	7.815	ND	ND	7.815
	22-Dec-2010	13:26	15.290	5.950	2.950	7.702	7.588	ND	ND	7.588
	25-Feb-2011		15.290	5.950	2.950	8.180	7.110	ND	ND	7.110
	9-Jun-2011	14:46	15.290	5.950	2.950	8.440	6.850	ND	ND	6.850
	17-Jun-2011	8:41	15.290	5.950	2.950	8.400	6.890	ND	ND	6.890
	11-Jun-2012	9:58	15.290	5.950	2.950	7.730	7.560	ND	ND	7.560
MWG63	12-Dec-2006	14:00	15.868	5.293	2.293	7.980	7.888	ND	ND	7.888
Regional	12-Jan-2007	07:38	15.868	5.293	2.293	8.205	7.663	ND	ND	7.663
Damplands	12-Feb-2007	09:15	15.868	5.293	2.293	8.470	7.398	ND	ND	7.398
	30-Mar-2008	11:00	15.868	5.293	2.293	8.630	7.238	ND	ND	7.238
	12-May-2008	13:44	15.868	5.293	2.293	8.460	7.408	ND	ND	7.408
	24-Mar-2009	14:35	15.868	5.293	2.293	8.380	7.488	ND	ND	7.488
	24-Aug-2009	15:43	15.868	5.293	2.293	7.655	8.213	ND	ND	8.213
	22-Sep-2009	15:00	15.868	5.293	2.293	7.475	8.393	ND	ND	8.393
	26-May-2010	10:30	15.868	5.293	2.293	8.580	7.288	ND	ND	7.288
	28-Jul-2010		15.868	5.293	2.293	7.990	7.878	ND	ND	7.878
	24-Aug-2010	14:36	15.868	5.293	2.293	7.990	7.878	ND	ND	7.878
	5-Nov-2010	11:24	15.868	5.293	2.293	7.970	7.898	ND	ND	7.898
	22-Dec-2010	13:32	15.868	5.293	2.293	8.196	7.672	ND	ND	7.672
	25-Feb-2011		15.868	5.293	2.293	8.660	7.208	ND	ND	7.208
	9-Jun-2011	14:44	15.868	5.293	2.293	8.935	6.933	ND	ND	6.933
	17-Jun-2011	8:43	15.868	5.293	2.293	8.910	6.958	ND	ND	6.958
	11-Jun-2012	10:05	15.868	5.293	2.293	8.235	7.633	ND	ND	7.633
MWG64	12-Dec-2006	16:03	19.416	7.726	4.726	10.680	8.736	ND	ND	8.736
Regional	12-Jan-2007	11:40	19.416	7.726	4.726	10.855	8.561	ND	ND	8.561
Hanson	12-Feb-2007	10:30	19.416	7.726	4.726	11.105	8.311	ND	ND	8.311
	19-Mar-2008	11:00	19.416	7.726	4.726	11.080	8.336	ND	ND	8.336
	12-May-2008	10:00	19.416	7.726	4.726	11.260	8.156	ND	ND	8.156
	24-Mar-2009	12:58	19.416	7.726	4.726	10.920	8.496	ND	ND	8.496
	24-Aug-2009	14:05	19.416	7.726	4.726	10.830	8.586	ND	ND	8.586
	23-Sep-2009	11:00	19.416	7.726	4.726	10.420	8.996	ND	ND	8.996
	31-May-2010	10.40	19.416	7.726	4.726	10.400	9.016	ND	ND	9.016
	17-Jun-2011	11:34	19.416	7.726	4.726	11.850	7.566	ND	ND	7.566
	11-Jun-2012	12:55	19.416	7.726	4.726	11.075	8.341	ND	ND	8.341
MWG65	12-Dec-2006	19:35	20.171	9.261	6.261	11.710	8.461	ND	ND	8.461
Regional	12-Jan-2007	08:55	20.171	9.261	6.261	11.890	8.281	ND	ND	8.281
A&P Transport	12-Feb-2007	10:00	20.171	9.261	6.261	12.135	8.036	ND	ND	8.036
	18-Mar-2008	11:00	20.171	9.261	6.261	12.150	8.021	ND	ND	8.021
	12-May-2008	10:37	20.171	9.261	6.261	12.270	7.901	ND	ND	7.901
	30-Mar-2009	14:30	20.171	9.261	6.261	12.020	8.151	ND	ND	8.151
	24-Aug-2009	10:43	20.171	9.261	6.261	11.775	8.396	ND	ND	8.396
	26-May-2010	12:39	20.171	9.261	6.261	12.390	7.781	ND	ND	7.781
	17-Jun-2011	11:14	20.171	9.261	6.261	12.830	7.341	ND	ND	7.341
	11-Jun-2012	12:43	20.171	9.261	6.261	12.090	8.081	ND	ND	8.081
MWG66	3-Apr-2008	11:00	8.911	2.911	-0.089	2.810	6.101	ND	ND	6.101
Alluvium	12-May-2008	13:53	8.911	2.911	-0.089	2.440	6.471	ND	ND	6.471
Damplands	14-Oct-2008	11:26	8.911	2.911	-0.089	1.590	7.321	ND	ND	7.321
	24-Mar-2009	14:48	8.911	2.911	-0.089	2.800	6.111	ND	ND	6.111
	24-Aug-2009	16:03	8.911	2.911	-0.089	1.160	7.751	ND	ND	7.751
	2-Jun-2010	11:26	8.911	2.911	-0.089	2.705	6.206	ND	ND	6.206
	22-Dec-2010	12:44	8.911	2.911	-0.089	2.553	6.358	ND	ND	6.358
	25-Feb-2011	11:10	9.911	2.911	-0.089	3.265	6.646	ND	ND	5.646
	9-Jun-2011	14:55	9.911	2.911	-0.089	3.160	6.751	ND	ND	
	17-Jun-2011	8:21	9.911	2.911	-0.089	2.980	6.931	ND	ND	6.931
	11-Jun-2012	9:26	9.911	2.911	-0.089	2.395	7.516	ND	ND	7.516
MWG67	3-Apr-2008	11:00	9.016	2.516	-0.484	2.970	6.046	ND	ND	6.046
Alluvium	12-May-2008	14:11	9.016	2.516	-0.484	2.560	6.456	ND	ND	6.456
Damplands	14-Oct-2008	10:08	9.016	2.516	-0.484	1.670	7.346	ND	ND	7.346
	24-Mar-2009	16:45	9.016	2.516	-0.484	2.976	6.040	ND	ND	6.040
	24-Aug-2009	16:15	9.016	2.516	-0.484	1.200	7.816	ND	ND	7.816
	22-Dec-2010	13:05	9.016	2.516	-0.484	2.750	6.266	ND	ND	6.266
	20-Jun-2012		9.016	2.516	-0.484	2.685	6.331	ND	ND	6.331
MWG68	3-Apr-2008	11:00	8.64	4.140	1.140	2.625	6.015	ND	ND	6.015
Alluvium	12-May-2008	13:48	8.64	4.140	1.140	2.240	6.400	ND	ND	6.400
	24-Mar-2009	14:44	8.64	4.140	1.140	2.161	6.479	ND	ND	6.479
	24-Aug-2009	15:50	8.64	4.140	1.140	0.970	7.670	ND	ND	7.670
	17-Sep-2009	13:40	8.64	4.140	1.140	1.040	7.600	ND	ND	7.600
	22-Dec-2010	12:46	8.64	4.140	1.140	2.408	6.232	ND	ND	6.232
	17-Jun-2011	8:26	8.64	4.140	1.140	2.835	5.805	ND	ND	5.805
	11-Jun-2012	9:35	8.64	4.140	1.140	2.270	6.370	ND	ND	6.370
	2-Jun-2010	8:37	8.64	4.140	1.140	2.565	6.075	ND	ND	6.075
MWG69	25-Mar-2008	11:00	19.947	1.947	-1.053	12.240	7.707	ND	ND	7.707
Base of Guildford	12-May-2008	11:17	19.947	1.947	-1.053	12.340	7.607	ND	ND	7.607
	24-Mar-2009	14:13	19.947	1.947	-1.053	12.250	7.697	ND	ND	7.697
	24-Aug-2009	14:55	19.947	1.947	-1.053	11.670	8.277	ND	ND	8.277
	24-May-2010	1:20	19.947	1.947	-1.053	12.495	7.452	ND	ND	7.452
	17-Jun-2011	9:20	19.947	1.947	-1.053	12.860	7.087	ND	ND	7.087
	11-Jun-2012	10:46	19.947	1.947	-1.053	12.160	7.787	ND	ND	7.787
MWG70	25-Mar-2008	11:00	20.017	8.017	5.017	12.305	7.712	ND	ND	7.712
Guildford (Regional)	12-May-2008	11:16	20.017	8.017	5.017	12.400	7.617	ND	ND	7.617
Stanley St (A&P Transport)	13-Oct-2008	8:00	20.017	8.017	5.017	11.350	8.667	ND	ND	8.667
	24-Mar-2009	13:59	20.017	8.017	5.017	12.210	7.807	ND	ND	7.807
	24-Aug-2009	15:00	20.017	8.017	5.017	12.740	7.277	ND	ND	7.277
	24-May-2010	2:56	20.017	8.017	5.017	12.560	7.457	ND	ND	7.457
	17-Jun-2011	9:06	20.017	8.017	5.017	12.930	7.087	ND	ND	7.087
	11-Jun-2012	10:45	20.017	8.017	5.017	12.220	7.797	ND	ND	7.797
MWG71	27-Mar-2008	11:00	20.305	2.205	-0.795	12.400	7.905	ND	ND	7.905
Base of Guildford	12-May-2008	11:35	20.305	2.205	-0.795	12.550	7.755	ND	ND	7.755
	24-Mar-2009	13:37	20.305	2.205	-0.795	12.300	8.005	ND	ND	8.005
	24-Aug-2009	15:13	20.305	2.205	-0.795	11.975	8.330	ND	ND	8.330
MWG72	27-Mar-2008	11:00	20.299	8.299	5.299	12.400	7.899	ND	ND	7.899
Guildford (Regional)	12-May-2008	11:38	20.299	8.299	5.299	12.550	7.749	ND	ND	7.749
A&P Transport	13-Oct-2008	10:42	20.299	8.299	5.299	11.490	8.809	ND	ND	8.809
	24-Mar-2009	13:35	20.299	8.299	5.299	12.310	7.989	ND	ND	7.989
	24-Aug-2009	15:10	20.299	8.299	5.299	11.985	8.314	ND	ND	8.314

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG73	3-Apr-2008	11:00	8.867	0.650	-0.850	1.570	7.297	ND	ND	7.297
Base of Guildford	12-May-2008	14:24	8.867	0.650	-0.850	1.710	7.157	ND	ND	7.157
Damplands (Escarpment)	14-Oct-2008	11:56	8.867	0.650	-0.850	0.740	8.127	ND	ND	8.127
	24-Mar-2009	15:15	8.867	0.650	-0.850	1.751	7.116	ND	ND	7.116
	24-Aug-2009	17:12	8.867	0.650	-0.850	0.750	8.117	ND	ND	8.117
	17-Sep-2009	9:45	8.867	0.650	-0.850	0.630	8.237	ND	ND	8.237
MWG74	3-Apr-2008	11:00	8.899	7.399	4.399	1.835	7.064	ND	ND	7.064
Alluvium	12-May-2008	14:26	8.899	7.399	4.399	1.660	7.239	ND	ND	7.239
Damplands (Escarpment)	14-Oct-2008	11:06	8.899	7.399	4.399	1.065	7.834	ND	ND	7.834
	24-Mar-2009	15:18	8.899	7.399	4.399	1.779	7.120	ND	ND	7.120
	24-Aug-2009	17:15	8.899	7.399	4.399	0.965	7.934	ND	ND	7.934
	17-Sep-2009	10:36	8.899	7.399	4.399	0.810	8.089	ND	ND	8.089
MWG75	3-Apr-2008	11:00	8.312	1.212	-0.288	1.030	7.282	ND	ND	7.282
Base of Guildford	12-May-2008	14:21	8.312	1.212	-0.288	1.000	7.312	ND	ND	7.312
Damplands (Escarpment)	14-Oct-2008	9:05	8.312	1.212	-0.288	0.000	8.312	ND	ND	8.312
	24-Mar-2009	15:33	8.312	1.212	-0.288	0.978	7.334	ND	ND	7.334
	24-Aug-2009	17:18	8.312	1.212	-0.288	0.130	8.182	ND	ND	8.182
	17-Sep-2009	11:30	8.312	1.212	-0.288	0.000	8.312	ND	ND	8.312
MWG76	3-Apr-2008	11:00	8.235	-2.365	-3.865	1.410	6.825	ND	ND	6.825
Leederville	12-May-2008	14:19	8.235	-2.365	-3.865	1.220	7.015	ND	ND	7.015
Damplands (Escarpment)	14-Oct-2008	10:10	8.235	-2.365	-3.865	0.200	8.035	ND	ND	8.035
	24-Mar-2009	15:35	8.235	-2.365	-3.865	1.355	6.880	ND	ND	6.880
	24-Aug-2009	17:21	8.235	-2.365	-3.865	0.170	8.065	ND	ND	8.065
	17-Sep-2009	12:20	8.235	-2.365	-3.865	0.200	8.035	ND	ND	8.035
MWG77	3-Apr-2008	11:00	8.367	2.467	0.967	2.170	6.197	ND	ND	6.197
Alluvium	12-May-2008	14:16	8.367	2.467	0.967	1.800	6.567	ND	ND	6.567
Damplands	14-Oct-2008	8:50	8.235	-2.365	-3.865	0.930	7.305	ND	ND	7.305
	24-Mar-2009	16:18	8.367	2.467	0.967	2.162	6.205	ND	ND	6.205
	24-Aug-2009	16:29	8.367	2.467	0.967	0.515	7.852	ND	ND	7.852
	22-Dec-2010	13:10	8.367	2.467	0.967	1.561	6.806	ND	ND	6.806
	25-Feb-2011	13:14	8.367	2.467	0.967	2.260	6.107	ND	ND	6.107
	9-Jun-2011	14:50	8.367	2.467	0.967	2.160	6.207	ND	ND	6.207
MWG78	3-Apr-2008	11:00	9.218	1.718	0.218	1.940	7.278	ND	ND	7.278
Base of Guildford	12-May-2008	14:08	9.218	1.718	0.218	1.900	7.318	ND	ND	7.318
Damplands (Escarpment)	14-Oct-2008	13:55	9.218	1.718	0.218	1.900	7.318	ND	ND	0.890
	24-Mar-2009	15:55	9.218	1.718	0.218	1.874	7.344	ND	ND	7.344
	24-Aug-2009	17:28	9.218	1.718	0.218	1.025	8.193	ND	ND	8.193
	17-Sep-2009	11:00	9.218	1.718	0.218	0.880	8.338	ND	ND	8.338
MWG79	3-Apr-2008	11:00	9.318	7.318	4.318	1.970	7.348	ND	ND	7.348
Alluvium	12-May-2008	14:10	9.318	7.318	4.318	1.990	7.328	ND	ND	7.328
Damplands (Escarpment)	14-Oct-2008	12:55	9.318	7.318	4.318	1.020	8.298	ND	ND	8.298
	24-Mar-2009	15:53	9.318	7.318	4.318	1.910	7.408	ND	ND	7.408
	24-Aug-2009	17:25	9.318	7.318	4.318	1.145	8.173	ND	ND	8.173
	17-Sep-2009	12:06	9.318	7.318	4.318	0.990	8.328	ND	ND	8.328
MWG80	26-Mar-2008	11:00	20.169	1.169	-0.331	12.040	8.129	ND	ND	8.129
Base of Guildford	12-May-2008	10:44	20.169	125.000	-0.331	12.240	7.929	ND	ND	7.929
Oliver St	12-Oct-2008	7:30	20.169	1.169	-0.331	11.130	9.039	ND	ND	9.039
	24-Mar-2009	17:02	20.169	1.169	-0.331	11.945	8.224	ND	ND	8.224
	24-Aug-2009	13:28	20.169	1.169	-0.331	11.770	8.399	ND	ND	8.399
MWG81	26-Mar-2008	11:00	20.164	8.664	5.664	12.020	8.144	ND	ND	8.144
Guildford (Regional)	12-May-2008	10:47	20.164	8.664	5.664	12.220	7.944	ND	ND	7.944
Oliver St	12-Oct-2008	10:00	20.164	8.664	5.664	11.100	9.064	ND	ND	9.064
	24-Mar-2009	16:53	20.164	8.664	5.664	11.910	8.254	ND	ND	8.254
	24-Aug-2009	13:20	20.164	8.664	5.664	11.755	8.409	ND	ND	8.409
MWG82	25-Mar-2008	11:00	20.055	8.055	5.055	12.285	7.770	ND	ND	7.770
Guildford (Regional)	12-May-2008	11:06	20.055	8.055	5.055	11.400	8.655	ND	ND	8.655
	24-Mar-2009	14:25	20.055	8.055	5.055	12.120	7.935	ND	ND	7.935
	24-Aug-2009	14:30	20.055	8.055	5.055	11.795	8.260	ND	ND	8.260
	17-Jun-2011	9:14	20.055	8.055	5.055	12.940	7.115	ND	ND	7.115
	11-Jun-2012	10:55	20.055	8.055	5.055	12.250	7.805	ND	ND	7.805
MWG83	27-Mar-2008	11:00	20.303	2.303	-0.697	12.280	8.023	ND	ND	8.023
Base of Guildford	12-May-2008	13:09	20.303	2.303	-0.697	12.440	7.863	ND	ND	7.863
Lot 2	12-Oct-2008	12:00	20.303	2.303	-0.697	11.340	8.963	ND	ND	8.963
	24-Mar-2009	10:43	20.303	2.303	-0.697	12.175	8.128	ND	ND	8.128
	24-Aug-2009	12:06	20.303	2.303	-0.697	11.920	8.383	ND	ND	8.383
MWG84	27-Mar-2008	11:00	20.28	8.380	5.380	12.240	8.040	ND	ND	8.040
Guildford (Regional)	12-May-2008	13:10	20.28	8.380	5.380	12.400	7.880	ND	ND	7.880
Lot 2	12-Oct-2008	14:22	20.28	8.380	5.380	11.300	8.980	ND	ND	8.980
	24-Mar-2009	10:46	20.28	8.380	5.380	12.140	8.140	ND	ND	8.140
	24-Aug-2009	12:08	20.28	8.380	5.380	11.895	8.385	ND	ND	8.385
	22-Dec-2010		20.28	8.380	5.380	12.179	8.101	ND	ND	8.101
MWG85	27-Mar-2008	11:00	20.555	7.555	4.555	12.510	8.045	ND	ND	8.045
Guildford (Regional)	12-May-2008	11:01	20.555	7.555	4.555	12.670	7.885	ND	ND	7.885
	24-Mar-2009	16:15	20.555	7.555	4.555	12.400	8.155	ND	ND	8.155
MWG86	26-Mar-2008	11:00	20.079	8.079	5.079	11.900	8.179	ND	ND	8.179
Guildford (Regional)	12-May-2008	10:38	20.079	8.079	5.079	12.110	7.969	ND	ND	7.969
	24-Mar-2009	12:29	20.079	8.079	5.079	11.778	8.301	ND	ND	8.301
	24-Aug-2009	13:11	20.079	8.079	5.079	11.670	8.409	ND	ND	8.409
	14-Jan-2009	8:30	8.473	6.470	5.470	1.100	7.373	ND	ND	7.373
MWG87A	24-Mar-2009	15:00	8.473	6.470	5.470	1.595	6.878	ND	ND	6.878
	6-Apr-2009	9:47	8.473	6.470	5.470	1.620	6.853	ND	ND	6.853
	21-Sep-2009	13:05	8.473	6.470	5.470	0.445	8.028	ND	ND	8.028
				Decommisioned						
MWG87B	14-Jan-2009	9:50	8.47	4.470	3.470	0.670	7.800	ND	ND	7.800
	24-Mar-2009	15:05	8.47	4.470	3.470	1.208	7.262	ND	ND	7.262
	6-Apr-2009	9:48	8.47	4.470	3.470	1.230	7.240	ND	ND	7.240
	21-Sep-2009	13:07	8.47	4.470	3.470	0.145	8.325	ND	ND	8.325
				Decommisioned						
MWG87C	14-Jan-2009	10:45	8.47	2.470	1.470	0.485	7.985	ND	ND	7.985
	24-Mar-2009	15:08	8.47	2.470	1.470	1.065	7.405	ND	ND	7.405
	6-Apr-2009	9:49	8.47	2.470	1.470	1.162	7.308	ND	ND	7.308
	21-Sep-2009	13:08	8.47	2.470	1.470	0.110	8.360	ND	ND	8.360
				Decommisioned						
MWG87D	14-Jan-2009	11:25	8.476	0.470	-0.530	0.504	7.972	ND	ND	7.972
	21-Mar-2009	15:11	8.476	0.470	-0.530	1.079	7.397	ND	ND	7.397
	6-Apr-2009	9:50	8.476	0.470	-0.530	1.175	7.301	ND	ND	7.301
	21-Sep-2009	13:08	8.476	0.470	-0.530	0.100	8.376	ND	ND	8.376
				Decommisioned						
MWG88A	14-Jan-2009	8:34	8.917	6.340	5.340	1.220	7.697	ND	ND	7.697
	24-Mar-2009	15:21	8.917	6.340	5.340	1.855	7.062	ND	ND	7.062
	6-Apr-2009	9:53	8.917	6.340	5.340	1.830	7.087	ND	ND	7.087
	21-Sep-2009	13:10	8.917	6.340	5.340	0.710	8.207	ND	ND	8.207
				Decommisioned						
MWG88B	14-Jan-2009	8:35	8.93	4.340	3.340	1.000	7.930	ND	ND	7.930
	24-Mar-2009	15:24	8.93	4.340	3.340	1.584	7.346	ND	ND	7.346
	6-Apr-2009	9:54	8.93	4.340	3.340	1.675	7.255	ND	ND	7.255
	21-Sep-2009	13:11	8.93	4.340	3.340	0.585	8.345	ND	ND	8.345
				Decommisioned						

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG88C	14-Jan-2009	8:37	8.932	2.340	1.340	1.000	7.932	ND	ND	7.932
	24-Mar-2009	15:26	8.932	2.340	1.340	1.579	7.353	ND	ND	7.353
	6-Apr-2009	9:55	8.932	2.340	1.340	1.672	7.260	ND	ND	7.260
	21-Sep-2009	13:12	8.932	2.340	1.340	0.575	8.357	ND	ND	8.357
				Decommisioned						
MWG88D	14-Jan-2009	8:39	8.909	0.340	-0.660	0.990	7.919	ND	ND	7.919
	24-Mar-2009	15:29	8.909	0.340	-0.660	1.581	7.328	ND	ND	7.328
	6-Apr-2009	9:56	8.909	0.340	-0.660	1.680	7.229	ND	ND	7.229
	21-Sep-2009	13:13	8.909	0.340	-0.660	0.565	8.344	ND	ND	8.344
				Decommisioned						
MWG89A	14-Jan-2009	12:35	8.875	7.230	6.230	0.945	7.930	ND	ND	7.930
	24-Mar-2009	15:38	8.875	7.230	6.230	1.539	7.336	ND	ND	7.336
	6-Apr-2009	9:03	8.875	7.230	6.230	1.595	7.280	ND	ND	7.280
	21-Sep-2009	13:15	8.875	7.230	6.230	0.535	8.340	ND	ND	8.340
				Decommisioned						
MWG89B	14-Jan-2009	12:37	8.881	5.230	4.230	0.920	7.961	ND	ND	7.961
	24-Mar-2009	15:41	8.881	5.230	4.230	1.525	7.356	ND	ND	7.356
	6-Apr-2009	9:04	8.881	5.230	4.230	1.600	7.281	ND	ND	7.281
	21-Sep-2009	13:15	8.881	5.230	4.230	0.520	8.361	ND	ND	8.361
				Decommisioned						
MWG89C	14-Jan-2009	12:38	8.88	3.230	2.230	0.925	7.955	ND	ND	7.955
	24-Mar-2009	15:46	8.88	3.230	2.230	1.550	7.330	ND	ND	7.330
	6-Apr-2009	9:05	8.88	3.230	2.230	1.645	7.235	ND	ND	7.235
	21-Sep-2009	13:16	8.88	3.230	2.230	0.525	8.355	ND	ND	8.355
				Decommisioned						
MWG89D	14-Jan-2009	12:41	8.879	1.230	0.230	0.980	7.899	ND	ND	7.899
	24-Mar-2009	15:50	8.879	1.230	0.230	1.570	7.309	ND	ND	7.309
	6-Apr-2009	9:07	8.879	1.230	0.230	1.667	7.212	ND	ND	7.212
	21-Sep-2009	13:16	8.879	1.230	0.230	0.540	8.339	ND	ND	8.339
				Decommisioned						
MWG90A	14-Jan-2009	12:15	9.205	7.640	6.640	1.685	7.520	ND	ND	7.520
	24-Mar-2009	15:59	9.205	7.640	6.640	1.274	7.931	ND	ND	7.931
	6-Apr-2009	9:10	9.205	7.640	6.640	2.330	6.875	ND	ND	6.875
	21-Sep-2009	13:17	9.205	7.640	6.640	0.765	8.440	ND	ND	8.440
	24-Aug-2010	14:38	9.205	7.640	6.640	1.360	7.845	ND	ND	7.845
	5-Nov-2010	11:08	9.205	7.640	6.640	1.330	7.875	ND	ND	7.875
	22-Dec-2010	12:16	9.205	7.640	6.640	1.593	7.612	ND	ND	7.612
	24-Feb-2011	8:30	9.205	7.640	6.640	2.090	7.115	ND	ND	7.115
	9-Jun-2011	14:33	9.205	7.640	6.640	2.270	6.935	ND	ND	6.935
MWG90B	14-Jan-2009	1:30	9.202	5.640	4.640	1.090	8.112	ND	ND	8.112
	24-Mar-2009	16:04	9.202	5.640	4.640	1.685	7.517	ND	ND	7.517
	6-Apr-2009	9:12	9.202	5.640	4.640	1.780	7.422	ND	ND	7.422
	21-Sep-2009	13:17	9.202	5.640	4.640	0.755	8.447	ND	ND	8.447
	24-Aug-2010	14:39	9.202	5.640	4.640	1.290	7.912	ND	ND	7.912
	5-Nov-2010	11:10	9.202	5.640	4.640	1.270	7.932	ND	ND	7.932
	22-Dec-2010	12:19	9.202	5.640	4.640	1.501	7.701	ND	ND	7.701
	24-Feb-2011	8:30	9.202	5.640	4.640	1.970	7.232	ND	ND	7.232
	9-Jun-2011	14:34	9.202	5.640	4.640	2.230	6.972	ND	ND	6.972
MWG90C	14-Jan-2009	2:20	9.204	3.640	2.640	1.110	8.094	ND	ND	8.094
	24-Mar-2009	16:07	9.204	3.640	2.640	1.701	7.503	ND	ND	7.503
	6-Apr-2009	9:13	9.204	3.640	2.640	1.799	7.405	ND	ND	7.405
	21-Sep-2009	13:18	9.204	3.640	2.640	0.760	8.444	ND	ND	8.444
	24-Aug-2010	14:40	9.204	3.640	2.640	1.300	7.904	ND	ND	7.904
	5-Nov-2010	11:12	9.204	3.640	2.640	1.285	7.919	ND	ND	7.919
	22-Dec-2010	12:23	9.204	3.640	2.640	1.522	7.682	ND	ND	7.682
	24-Feb-2011	8:35	9.204	3.640	2.640	1.990	7.214	ND	ND	7.214
	9-Jun-2011	14:35	9.204	3.640	2.640	2.250	6.954	ND	ND	6.954
MWG90D	14-Jan-2009	3:05	9.208	1.640	0.640	1.120	8.088	ND	ND	8.088
	24-Mar-2009	16:10	9.208	1.640	0.640	1.710	7.498	ND	ND	7.498
	6-Apr-2009	9:14	9.208	1.640	0.640	1.811	7.397	ND	ND	7.397
	21-Sep-2009	13:18	9.208	1.640	0.640	0.770	8.438	ND	ND	8.438
	24-Aug-2010	14:41	9.208	1.640	0.640	1.305	7.903	ND	ND	7.903
	5-Nov-2010	11:14	9.208	1.640	0.640	1.290	7.918	ND	ND	7.918
	22-Dec-2010	12:24	9.208	1.640	0.640	1.532	7.676	ND	ND	7.676
	24-Feb-2011	8:35	9.208	1.640	0.640	2.000	7.208	ND	ND	7.208
	9-Jun-2011	14:36	9.208	1.640	0.640	2.260	6.948	ND	ND	6.948
MWG91A	22-Sep-2009	12:00	19.535	10.335	6.335	11.045	8.490	ND	ND	8.490
	27-May-2010	8:15	19.535	10.335	6.335	12.130	7.405	ND	ND	7.405
	22-Dec-2010	7:40	19.535	10.335	6.335	11.766	7.769	ND	ND	7.769
	17-Jun-2011	9:50	19.535	10.335	6.335	12.490	7.045	ND	ND	7.045
	11-Jun-2012	12:02	19.535	10.335	6.335	11.790	7.745	ND	ND	7.745
MWG91B	22-Sep-2009	10:11	19.52	6.620	3.620	11.025	8.495	ND	ND	8.495
	27-May-2020	12:09	19.52	6.620	3.620	12.090	7.430	ND	ND	7.430
	22-Dec-2010	7:34	19.52	6.620	3.620	11.753	7.767	ND	ND	7.767
	17-Jun-2011	9:49	19.52	6.620	3.620	12.480	7.040	ND	ND	7.040
	11-Jun-2012	12:06	19.52	6.620	3.620	11.790	7.730	ND	ND	7.730
MWG91C	22-Sep-2009	8:51	19.431	3.231	0.231	10.955	8.476	ND	ND	8.476
	27-May-2010	12:20	19.431	3.231	0.231	12.040	7.391	ND	ND	7.391
	22-Dec-2010	7:44	19.431	3.231	0.231	11.680	7.751	ND	ND	7.751
	17-Jun-2011	9:48	19.431	3.231	0.231	12.400	7.031	ND	ND	7.031
	11-Jun-2012	11:57	19.431	3.231	0.231	11.710	7.721	ND	ND	7.721
MWG92	21-Sep-2009	8:40	8.873	-1.627	-3.627	0.760	8.113	ND	ND	8.113
MWG93	21-Sep-2009	8:30	9.424	-1.776	-3.776	1.130	8.294	ND	ND	8.294
MWG100A	28-Jul-2010	12:50	9.679		5.559	1.970	7.709	ND	ND	7.709
Denitrification	24-Aug-2010	13:30	9.679		5.559	1.795	7.884	ND	ND	7.884
	5-Nov-2010	9:42	9.679		5.559	1.830	7.849	ND	ND	7.849
	22-Dec-2010	10:00	9.679		5.559	2.028	7.651	ND	ND	7.651
	17-Jan-2011		9.679		5.559	1.738	7.941	ND	ND	7.941
	24-Feb-2011	8:40	9.679		5.559	2.455	7.224	ND	ND	7.224
	9-Jun-2011	13:42	9.679		5.559	2.760	6.919	ND	ND	6.919
MWG100B	28-Jul-2010	12:52	9.685		2.375	1.975	7.710	ND	ND	7.710
Denitrification	24-Aug-2010	13:31	9.685		2.375	1.795	7.890	ND	ND	7.890
	5-Nov-2010	9:44	9.685		2.375	1.840	7.845	ND	ND	7.845
	22-Dec-2010	10:02	9.685		2.375	2.030	7.655	ND	ND	7.655
	17-Jan-2011		9.685		2.375	1.840	7.845	ND	ND	7.845
	24-Feb-2011	8:40	9.685		2.375	2.470	7.215	ND	ND	7.215
	9-Jun-2011	13:43	9.685		2.375	2.770	6.915	ND	ND	6.915
MWG100C	28-Jul-2010	12:53	9.681		-0.369	1.960	7.721	ND	ND	7.721
Denitrification	24-Aug-2010	13:32	9.681		-0.369	1.790	7.891	ND	ND	7.891
	5-Nov-2010	9:45	9.681		-0.369	1.835	7.846	ND	ND	7.846
	22-Dec-2010	10:04	9.681		-0.369	2.031	7.650	ND	ND	7.650
	17-Jan-2011		9.681		-0.369	2.029	7.652	ND	ND	7.652
	24-Feb-2011	8:40	9.681		-0.369	2.460	7.221	ND	ND	7.221
	9-Jun-2011	13:44	9.681		-0.369	2.760	6.921	ND	ND	6.921
MWG101A	28-Jul-2010	13:37	9.483		5.453	1.780	7.703	ND	ND	7.703
Denitrification	24-Aug-2010	13:55	9.483		5.453	1.595	7.888	ND	ND	7.888
	5-Nov-2010	10:21	9.483		5.453	1.620	7.863	ND	ND	7.863
	22-Dec-2010	12:33	9.483		5.453	1.766	7.717	ND	ND	7.717
	17-Jan-2011	15:22	9.483		5.453	1.985	7.498	ND	ND	7.498
	24-Feb-2011	7:50	9.483		5.453	2.260	7.223	ND	ND	7.223
	9-Jun-2011	14:04	9.483		5.453	2.545	6.938	ND	ND	6.938

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG101B	28-Jul-2010	13:39	9.480		2.380	1.765	7.715	ND	ND	7.715
Denitrification	24-Aug-2010	13:56	9.480		2.380	1.590	7.890	ND	ND	7.890
	5-Nov-2010	10:24	9.480		2.380	1.620	7.860	ND	ND	7.860
	22-Dec-2010	12:35	9.480		2.380	1.818	7.662	ND	ND	7.662
	17-Jan-2011	15:59	9.480		2.380	1.986	7.494	ND	ND	7.494
	21-Jan-2011		9.480		2.380	2.020	7.460	ND	ND	7.460
	24-Feb-2011	7:50	9.480		2.380	2.260	7.220	ND	ND	7.220
	9-Jun-2011	14:05	9.480		2.380	2.540	6.940			6.940
MWG101C	28-Jul-2010	13:40	9.488		-0.627	1.775	7.713	ND	ND	7.713
Denitrification	24-Aug-2010	13:57	9.488		-0.627	1.585	7.903	ND	ND	7.903
	5-Nov-2010	10:26	9.488		-0.627	1.615	7.873	ND	ND	7.873
	22-Dec-2010	12:38	9.488		-0.627	1.812	7.676	ND	ND	7.676
	17-Jan-2011	16:45	9.488		-0.627	1.975	7.513	ND	ND	7.513
	21-Jan-2011		9.488		-0.627	2.030	7.458	ND	ND	7.458
	24-Feb-2011	7:50	9.488		-0.627	2.260	7.228	ND	ND	7.228
	9-Jun-2011	14:05	9.488		-0.627	2.545	6.943	ND	ND	6.943
MWG102A	28-Jul-2010	11:42	9.431		5.401	1.730	7.701	ND	ND	7.701
Denitrification	24-Aug-2010	14:17	9.431		5.401	1.530	7.901	ND	ND	7.901
	5-Nov-2010	10:53	9.431		5.401	1.550	7.881	ND	ND	7.881
	22-Dec-2010	11:32	9.431		5.401	1.628	7.803	ND	ND	7.803
	17-Jan-2011		9.431		5.401	1.935	7.496	ND	ND	7.496
	21-Jan-2011		9.431		5.401	1.960	7.471	ND	ND	7.471
	24-Feb-2011	8:20	9.431		5.401	2.200	7.231	ND	ND	7.231
	9-Jun-2011	14:19	9.431		5.401	2.480	6.951			6.951
MWG102B	28-Jul-2010	11:43	9.431		2.391	1.740	7.691	ND	ND	7.691
Denitrification	24-Aug-2010	14:18	9.431		2.391	1.540	7.891	ND	ND	7.891
	5-Nov-2010	10:54	9.431		2.391	1.550	7.881	ND	ND	7.881
	22-Dec-2010	11:36	9.431		2.391	1.768	7.663	ND	ND	7.663
	17-Jan-2011		9.431		2.391	1.951	7.480	ND	ND	7.480
	24-Feb-2011	8:20	9.431		2.391	2.210	7.221	ND	ND	7.221
	9-Jun-2011	14:20	9.431		2.391	2.485	6.946	ND	ND	6.946
MWG102C	28-Jul-2010	11:44	9.429		-0.691	1.760	7.669	ND	ND	7.669
Denitrification	24-Aug-2010	14:19	9.429		-0.691	1.570	7.859	ND	ND	7.859
	5-Nov-2010	10:56	9.429		-0.691	1.575	7.854	ND	ND	7.854
	22-Dec-2010		9.429		-0.691	1.778	7.651	ND	ND	7.651
	17-Jan-2011		9.429		-0.691	1.963	7.466	ND	ND	7.466
	24-Feb-2011	8:20	9.429		-0.691	2.270	7.159	ND	ND	7.159
	9-Jun-2011	14:21	9.429		-0.691	2.520	6.909	ND	ND	6.909
MWG103A	28-Jul-2010	12:13	9.024		5.654	1.650	7.374	ND	ND	7.374
ZVI	24-Aug-2010	13:25	9.024		5.654	1.445	7.579	ND	ND	7.579
	5-Nov-2010	9:37	9.024		5.654	1.595	7.429	ND	ND	7.429
	22-Dec-2010	10:09	9.024		5.654	1.870	7.154	ND	ND	7.154
	17-Jan-2011	9:45	9.024		5.654	2.122	6.902	ND	ND	6.902
	24-Feb-2011	8:40	9.024		5.654	2.360	6.664	ND	ND	6.664
	9-Jun-2011	13:47	9.024		5.654	2.470	6.554	ND	ND	6.554
MWG103B	28-Jul-2010	12:14	9.027		2.392	1.650	7.377	ND	ND	7.377
ZVI	24-Aug-2010	13:26	9.027		2.392	1.445	7.582	ND	ND	7.582
	5-Nov-2010	9:38	9.027		2.392	1.590	7.437	ND	ND	7.437
	22-Dec-2010	10:11	9.027		2.392	1.865	7.162	ND	ND	7.162
	17-Jan-2011	10:30	9.027		2.392	2.166	6.861	ND	ND	6.861
	24-Feb-2011	8:40	9.027		2.392	2.360	6.667	ND	ND	6.667
	9-Jun-2011	13:47	9.027		2.392	2.470	6.557	ND	ND	6.557
MWG103C	28-Jul-2010	12:15	9.024		-0.306	1.645	7.379	ND	ND	7.379
ZVI	24-Aug-2010	13:27	9.024		-0.306	1.445	7.579	ND	ND	7.579
	5-Nov-2010	9:40	9.024		-0.306	1.585	7.439	ND	ND	7.439
	22-Dec-2010	10:13	9.024		-0.306	1.860	7.164	ND	ND	7.164
	17-Jan-2011	11:14	9.024		-0.306	2.066	6.958	ND	ND	6.958
	24-Feb-2011	8:40	9.024		-0.306	2.360	6.664	ND	ND	6.664
	9-Jun-2011	13:48	9.024		-0.306	2.470	6.554	ND	ND	
MWG104A	28-Jul-2010	13:22	8.964		5.374	1.570	7.394	ND	ND	7.394
ZVI	24-Aug-2010	13:44	8.964		5.374	1.380	7.584	ND	ND	7.584
	5-Nov-2010	10:01	8.964		5.374	1.530	7.434	ND	ND	7.434
	22-Dec-2010	9:03	8.964		5.374	1.830	7.134	ND	ND	7.134
	17-Jan-2011	10:48	8.964		5.374	2.065	6.899	ND	ND	6.899
	24-Feb-2011	7:40	8.964		5.374	2.345	6.619	ND	ND	6.619
	9-Jun-2011	13:59	8.964		5.374	2.420	6.544	ND	ND	6.544
MWG104B	28-Jul-2010	13:24	8.967		2.332	1.580	7.387	ND	ND	7.387
ZVI	24-Aug-2010	13:45	8.967		2.332	1.385	7.582	ND	ND	7.582
	5-Nov-2010	10:03	8.967		2.332	1.535	7.432	ND	ND	7.432
	22-Dec-2010	9:05	8.967		2.332	1.828	7.139	ND	ND	7.139
	17-Jan-2011	12:30	8.967		2.332	2.066	6.901	ND	ND	6.901
	21-Jan-2011		8.967		2.332	2.100	6.867	ND	ND	6.867
	24-Feb-2011	7:40	8.967		2.332	2.350	6.617	ND	ND	6.617
	9-Jun-2011	14:00	8.967		2.332	2.435	6.532	ND	ND	6.532
MWG104C	28-Jul-2010	13:25	8.967		-0.673	1.585	7.382	ND	ND	7.382
ZVI	24-Aug-2010	13:46	8.967		-0.673	1.385	7.582	ND	ND	7.582
	5-Nov-2010	10:05	8.967		-0.673	1.530	7.437	ND	ND	7.437
	22-Dec-2010	9:07	8.967		-0.673	1.823	7.144	ND	ND	7.144
	17-Jan-2011	12:14	8.967		-0.673	2.056	6.911	ND	ND	6.911
	21-Jan-2011		8.967		-0.673	2.090	6.877	ND	ND	6.877
	24-Feb-2011	7:40	8.967		-0.673	2.350	6.617	ND	ND	6.617
	9-Jun-2011	14:01	8.967		-0.673	2.435	6.532	ND	ND	6.532
MWG105A	28-Jul-2010	11:00	9.034		5.514	1.590	7.444	ND	ND	7.444
ZVI	24-Aug-2010	14:13	9.034		5.514	1.380	7.654	ND	ND	7.654
	5-Nov-2010	10:49	9.034		5.514	1.530	7.504	ND	ND	7.504
	22-Dec-2010	11:00	9.034		5.514	1.828	7.206	ND	ND	7.206
	17-Jan-2011	15:53	9.034		5.514	2.056	6.978	ND	ND	6.978
	24-Feb-2011	8:15	9.034		5.514	2.360	6.674	ND	ND	6.674
	9-Jun-2011	14:15	9.034		5.514	2.470	6.564	ND	ND	6.564
MWG105B	28-Jul-2010	11:00	9.038		2.458	1.580	7.458	ND	ND	7.458
ZVI	24-Aug-2010	14:14	9.038		2.458	1.385	7.653	ND	ND	7.653
	5-Nov-2010	10:50	9.038		2.458	1.535	7.503	ND	ND	7.503
	22-Dec-2010	11:04	9.038		2.458	1.832	7.206	ND	ND	7.206
	17-Jan-2011	16:23	9.038		2.458	2.071	6.967	ND	ND	6.967
	24-Feb-2011	8:15	9.038		2.458	2.380	6.658	ND	ND	6.658
	9-Jun-2011	14:15	9.038		2.458	2.480	6.558	ND	ND	6.558
MWG105C	28-Jul-2010	11:00	9.037		-0.583	1.600	7.437	ND	ND	7.437
ZVI	24-Aug-2010	14:15	9.037		-0.583	1.405	7.632	ND	ND	7.632
	5-Nov-2010	10:51	9.037		-0.583	1.570	7.467	ND	ND	7.467
	22-Dec-2010	11:07	9.037		-0.583	1.868	7.169	ND	ND	7.169
	17-Jan-2011	16:53	9.037		-0.583	2.116	6.921	ND	ND	6.921
	24-Feb-2011	8:15	9.037		-0.583	2.400	6.637	ND	ND	6.637
	9-Jun-2011	14:16	9.037		-0.583	2.495	6.542	ND	ND	6.542
MWG106A	28-Jul-2010	13:00	9.995		5.630	2.330	7.665	ND	ND	7.665
	24-Aug-2010	13:35	9.995		5.630	2.145	7.850	ND	ND	7.850
	5-Nov-2010	9:49	9.995		5.630	2.145	7.850	ND	ND	7.850
	22-Dec-2010	9:53	9.995		5.630	2.385	7.610	ND	ND	7.610
	24-Feb-2011	8:32	9.995		5.630	2.830	7.165	ND	ND	7.165
	9-Jun-2011	13:40	9.995		5.630	3.100	6.895	ND	ND	6.895

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG106B	28-Jul-2010	13:02	9.996		2.376	2.335	7.661	ND	ND	7.661
	24-Aug-2010	13:36	9.996		2.376	2.150	7.846	ND	ND	7.846
	5-Nov-2010	9:51	9.996		2.376	2.150	7.846	ND	ND	7.846
	22-Dec-2010	9:55	9.996		2.376	2.388	7.608	ND	ND	7.608
	24-Feb-2011	8:32	9.996		2.376	2.840	7.156	ND	ND	7.156
	9-Jun-2011	13:41	9.996		2.376	3.110	6.886	ND	ND	6.886
MWG107A	28-Jul-2010	13:42	9.853		5.283	2.125	7.728	ND	ND	7.728
	24-Aug-2010	14:01	9.853		5.283	1.945	7.908	ND	ND	7.908
	5-Nov-2010	10:29	9.853		5.283	1.970	7.883	ND	ND	7.883
	22-Dec-2010		9.853		5.283	2.191	7.662	ND	ND	7.662
	17-Jan-2011	12:00	9.853		5.283	2.365	7.488	ND	ND	7.488
	24-Feb-2011	7:55	9.853		5.283	2.640	7.213	ND	ND	7.213
	9-Jun-2011	14:06	9.853		5.283	2.940	6.913	ND	ND	6.913
MWG107B	28-Jul-2010	13:44	9.863		2.243	2.185	7.678	ND	ND	7.678
	24-Aug-2010	14:02	9.863		2.243	1.995	7.868	ND	ND	7.868
	5-Nov-2010	10:30	9.863		2.243	1.975	7.888	ND	ND	7.888
	22-Dec-2010		9.863		2.243	2.222	7.641	ND	ND	7.641
	17-Jan-2011	12:55	9.863		2.243	2.399	7.464	ND	ND	7.464
	21-Jan-2011		9.863		2.243	2.440	7.423	ND	ND	7.423
	24-Feb-2011	7:55	9.863		2.243	2.680	7.183	ND	ND	7.183
	9-Jun-2011	14:07	9.863		2.243	2.950	6.913	ND	ND	6.913
MWG107C	28-Jul-2010	13:45	9.871		-0.794	2.355	7.516	ND	ND	7.516
	24-Aug-2010	14:03	9.871		-0.794	2.160	7.711	ND	ND	7.711
	5-Nov-2010	10:31	9.871		-0.794	2.240	7.631	ND	ND	7.631
	22-Dec-2010		9.871		-0.794	2.519	7.352	ND	ND	7.352
	17-Jan-2011	14:30	9.871		-0.794	2.731	7.140	ND	ND	7.140
	21-Jan-2011		9.871		-0.794	2.750	7.121	ND	ND	7.121
	24-Feb-2011	7:55	9.871		-0.794	2.980	6.891	ND	ND	6.891
	9-Jun-2011	14:08	9.871		-0.794	3.165	6.706	ND	ND	6.706
MWG107D	28-Jul-2010	13:47	9.870		-4.395	2.470	7.400	ND	ND	7.400
	24-Aug-2010	14:04	9.870		-4.395	2.275	7.595	ND	ND	7.595
	5-Nov-2010	10:33	9.870		-4.395	2.425	7.445	ND	ND	7.445
	22-Dec-2010		9.870		-4.395	2.735	7.135	ND	ND	7.135
	24-Feb-2011	7:55	9.870		-4.395	3.290	6.580	ND	ND	6.580
	9-Jun-2011	14:09	9.870		-4.395	3.400	6.470	ND	ND	6.470
MWG108A	28-Jul-2010	13:51	10.006		5.481	2.320	7.686	ND	ND	7.686
	24-Aug-2010	14:21	10.006		5.481	2.120	7.886	ND	ND	7.886
	5-Nov-2010	10:57	10.006		5.481	2.105	7.901	ND	ND	7.901
	22-Dec-2010	11:43	10.006		5.481	2.337	7.669	ND	ND	7.669
	24-Feb-2011	8:25	10.006		5.481	2.800	7.206	ND	ND	7.206
	9-Jun-2011	14:23	10.006		5.481	3.065	6.941	ND	ND	6.941
MWG108B	28-Jul-2010	13:53	10.010		2.655	2.320	7.690	ND	ND	7.690
	24-Aug-2010	14:23	10.010		2.655	2.125	7.885	ND	ND	7.885
	5-Nov-2010	10:58	10.010		2.655	2.110	7.900	ND	ND	7.900
	22-Dec-2010	11:46	10.010		2.655	2.342	7.668	ND	ND	7.668
	24-Feb-2011	8:25	10.010		2.655	2.810	7.200	ND	ND	7.200
	9-Jun-2011	14:24	10.010		2.655	3.070	6.940	ND	ND	6.940
MWG109A	28-Jul-2010	8:32	9.030		5.450	1.795	7.235	ND	ND	7.235
	24-Aug-2010	13:20	9.030		5.450	1.695	7.335	ND	ND	7.335
	5-Nov-2010	9:28	9.030		5.450	2.400	6.630	ND	ND	6.630
	22-Dec-2010	8:55	9.030		5.450	2.930	6.100	ND	ND	6.100
	17-Jan-2011		9.030		5.450	3.210	5.820	ND	ND	5.820
	24-Feb-2011	8:50	9.030		5.450	3.500	5.530	ND	ND	5.530
	9-Jun-2011	13:48	9.030		5.450	2.770	6.260	ND	ND	6.260
MWG109B	28-Jul-2010	8:35	9.031		2.236	1.780	7.251	ND	ND	7.251
	24-Aug-2010	13:21	9.031		2.236	1.600	7.431	ND	ND	7.431
	5-Nov-2010	9:30	9.031		2.236	1.770	7.261	ND	ND	7.261
	22-Dec-2010	5:57	9.031		2.236	2.048	6.983	ND	ND	6.983
	17-Jan-2011		9.031		2.236	2.335	6.696	ND	ND	6.696
	24-Feb-2011	8:50	9.031		2.236	2.620	6.411	ND	ND	6.411
	9-Jun-2011	13:48	9.031		2.236	2.660	6.371	ND	ND	6.371
MWG109C	28-Jul-2010	8:35	9.031		-0.554	1.740	7.291	ND	ND	7.291
	24-Aug-2010	13:22	9.031		-0.554	1.535	7.496	ND	ND	7.496
	5-Nov-2010	9:32	9.031		-0.554	1.710	7.321	ND	ND	7.321
	22-Dec-2010	8:58	9.031		-0.554	1.980	7.051	ND	ND	7.051
	17-Jan-2011		9.031		-0.554	2.177	6.854	ND	ND	6.854
	24-Feb-2011	8:50	9.031		-0.554	2.500	6.531	ND	ND	6.531
	9-Jun-2011	13:49	9.031		-0.554	2.770	6.261	ND	ND	6.261
MWG109D	28-Jul-2010	8:35	9.031		-4.139	1.790	7.241	ND	ND	7.241
	24-Aug-2010	13:20	9.031		-4.139	1.595	7.436	ND	ND	7.436
	5-Nov-2010	9:33	9.031		-4.139	1.815	7.216	ND	ND	7.216
	22-Dec-2010	9:00	9.031		-4.139	2.160	6.871	ND	ND	6.871
	24-Feb-2011	8:50	9.031		-4.139	2.740	6.291	ND	ND	6.291
	9-Jun-2011	13:49	9.031		-4.139	2.780	6.251	ND	ND	6.251
MWG110A	28-Jul-2010	13:12	8.944		5.362	1.695	7.249	ND	ND	7.249
	24-Aug-2010	13:39	8.944		5.362	1.600	7.344	ND	ND	7.344
	5-Nov-2010	9:54	8.944		5.362	2.290	6.654	ND	ND	6.654
	22-Dec-2010		8.944		5.362	2.808	6.136	ND	ND	6.136
	17-Jan-2011	8:50	8.944		5.362	3.185	5.759	ND	ND	5.759
	21-Jan-2011		8.944		5.362	3.250	5.694	ND	ND	5.694
	24-Feb-2011	7:30	8.944		5.362	3.485	5.459	ND	ND	5.459
	9-Jun-2011	13:56	8.944		5.362	2.655	6.289	ND	ND	6.289
MWG110B	28-Jul-2010	13:13	8.947		2.332	1.700	7.247	ND	ND	7.247
	24-Aug-2010	13:40	8.947		2.332	1.615	7.332	ND	ND	7.332
	5-Nov-2010	9:55	8.947		2.332	2.280	6.667	ND	ND	6.667
	22-Dec-2010		8.947		2.332	2.819	6.128	ND	ND	6.128
	17-Jan-2011	9:17	8.947		2.332	3.230	5.717	ND	ND	5.717
	24-Feb-2011	7:30	8.947		2.332	3.530	5.417	ND	ND	5.417
	9-Jun-2011	13:57	8.947		2.332	2.695	6.252	ND	ND	6.252
MWG110C	28-Jul-2010	13:15	8.947		-0.653	1.960	6.987	ND	ND	6.987
	24-Aug-2010	13:41	8.947		-0.653	1.765	7.182	ND	ND	7.182
	5-Nov-2010	9:57	8.947		-0.653	2.120	6.827	ND	ND	6.827
	22-Dec-2010		8.947		-0.653	2.493	6.454	ND	ND	6.454
	17-Jan-2011	9:55	8.947		-0.653	2.825	6.122	ND	ND	6.122
	21-Jan-2011		8.947		-0.653	2.870	6.077	ND	ND	6.077
	24-Feb-2011	7:30	8.947		-0.653	3.180	5.767	ND	ND	5.767
	9-Jun-2011	13:57	8.947		-0.653	3.080				
MWG110D	28-Jul-2010	13:17	8.947		-4.243	1.690	7.257	ND	ND	7.257
	24-Aug-2010	13:42	8.947		-4.243	1.495	7.452	ND	ND	7.452
	5-Nov-2010	9:59	8.947		-4.243	1.715	7.232	ND	ND	7.232
	22-Dec-2010		8.947		-4.243	2.048	6.899	ND	ND	6.899
	24-Feb-2011	7:30	8.947		-4.243	2.650	6.297	ND	ND	6.297
	9-Jun-2011	13:58	8.947		-4.243	2.680	6.267			6.267
MWG111A	28-Jul-2010	10:27	8.900		5.290	1.680	7.220	ND	ND	7.220
	24-Aug-2010	14:07	8.900		5.290	1.555	7.345	ND	ND	7.345
	5-Nov-2010	10:40	8.900		5.290	2.210	6.690	ND	ND	6.690
	22-Dec-2010		8.900		5.290	2.576	6.324	ND	ND	6.324
	17-Jan-2011		8.900		5.290	2.889	6.011	ND	ND	6.011
	24-Feb-2011	8:00	8.900		5.290	3.230	5.670	ND	ND	5.670
	9-Jun-2011	14:12	8.900		5.290	2.510	6.390	ND	ND	6.390

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
MWG111B	28-Jul-2010	10:27	8.910		2.270	1.715	7.195	ND	ND	7.195
	24-Aug-2010	14:08	8.910		2.270	1.585	7.325	ND	ND	7.325
	5-Nov-2010	10:44	8.910		2.270	2.160	6.750	ND	ND	6.750
	22-Dec-2010		8.910		2.270	2.639	6.271	ND	ND	6.271
	17-Jan-2011		8.910		2.270	2.952	5.958	ND	ND	5.958
	24-Feb-2011	8:00	8.910		2.270	3.280	5.630	ND	ND	5.630
	9-Jun-2011	14:13	8.910		2.270	2.690	6.220	ND	ND	6.220
MWG111C	28-Jul-2010	10:30	8.902		-0.733	1.730	7.172	ND	ND	7.172
	24-Aug-2010	14:09	8.902		-0.733	1.525	7.377	ND	ND	7.377
	5-Nov-2010	10:45	8.902		-0.733	1.780	7.122	ND	ND	7.122
	22-Dec-2010		8.902		-0.733	2.121	6.781	ND	ND	6.781
	17-Jan-2011		8.902		-0.733	2.423	6.479	ND	ND	6.479
	24-Feb-2011	8:00	8.902		-0.733	2.770	6.132	ND	ND	6.132
	9-Jun-2011	14:13	8.902		-0.733	2.785	6.117	ND	ND	6.117
MWG111D	28-Jul-2010	10:30	8.899		-4.281	1.570	7.329	ND	ND	7.329
	24-Aug-2010	14:10	8.899		-4.281	1.370	7.529	ND	ND	7.529
	5-Nov-2010	10:47	8.899		-4.281	1.570	7.329	ND	ND	7.329
	22-Dec-2010		8.899		-4.281	1.886	7.013	ND	ND	7.013
	24-Feb-2011	8:00	8.899		-4.281	2.470	6.429	ND	ND	6.429
	9-Jun-2011	14:14	8.899		-4.281	2.535	6.364	ND	ND	6.364
MWG112A	28-Jul-2010	13:26	9.061		5.501	1.365	7.696	ND	ND	7.696
	24-Aug-2010	13:48	9.061		5.501	1.200	7.862	ND	ND	7.862
	5-Nov-2010	10:16	9.061		5.501	1.215	7.846	ND	ND	7.846
	22-Dec-2010	10:44	9.061		5.501	1.434	7.627	ND	ND	7.627
	17-Jan-2011	12:52	9.061		5.501	1.565	7.496	ND	ND	7.496
	24-Feb-2011	7:45	9.061		5.501	1.870	7.191	ND	ND	7.191
	9-Jun-2011	14:01	9.061		5.501	2.100	6.961	ND	ND	6.961
MWG112B	28-Jul-2010	13:27	9.070		2.480	1.590	7.480	ND	ND	7.480
	24-Aug-2010	13:49	9.070		2.480	1.410	7.660	ND	ND	7.660
	5-Nov-2010	10:15	9.070		2.480	1.505	7.565	ND	ND	7.565
	22-Dec-2010	10:48	9.070		2.480	1.779	7.291	ND	ND	7.291
	17-Jan-2011	14:23	9.070		2.480	1.995	7.075	ND	ND	7.075
	21-Jan-2011		9.070		2.480	2.100	6.970	ND	ND	6.970
	24-Feb-2011	7:45	9.070		2.480	2.270	6.800	ND	ND	6.800
	9-Jun-2011	14:02	9.070		2.480	2.405	6.665	ND	ND	6.665
MWG112C	28-Jul-2010	13:29	9.070		-0.005	1.580	7.490	ND	ND	7.490
	24-Aug-2010	13:50	9.070		-0.005	1.375	7.695	ND	ND	7.695
	5-Nov-2010	10:17	9.070		-0.005	1.445	7.625	ND	ND	7.625
	22-Dec-2010	10:51	9.070		-0.005	1.713	7.357	ND	ND	7.357
	17-Jan-2011	15:07	9.070		-0.005	1.890	7.180	ND	ND	7.180
	21-Jan-2011		9.070		-0.005	1.970	7.100	ND	ND	7.100
	24-Feb-2011	7:45	9.070		-0.005	2.205	6.865	ND	ND	6.865
	9-Jun-2011	14:02	9.070		-0.005	2.370	6.700	ND	ND	
MWG112D	28-Jul-2010	13:30	9.066		-4.214	1.730	7.336	ND	ND	7.336
	24-Aug-2010	13:51	9.066		-4.214	1.535	7.531	ND	ND	7.531
	5-Nov-2010	10:19	9.066		-4.214	1.715	7.351	ND	ND	7.351
	22-Dec-2010	10:53	9.066		-4.214	2.032	7.034	ND	ND	7.034
	24-Feb-2011	7:45	9.066		-4.214	2.610	6.456	ND	ND	6.456
	9-Jun-2011	14:03	9.066		-4.214	2.690	6.376	ND	ND	6.376
MWG113	28-Jul-2010	8:17	8.731		4.396	1.510	7.221	ND	ND	7.221
	24-Aug-2010	13:16	8.731		4.396	1.405	7.326	ND	ND	7.326
	5-Nov-2010	9:13	8.731		4.396	2.120	6.611	ND	ND	6.611
	22-Dec-2010	9:41	8.731		4.396	2.798	5.933	ND	ND	5.933
	24-Feb-2011	9:00	8.731		4.396	3.690	5.041	ND	ND	5.041
	9-Jun-2011	13:37	8.731		4.396	2.750	5.981	ND	ND	5.981
MWG114	28-Jul-2010	8:15	9.242		4.152	1.550	7.692	ND	ND	7.692
	24-Aug-2010	13:12	9.242		4.152	1.360	7.882	ND	ND	7.882
	5-Nov-2010	9:21	9.242		4.152	1.415	7.827	ND	ND	7.827
	22-Dec-2010	9:44	9.242		4.152	1.601	7.641	ND	ND	7.641
	24-Feb-2011	9:00	9.242		4.152	2.030	7.212	ND	ND	7.212
	9-Jun-2011	13:38	9.242		4.152	2.350	6.892	ND	ND	6.892
MWG115	28-Jul-2010	8:20	11.019		5.319	3.390	7.629	ND	ND	7.629
	24-Aug-2010	13:09	11.019		5.319	3.200	7.819	ND	ND	7.819
	5-Nov-2010	9:24	11.019		5.319	3.205	7.814	ND	ND	7.814
	22-Dec-2010	9:47	11.019		5.319	3.448	7.571	ND	ND	7.571
	24-Feb-2011	9:00	11.019		5.319	3.900	7.119	ND	ND	7.119
	9-Jun-2011	13:39	11.019		5.319	4.160	6.859	ND	ND	6.859
MWG116	28-Jul-2010	10:00	8.622		4.182	1.520	7.102	ND	ND	7.102
	24-Aug-2010	14:34	8.622		4.182	1.270	7.352	ND	ND	7.352
	5-Nov-2010	10:06	8.622		4.182	1.830	6.792	ND	ND	6.792
	22-Dec-2010	0:28	8.622		4.182	2.254	6.368	ND	ND	6.368
	24-Feb-2011	8:30	8.622		4.182	2.990	5.632	ND	ND	5.632
	9-Jun-2011	14:30	8.622		4.182	2.200	6.422	ND	ND	6.422
MWG117	28-Jul-2010	9:15	9.200		4.365	1.890	7.310	ND	ND	7.310
	24-Aug-2010	14:29	9.200		4.365	1.675	7.525	ND	ND	7.525
	5-Nov-2010	11:04	9.200		4.365	2.065	7.135	ND	ND	7.135
	22-Dec-2010	12:08	9.200		4.365	2.289	6.911	ND	ND	6.911
	24-Feb-2011	8:30	9.200		4.365	2.630	6.570	ND	ND	6.570
	9-Jun-2011	14:39	9.200		4.365	2.590	6.610	ND	ND	6.610
MWG118	28-Jul-2010	10:10	10.256		5.256	2.670	7.586	ND	ND	7.586
	24-Aug-2010	14:27	10.256		5.256	2.365	7.891	ND	ND	7.891
	5-Nov-2010	11:02	10.256		5.256	2.345	7.911	ND	ND	7.911
	22-Dec-2010	12:14	10.256		5.256	2.581	7.675	ND	ND	7.675
	24-Feb-2011	8:30	10.256		5.256	3.040	7.216	ND	ND	7.216
	9-Jun-2011	14:29	10.256		5.256	3.320	6.936	ND	ND	6.936
MWG119A	9-Jun-2011	14:17	8.938			1.9	7.038	ND	ND	7.038
MWG119B	9-Jun-2011	14:18	8.974			2.195	6.779	ND	ND	6.779
MWG119C	9-Jun-2011	14:19	8.975			2.165	6.810	ND	ND	6.810
MWG120A	9-Jun-2011	13:44	9.128			2.52	6.608	ND	ND	6.608
MWG120B	9-Jun-2011	13:45	9.128			2.490	6.638	ND	ND	6.638
MWG120C	9-Jun-2011	13:46	9.130			2.530	6.600	ND	ND	6.600
MWG121A	9-Jun-2011		9.002							
MWG121B	14-Jun-2011		9.003			2.460	6.543	ND	ND	6.543
MWG121C	9-Jun-2011		9.000							
MWG122A	9-Jun-2011	13:50	8.961			2.39	6.571	ND	ND	6.571
MWG122B	9-Jun-2011	13:51	8.956			2.400	6.556	ND	ND	6.556
	14-Jun-2011		8.956			2.450	6.506	ND	ND	6.506
MWG122C	9-Jun-2011	13:52	8.955			2.450	6.505	ND	ND	6.505
MWG123A	9-Jun-2011	14:10	9.508			2.575	6.933	ND	ND	6.933
MWG123B	9-Jun-2011	14:11	9.509			2.565	6.944	ND	ND	6.944

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
WCB1	15-Oct-2002	NR	7.464	2.464	-2.536	0.290	7.174	ND	ND	7.174
	5-Mar-2003	NR	7.464	2.464	-2.536	0.410	7.054	ND	ND	7.054
Alluvium	14-Apr-2003	11:01	7.464	2.464	-2.536	1.200	6.264	ND	ND	6.264
	9-Dec-2003	12:36	7.464	2.464	-2.536	0.430	7.034	ND	ND	7.034
Damplands	9-Jan-2004	8:23	7.464	2.464	-2.536	0.610	6.854	ND	ND	6.854
	9-Feb-2004	10:16	7.464	2.464	-2.536	0.868	6.596	ND	ND	6.596
	8-Mar-2004	8:33	7.464	2.464	-2.536	1.135	6.329	ND	ND	6.329
	8-Apr-2004	8:03	7.464	2.464	-2.536	1.300	6.164	ND	ND	6.164
	10-May-2004	10:40	7.464	2.464	-2.536	1.359	6.105	ND	ND	6.105
	8-Jun-2004	10:45	7.464	2.464	-2.536	1.090	6.374	ND	ND	6.374
	7-Jul-2004	9:20	7.464	2.464	-2.536	0.890	6.574	ND	ND	6.574
	9-Aug-2004	8:57	7.464	2.464	-2.536	0.520	6.944	ND	ND	6.944
	14-Sep-2004	NM	7.464	2.464	-2.536	Under water	Under water	NM	NM	NA
	11-Oct-2004	NM	7.464	2.464	-2.536	Under water	Under water	NM	NM	NA
	11-Nov-2004	NM	7.464	2.464	-2.536	Under water	Under water	NM	NM	NA
	9-May-2005	15:50	7.464	2.464	-2.536	0.250	7.214	ND	ND	7.214
	8-Jun-2005	9:35	7.464	2.464	-2.536	0.785	6.679	ND	ND	6.679
	8-Jul-2005	8:42	7.464	2.464	-2.536	0.170	7.294	ND	ND	7.294
	19-Aug-2005	9:45	7.464	2.464	-2.536	Under water	Under water	ND	ND	NA
	16-Sep-2005	7:57	7.464	2.464	-2.536	Under water	Under water	ND	ND	NA
	12-Dec-2006	13:!5	7.464	2.464	-2.536	0.755	6.709	ND	ND	6.709
	12-Jan-2007	07:10	7.464	2.464	-2.536	0.980	6.484	ND	ND	6.484
	12-Feb-2007	08:48	7.464	2.464	-2.536	1.260	6.204	ND	ND	6.204
	7-Apr-2008	11:00	7.464	2.464	-2.536	1.310	6.154	ND	ND	6.154
	12-May-2008	14:12	7.464	2.464	-2.536	1.200	6.264	ND	ND	6.264
WCB2	15-Oct-2002	NR	8.211	3.211	-1.789	0.800	7.411	ND	ND	7.411
	5-Mar-2003	NR	8.211	3.211	-1.789	1.140	7.071	ND	ND	7.071
Alluvium	14-Apr-2003	10:49	8.211	3.211	-1.789	1.596	6.615	ND	ND	6.615
	9-Dec-2003	12:27	8.211	3.211	-1.789	1.095	7.116	ND	ND	7.116
Damplands	9-Jan-2004	8:12	8.211	3.211	-1.789	1.261	6.950	ND	ND	6.950
	9-Feb-2004	10:07	8.211	3.211	-1.789	1.572	6.639	ND	ND	6.639
	8-Mar-2004	8:25	8.211	3.211	-1.789	1.790	6.421	ND	ND	6.421
	8-Apr-2004	7:50	8.211	3.211	-1.789	1.962	6.249	ND	ND	6.249
	10-May-2004	10:30	8.211	3.211	-1.789	1.880	6.331	ND	ND	6.331
	8-Jun-2004	10:21	8.211	3.211	-1.789	1.471	6.740	ND	ND	6.740
	7-Jul-2004	9:30	8.211	3.211	-1.789	1.050	7.161	ND	ND	7.161
	9-Aug-2004	8:49	8.211	3.211	-1.789	0.882	7.329	ND	ND	7.329
	14-Sep-2004	9:18	8.211	3.211	-1.789	0.663	7.548	ND	ND	7.548
	11-Oct-2004	8:38	8.211	3.211	-1.789	0.808	7.403	ND	ND	7.403
	11-Nov-2004	11:52	8.211	3.211	-1.789	0.930	7.281	ND	ND	7.281
	9-May-2005	10:33	8.211	3.211	-1.789	1.640	6.571	ND	ND	6.571
	8-Jun-2005	9:50	8.211	3.211	-1.789	1.050	7.161	ND	ND	7.161
	8-Jul-2005	8:55	8.211	3.211	-1.789	0.495	7.716	ND	ND	7.716
	19-Aug-2005	9:53	8.211	3.211	-1.789	0.255	7.956	ND	ND	7.956
	16-Sep-2005	8:01	8.211	3.211	-1.789	0.460	7.751	ND	ND	7.751
	12-Dec-2006	13:10	8.211	3.211	-1.789	1.393	6.819	ND	ND	6.819
	12-Jan-2007	07:06	8.211	3.211	-1.789	1.555	6.656	ND	ND	6.656
	12-Feb-2007	08:53	8.211	3.211	-1.789	1.880	6.331	ND	ND	6.331
	7-Apr-2008	11:00	8.211	3.211	-1.789	1.830	6.381	ND	ND	6.381
	12-May-2008	14:19	8.211	3.211	-1.789	1.670	6.541	ND	ND	6.541
	24-Mar-2009	14:22	8.211	3.211	-1.789	1.980	6.231	ND	ND	6.231
	24-Aug-2009	16:33	8.211	3.211	-1.789	0.330	7.881	ND	ND	7.881
WCB3	15-Oct-2002	NR	7.398	4.398	1.398	0.760	6.638	ND	ND	6.638
	5-Mar-2003	NR	7.398	4.398	1.398	0.220	7.178	ND	ND	7.178
Alluvium	14-Apr-2003	11:04	7.398	4.398	1.398	1.689	5.709	ND	ND	5.709
	9-Dec-2003	12:35	7.398	4.398	1.398	1.140	6.258	ND	ND	6.258
Damplands	9-Jan-2004	8:32	7.398	4.398	1.398	1.440	5.958	ND	ND	5.958
	9-Feb-2004	10:13	7.398	4.398	1.398	1.675	5.723	ND	ND	5.723
	8-Mar-2004	8:41	7.398	4.398	1.398	1.860	5.538	ND	ND	5.538
	8-Apr-2004	8:11	7.398	4.398	1.398	2.050	5.348	ND	ND	5.348
	10-May-2004	10:42	7.398	4.398	1.398	1.979	5.419	ND	ND	5.419
	8-Jun-2004	10:50	7.398	4.398	1.398	1.550	5.848	ND	ND	5.848
	7-Jul-2004	9:40	7.398	4.398	1.398	1.150	6.248	ND	ND	6.248
	9-Aug-2004	9:04	7.398	4.398	1.398	0.990	6.408	ND	ND	6.408
	14-Sep-2004	NM	7.398	4.398	1.398	Under water	Under water	NM	NM	NA
	11-Oct-2004	NM	7.398	4.398	1.398	Under water	Under water	NM	NM	NA
	11-Nov-2004	NM	7.398	4.398	1.398	Under water	Under water	NM	NM	NA
	9-May-2005	15:53	7.398	4.398	1.398	1.735	5.663	ND	ND	5.663
	8-Jun-2005	9:38	7.398	4.398	1.398	1.130	6.268	ND	ND	6.268
	8-Jul-2005	8:40	7.398	4.398	1.398	0.615	6.783	ND	ND	6.783
	19-Aug-2005	9:47	7.398	4.398	1.398	0.575	6.823	ND	ND	6.823
	16-Sep-2005	7:55	7.398	4.398	1.398	0.605	6.793	ND	ND	6.793
	12-Dec-2006	13:15	7.398	4.398	1.398	1.540	5.858	ND	ND	5.858
	12-Jan-2007	07:08	7.398	4.398	1.398	1.745	5.653	ND	ND	5.653
	12-Feb-2007	08:46	7.398	4.398	1.398	2.050	5.348	ND	ND	5.348
	7-Apr-2008	11:00	7.398	4.398	1.398	1.390	6.008	ND	ND	6.008
	12-May-2008	14:15	7.398	4.398	1.398	1.790	5.608	ND	ND	5.608
WCB4	15-Oct-2002	NR	8.802	5.802	2.802	2.070	6.732	ND	ND	6.732
	5-Mar-2003	NR	8.802	5.802	2.802	2.235	6.567	ND	ND	6.567
Alluvium	14-Apr-2003	10:41	8.802	5.802	2.802	2.498	6.304	ND	ND	6.304
	9-Dec-2003	12:15	8.802	5.802	2.802	2.300	6.502	ND	ND	6.502
Damplands	9-Jan-2004	8:00	8.802	5.802	2.802	2.380	6.422	ND	ND	6.422
	9-Feb-2004	10:00	8.802	5.802	2.802	2.754	6.048	ND	ND	6.048
	8-Mar-2004	8:16	8.802	5.802	2.802	3.000	5.802	ND	ND	5.802
	8-Apr-2004	7:39	8.802	5.802	2.802	3.170	5.632	ND	ND	5.632
	10-May-2004	10:26	8.802	5.802	2.802	3.197	5.605	ND	ND	5.605
	8-Jun-2004	10:16	8.802	5.802	2.802	2.310	6.492	ND	ND	6.492
	7-Jul-2004	9:50	8.802	5.802	2.802	1.940	6.862	ND	ND	6.862
	9-Aug-2004	8:45	8.802	5.802	2.802	1.890	6.912	ND	ND	6.912
	14-Sep-2004	9:02	8.802	5.802	2.802	1.825	6.977	ND	ND	6.977
	11-Oct-2004	8:34	8.802	5.802	2.802	2.030	6.772	ND	ND	6.772
	11-Nov-2004	11:48	8.802	5.802	2.802	2.140	6.662	ND	ND	6.662
	9-May-2005	10:13	8.802	5.802	2.802	2.605	6.197	ND	ND	6.197
	8-Jun-2005	9:20	8.802	5.802	2.802	1.755	7.047	ND	ND	7.047
	8-Jul-2005	8:30	8.802	5.802	2.802	1.555	7.247	ND	ND	7.247
	19-Aug-2005	9:25	8.802	5.802	2.802	1.210	7.592	ND	ND	7.592
	16-Sep-2005	7:38	8.802	5.802	2.802	1.740	7.062	ND	ND	7.062
	24-Sep-2006	Bore Destroyed								

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
WCB5	15-Oct-2002	NR	8.591	7.591	4.591	2.070	6.521	ND	ND	6.521
	5-Mar-2003	NR	8.591	7.591	4.591	2.125	6.466	ND	ND	6.466
Alluvium	14-Apr-2003	10:35	8.591	7.591	4.591	2.482	6.109	ND	ND	6.109
	9-Dec-2003	12:01	8.591	7.591	4.591	2.280	6.311	ND	ND	6.311
Damplands	9-Jan-2004	7:48	8.591	7.591	4.591	2.340	6.251	ND	ND	6.251
	9-Feb-2004	9:55	8.591	7.591	4.591	2.585	6.006	ND	ND	6.006
	8-Mar-2004	8:09	8.591	7.591	4.591	2.812	5.779	ND	ND	5.779
	8-Apr-2004	7:30	8.591	7.591	4.591	2.969	5.622	ND	ND	5.622
	10-May-2004	10:22	8.591	7.591	4.591	2.989	5.602	ND	ND	5.602
	8-Jun-2004	10:13	8.591	7.591	4.591	2.193	6.398	ND	ND	6.398
	7-Jul-2004	10:00	8.591	7.591	4.591	1.841	6.750	ND	ND	6.750
	9-Aug-2004	8:40	8.591	7.591	4.591	1.871	6.720	ND	ND	6.720
	14-Sep-2004	8:59	8.591	7.591	4.591	1.850	6.741	ND	ND	6.741
	11-Oct-2004	8:32	8.591	7.591	4.591	2.042	6.549	ND	ND	6.549
	11-Nov-2004	11:46	8.591	7.591	4.591	2.153	6.438	ND	ND	6.438
	9-May-2005	10:07	8.591	7.591	4.591	2.520	6.071	ND	ND	6.071
	8-Jun-2005	9:10	8.591	7.591	4.591	1.605	6.986	ND	ND	6.986
	8-Jul-2005	8:14	8.591	7.591	4.591	1.450	7.141	ND	ND	7.141
	19-Aug-2005	9:15	8.591	7.591	4.591	1.085	7.506	ND	ND	7.506
	16-Sep-2005	7:30	8.591	7.591	4.591	1.730	6.861	ND	ND	6.861
	24-Sep-2006	Bore Destroyed								
WCB6	15-Oct-2002	NR	9.081	6.081	3.081	2.480	6.601	ND	ND	6.601
	5-Mar-2003	NR	9.081	6.081	3.081	2.685	6.396	ND	ND	6.396
Alluvium	14-Apr-2003	10:15	9.081	6.081	3.081	3.137	5.944	ND	ND	5.944
	9-Dec-2003	11:41	9.081	6.081	3.081	2.770	6.311	ND	ND	6.311
Damplands	9-Jan-2004	7:40	9.081	6.081	3.081	2.928	6.153	ND	ND	6.153
	9-Feb-2004	9:45	9.081	6.081	3.081	3.122	5.959	ND	ND	5.959
	8-Mar-2004	7:52	9.081	6.081	3.081	3.300	5.781	ND	ND	5.781
	8-Apr-2004	7:19	9.081	6.081	3.081	3.435	5.646	ND	ND	5.646
	10-May-2004	10:15	9.081	6.081	3.081	3.449	5.632	ND	ND	5.632
	8-Jun-2004	10:05	9.081	6.081	3.081	3.028	6.053	ND	ND	6.053
	7-Jul-2004	10:10	9.081	6.081	3.081	2.470	6.611	ND	ND	6.611
	9-Aug-2004	8:31	9.081	6.081	3.081	2.325	6.756	ND	ND	6.756
	14-Sep-2004	8:53	9.081	6.081	3.081	2.240	6.841	ND	ND	6.841
	11-Oct-2004	8:26	9.081	6.081	3.081	2.475	6.606	ND	ND	6.606
	11-Nov-2004	11:40	9.081	6.081	3.081	2.584	6.497	ND	ND	6.497
	9-May-2005	9:56	9.081	6.081	3.081	3.125	5.956	ND	ND	5.956
	8-Jun-2005	8:59	9.081	6.081	3.081	2.325	6.756	ND	ND	6.756
	8-Jul-2005	8:10	9.081	6.081	3.081	1.965	7.116	ND	ND	7.116
	19-Aug-2005	9:04	9.081	6.081	3.081	1.650	7.431	ND	ND	7.431
	16-Sep-2005	7:20	9.081	6.081	3.081	2.140	6.941	ND	ND	6.941
	12-Dec-2006	11:45	9.081	6.081	3.081	DRY	DRY	ND	ND	NA
	12-Jan-2007	06:53	9.081	6.081	3.081	DRY	DRY	ND	ND	NA
	12-Feb-2007	08:37	9.081	6.081	3.081	DRY	DRY	ND	ND	NA
	12-May-2008	Bore Destroyed								
WCB7	15-Oct-2002	NR	8.847	7.847	4.847	2.300	6.547	ND	ND	6.547
	5-Mar-2003	NR	8.847	7.847	4.847	2.380	6.467	ND	ND	6.467
Alluvium	14-Apr-2003	10:09	8.847	7.847	4.847	2.891	5.956	ND	ND	5.956
Damplands	9-Dec-2003	Bore Destroyed								
WCB8	15-Oct-2002	NR	7.522	4.522	3.522	0.970	6.552	ND	ND	6.552
	5-Mar-2003	NR	7.522	4.522	3.522	1.010	6.512	ND	ND	6.512
Alluvium	14-Apr-2003	11:17	7.522	4.522	3.522	1.561	5.961	ND	ND	5.961
	9-Dec-2003	12.49	7.522	4.522	3.522	1.530	5.992	ND	ND	5.992
Damplands	9-Jan-2004	8:45	7.522	4.522	3.522	2.110	5.412	ND	ND	5.412
	9-Feb-2004	10:21	7.522	4.522	3.522	1.518	6.004	ND	ND	6.004
	8-Mar-2004	8:50	7.522	4.522	3.522	1.681	5.841	ND	ND	5.841
	8-Apr-2004	8:18	7.522	4.522	3.522	1.870	5.652	ND	ND	5.652
	10-May-2004	10:47	7.522	4.522	3.522	1.684	5.838	ND	ND	5.838
	8-Jun-2004	10:40	7.522	4.522	3.522	0.450	7.072	ND	ND	7.072
	7-Jul-2004	NM	7.522	4.522	3.522	Under water	Under water	NM	NM	NA
	9-Aug-2004	NM	7.522	4.522	3.522	Under water	Under water	NM	NM	NA
	14-Sep-2004	NM	7.522	4.522	3.522	Under water	Under water	NM	NM	NA
	11-Oct-2004	NM	7.522	4.522	3.522	Under water	Under water	NM	NM	NA
	11-Nov-2004	NM	7.522	4.522	3.522	Under water	Under water	NM	NM	NA
	9-May-2005	10:40	7.522	4.522	3.522	0.640	6.882	ND	ND	6.882
	8-Jun-2005	NM	7.522	4.522	3.522	Under water	Under water	ND	ND	NA
	8-Jul-2005	NM	7.522	4.522	3.522	Under water	Under water	ND	ND	NA
	19-Aug-2005	NM	7.522	4.522	3.522	Under water	Under water	ND	ND	NA
	16-Sep-2005	NM	7.522	4.522	3.522	Under water	Under water	ND	ND	NA
	12-Dec-2006	12:14	7.522	4.522	3.522	1.050	6.472	ND	ND	6.472
	12-Jan-2007	7:01	7.522	4.522	3.522	1.375	6.147	ND	ND	6.147
	12-Feb-2007	9:02	7.522	4.522	3.522	1.695	5.827	ND	ND	5.827
	12-May-2008	14:03	7.522	4.522	3.522	0.910	6.612	ND	ND	6.612
WCB9	1-Nov-2001	NR	17.597	7.161	1.161	7.870	9.727	ND	ND	9.727
	15-Oct-2002	NR	17.597	7.161	1.161	7.840	9.757	ND	ND	9.757
Base of	5-Mar-2003	NR	17.597	7.161	1.161	8.150	9.447	ND	ND	9.447
Guildford	14-Apr-2003	12:30	17.597	7.161	1.161	9.017	8.580	ND	ND	8.580
	9-Dec-2003	9:25	17.597	7.161	1.161	7.630	9.967	ND	ND	9.967
Lot 2	9-Jan-2004	12:50	17.597	7.161	1.161	7.900	9.697	ND	ND	9.697
	9-Feb-2004	13:03	17.597	7.161	1.161	8.311	9.286	ND	ND	9.286
	8-Mar-2004	11:21	17.597	7.161	1.161	8.658	8.939	ND	ND	8.939
	8-Apr-2004	10:28	17.597	7.161	1.161	8.920	8.677	ND	ND	8.677
	10-May-2004	11:58	17.597	7.161	1.161	9.161	8.436	ND	ND	8.436
	8-Jun-2004	NR	17.597	7.161	1.161	DRY	DRY	ND	ND	NA
	7-Jul-2004	12:01	17.597	7.161	1.161	8.953	8.644	ND	ND	8.644
	9-Aug-2004	13:30	17.597	7.161	1.161	8.750	8.847	ND	ND	8.847
	14-Sep-2004	10:41	17.597	7.161	1.161	8.245	9.352	ND	ND	9.352
	11-Oct-2004	9:58	17.597	7.161	1.161	8.032	9.565	ND	ND	9.565
	11-Nov-2004	13:38	17.597	7.161	1.161	8.039	9.558	ND	ND	9.558
	9-May-2005	16:13	17.597	7.161	1.161	9.270	8.327	ND	ND	8.327
	8-Jun-2005	12:15	17.597	7.161	1.161	9.100	8.497	ND	ND	8.497
	8-Jul-2005	11:05	17.597	7.161	1.161	8.485	9.112	ND	ND	9.112
	19-Aug-2005	11:22	17.597	7.161	1.161	8.035	9.562	ND	ND	9.562
	16-Sep-2005	9:12	17.597	7.161	1.161	7.585	10.012	ND	ND	10.012
	12-Dec-2006	17:14	17.597	7.161	1.161	8.595	9.002	ND	ND	9.002
	12-Jan-2007	09:10	17.597	7.161	1.161	8.820	8.777	ND	ND	8.777
	12-Feb-2007	11:16	17.597	7.161	1.161	8.945	8.652	ND	ND	8.652
	12-May-2008	12:14	17.597	7.161	1.161	9.050	8.547	ND	ND	8.547
	24-Aug-2009	11:26	17.597	7.161	1.161	9.550	8.047	ND	ND	8.047

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
WCB11	15-Oct-2002	NR	20.094	15.503	12.503	4.800	15.294	ND	ND	15.294
	15-Oct-2002	NR	20.094	15.503	12.503	5.840	14.254	ND	ND	14.254
Shallow	5-Mar-2003	NR	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	14-Apr-2003	12:51	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
Lot 2	9-Dec-2003	10:15	20.094	15.503	12.503	6.110	13.984	ND	ND	13.984
	9-Jan-2004	12:12	20.094	15.503	12.503	6.389	13.705	ND	ND	13.705
	9-Feb-2004	13:25	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	8-Mar-2004	10:51	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	8-Apr-2004	9:47	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	10-May-2004	12:13	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	8-Jun-2004	NR	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	7-Jul-2004	NR	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	9-Aug-2004	13:05	20.094	15.503	12.503	6.640	13.454	ND	ND	13.454
	14-Sep-2004	11:02	20.094	15.503	12.503	6.102	13.992	ND	ND	13.992
	11-Oct-2004	10:12	20.094	15.503	12.503	6.145	13.949	ND	ND	13.949
	11-Nov-2004	13:52	20.094	15.503	12.503	6.352	13.742	ND	ND	13.742
	9-May-2005	16:39	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	8-Jun-2005	12:47	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
	8-Jul-2005	11:29	20.094	15.503	12.503	5.970	14.124	ND	ND	14.124
	19-Aug-2005	11:52	20.094	15.503	12.503	6.070	14.024	ND	ND	14.024
	16-Sep-2005	9:42	20.094	15.503	12.503	5.970	14.124	ND	ND	14.124
	12-May-2008	13:16	20.094	15.503	12.503	DRY	DRY	ND	ND	NA
WCB12	1-Nov-2001	NR	20.225	15.125	7.125	9.270	10.955	ND	ND	10.955
	15-Oct-2002	NR	20.225	15.125	7.125	10.590	9.635	ND	ND	9.635
Regional	5-Mar-2003	NR	20.225	15.125	7.125	8.700	11.525	ND	ND	11.525
	14-Apr-2003	11:53	20.225	15.125	7.125	11.117	9.108	ND	ND	9.108
Oliver St	9-Dec-2003	11:07	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	9-Jan-2004	8:54	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	9-Feb-2004	11:14	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	8-Mar-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	8-Apr-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	10-May-2004	11:08	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	8-Jun-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	7-Jul-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	9-Aug-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	14-Sep-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	11-Oct-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	11-Nov-2004	NR	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	9-May-2005	17:33	20.225	15.125	7.125	NM	DRY	ND	ND	NA
	8-Jun-2005	15:04	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	8-Jul-2005	14:10	20.225	15.125	7.125	6.560	13.665	ND	ND	13.665
	19-Aug-2005	14:58	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	16-Sep-2005	13:42	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	12-May-2008	10:30	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	24-Mar-2009	12:26	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
	24-Aug-2009	13:00	20.225	15.125	7.125	DRY	DRY	ND	ND	NA
WCB13	1-Nov-2001	NR	20.057	7.503	1.503	10.890	9.167	ND	ND	9.167
	15-Oct-2002	NR	20.057	7.503	1.503	10.850	9.207	ND	ND	9.207
Regional	5-Mar-2003	NR	20.057	7.503	1.503	11.620	8.437	ND	ND	8.437
	14-Apr-2003	12:49	20.057	7.503	1.503	11.880	8.177	ND	ND	8.177
Lot 2	9-Dec-2003	9:00	20.057	7.503	1.503	10.730	9.327	ND	ND	9.327
	9-Jan-2004	12:04	20.057	7.503	1.503	10.958	9.099	ND	ND	9.099
	9-Feb-2004	13:22	20.057	7.503	1.503	11.262	8.795	ND	ND	8.795
	8-Mar-2004	10:43	20.057	7.503	1.503	11.540	8.517	ND	ND	8.517
	8-Apr-2004	9:42	20.057	7.503	1.503	11.825	8.232	ND	ND	8.232
	10-May-2004	12:11	20.057	7.503	1.503	12.026	8.031	ND	ND	8.031
	8-Jun-2004	11:20	20.057	7.503	1.503	12.063	7.994	ND	ND	7.994
	7-Jul-2004	11:10	20.057	7.503	1.503	11.850	8.207	ND	ND	8.207
	9-Aug-2004	13:00	20.057	7.503	1.503	11.615	8.442	ND	ND	8.442
	14-Sep-2004	10:59	20.057	7.503	1.503	11.200	8.857	ND	ND	8.857
	11-Oct-2004	10:14	20.057	7.503	1.503	11.030	9.027	ND	ND	9.027
	11-Nov-2004	13:54	20.057	7.503	1.503	10.962	9.095	ND	ND	9.095
	9-May-2005	16:42	20.057	7.503	1.503	12.160	7.897	ND	ND	7.897
	8-Jun-2005	12:45	20.057	7.503	1.503	11.990	8.067	ND	ND	8.067
	8-Jul-2005	11:25	20.057	7.503	1.503	11.430	8.627	ND	ND	8.627
	19-Aug-2005	11:54	20.057	7.503	1.503	10.950	9.107	ND	ND	9.107
	16-Sep-2005	9:40	20.057	7.503	1.503	10.620	9.437	ND	ND	9.437
	30-Aug-2006	Bore Decommisioned								
WCT1 (*BoG*)	22-Apr-2000	NR	18.621	Unknown	0.849	9.225	9.396	NR	NR	9.396
	30-Aug-2006	Bore Decommisioned								
WCT2	22-Apr-2000	NR	18.420	Unknown	0.700	9.019	9.401	NR	NR	9.401
	1-Nov-2001	NR	18.019	Unknown	0.700	8.360	9.659	NR	NR	9.659
Base of	15-Oct-2002	NR	18.019	Unknown	0.700	8.280	9.739	NR	NR	9.739
Guildford	5-Mar-2003	NR	18.019	Unknown	0.700	NR	NR	NR	NR	NR
	14-Apr-2003	15:58	18.019	Unknown	0.700	9.466	8.553	ND	ND	8.553
Former Waste	9-Dec-2003	13:04	18.019	Unknown	0.700	8.230	9.789	ND	ND	9.789
Control Site	9-Jan-2004	15:42	18.019	Unknown	0.700	8.470	9.549	ND	ND	9.549
	9-Feb-2004	15:24	18.019	Unknown	0.700	8.771	9.248	ND	ND	9.248
	8-Mar-2004	13:20	18.019	Unknown	0.700	9.100	8.919	ND	ND	8.919
	8-Apr-2004	11:45	18.019	Unknown	0.700	9.375	8.644	ND	ND	8.644
	10-May-2004	13:39	18.019	Unknown	0.700	9.609	8.410	ND	ND	8.410
	8-Jun-2004	14:01	18.019	Unknown	0.700	9.680	8.339	ND	ND	8.339
	7-Jul-2004	14:20	18.019	Unknown	0.700	9.430	8.589	ND	ND	8.589
	9-Aug-2004	11:59	18.019	Unknown	0.700	9.210	8.809	ND	ND	8.809
	14-Sep-2004	13:17	18.019	Unknown	0.700	8.689	9.330	ND	ND	9.330
	11-Oct-2004	11:33	18.019	Unknown	0.700	8.508	9.511	ND	ND	9.511
	11-Nov-2004	15:03	18.019	Unknown	0.700	8.507	9.512	ND	ND	9.512
	9-May-2005	11:55	18.019	Unknown	0.700	9.745	8.274	ND	ND	8.274
	8-Jun-2005	13:11	18.019	Unknown	0.700	9.575	8.444	ND	ND	8.444
	8-Jul-2005	12:26	18.019	Unknown	0.700	8.950	9.069	ND	ND	9.069
	19-Aug-2005	12:58	18.019	Unknown	0.700	8.480	9.539	ND	ND	9.539
	16-Sep-2005	13:52	18.019	Unknown	0.700	8.025	9.994	ND	ND	9.994
	30-Aug-2006	Bore Decommisioned								

Table 8:
Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
WCT3	22-Apr-2000	NR	19.520	Unknown	1.797	10.421	9.099	NR	NR	9.099
	1-Nov-2001	NR	19.131	Unknown	1.797	9.720	9.411	9.640	0.080	9.411
Base of	15-Oct-2002	NR	19.131	Unknown	1.797	9.730	9.401	NR	NR	9.401
Guildford	5-Mar-2003	NR	19.131	Unknown	1.797	NR	NR	NR	NR	NR
	14-Apr-2003	14:03	19.131	Unknown	1.797	10.807	8.324	ND	ND	8.324
Former Waste	9-Dec-2003	15:10	19.131	Unknown	1.797	9.600	9.531	ND	ND	9.531
Control Site	9-Jan-2004	13:47	19.131	Unknown	1.797	9.840	9.291	ND	ND	9.291
	9-Feb-2004	14:25	19.131	Unknown	1.797	10.140	8.991	ND	ND	8.991
	8-Mar-2004	12:36	19.131	Unknown	1.797	10.450	8.681	ND	ND	8.681
	8-Apr-2004	11:33	19.131	Unknown	1.797	10.730	8.401	ND	ND	8.401
	10-May-2004	13:00	19.131	Unknown	1.797	10.957	8.174	ND	ND	8.174
	8-Jun-2004	13:22	19.131	Unknown	1.797	10.990	8.141	ND	ND	8.141
	7-Jul-2004	13:57	19.131	Unknown	1.797	10.770	8.361	ND	ND	8.361
	9-Aug-2004	11:22	19.131	Unknown	1.797	10.560	8.571	ND	ND	8.571
	14-Sep-2004	12:56	19.131	Unknown	1.797	10.078	9.053	ND	ND	9.053
	11-Oct-2004	10:35	19.131	Unknown	1.797	9.903	9.228	ND	ND	9.228
	11-Nov-2004	14:20	19.131	Unknown	1.797	9.888	9.243	ND	ND	9.243
	9-May-2005	14:00	19.131	Unknown	1.797	11.080	8.051	ND	ND	8.051
	8-Jun-2005	14:26	19.131	Unknown	1.797	10.915	8.216	ND	ND	8.216
	8-Jul-2005	12:36	19.131	Unknown	1.797	10.335	8.796	ND	ND	8.796
	19-Aug-2005	13:11	19.131	Unknown	1.797	9.850	9.281	ND	ND	9.281
	16-Sep-2005	14:03	19.131	Unknown	1.797	9.460	9.671	ND	ND	9.671
	30-Aug-2006	Bore Decommisioned								
NEIGHBOURHOOD BORES										
	19-Aug-2005	14:38	20.111	Unknown	Unknown	11.075	9.036	ND	ND	9.036
NB01 (A&P)	16-Sep-2005	13:25	20.111	Unknown	Unknown	10.820	9.291	ND	ND	9.291
	19-Aug-2005	15:30	17.141	Unknown	Unknown	NM	NM	NM	NM	NA
NB02 (Austral)	16-Sep-2005	12:50	17.141	Unknown	Unknown	8.600	8.541	NM	NM	8.541
NB03 (Vale)	16-Sep-2005	11:35	16.631	Unknown	Unknown	4.290	12.341	NM	NM	12.341
NB04 (Wyatt)	16-Sep-2005	12:15	NS	Unknown	Unknown	2.380	NM	NM	NM	NS
NB05 (RSL)	9-Sep-2005	12:00	19.246	Unknown	Unknown	3.426	15.820	NM	NM	15.820
STAFF GAUGES										
SG01 (Pond)	9-May-2005	15:45	8.688	NA	NA	DRY	DRY	NA	NA	NA
	8-Jun-2005	9:32	8.688	NA	NA	0.920	7.768	NA	NA	7.768
	8-Jul-2005	8:47	8.688	NA	NA	0.860	7.828	NA	NA	7.828
	19-Aug-2005	9:40	8.688	NA	NA	0.855	7.833	NA	NA	7.833
	16-Sep-2005	7:50	8.688	NA	NA	0.910	7.778	NA	NA	7.778
	12-Dec-2006	12:50	8.688	NA	NA	DRY	DRY	NA	NA	NA
	12-Jan-2007	07:12	8.688	NA	NA	DRY	DRY	NA	NA	NA
	12-Feb-2007	08:49	8.688	NA	NA	DRY	DRY	NA	NA	NA
	12-May-2008	14:39	8.688	NA	NA	DRY	DRY	NA	NA	NA
	24-Mar-2009		8.688	NA	NA	DRY	DRY	NA	NA	NA
	24-Aug-2009	17:36	8.688	NA	NA	0.905	7.783	NA	NA	7.783
SG02 (Pond)	9-May-2005	15:56	7.978	NA	NA	1.050	6.928	NA	NA	6.928
	8-Jun-2005	9:52	7.978	NA	NA	0.205	7.773	NA	NA	7.773
	8-Jul-2005	9:02	7.978	NA	NA	0.145	7.833	NA	NA	7.833
	19-Aug-2005	10:00	7.978	NA	NA	0.135	7.843	NA	NA	7.843
	16-Sep-2005	8:04	7.978	NA	NA	0.195	7.783	NA	NA	7.783
	12-Dec-2006	12:40	7.978	NA	NA	DRY	DRY	NA	NA	N/A
	12-Jan-2007	12:41	7.978	NA	NA	DRY	DRY	NA	NA	N/A
	12-Feb-2007	08:51	7.978	NA	NA	DRY	DRY	NA	NA	NA
	12-May-2008	14:32	7.978	NA	NA	1.320	6.658	NA	NA	NA
	24-Mar-2009		7.978	NA	NA	DRY	DRY	NA	NA	NA
	24-Aug-2009	16:50	7.978	NA	NA	stake+13cm	DRY	NA	NA	NA
SG03 (Pond)	9-May-2005	15:58	7.886	NA	NA	0.960	6.926	NA	NA	6.926
	8-Jun-2005	10:00	7.886	NA	NA	0.120	7.766	NA	NA	7.766
	8-Jul-2005	9:10	7.886	NA	NA	0.055	7.831	NA	NA	7.831
	19-Aug-2005	10:05	7.886	NA	NA	0.050	7.836	NA	NA	7.836
	16-Sep-2005	8:08	7.886	NA	NA	0.105	7.781	NA	NA	7.781
	12-Dec-2005	12:20	7.886	NA	NA	DRY	DRY	NA	NA	N/A
	12-Jan-2007	07:03	7.886	NA	NA	DRY	DRY	NA	NA	N/A
	12-Feb-2007	08:52	7.886	NA	NA	DRY	DRY	NA	NA	NA
	15-Oct-2008	11:20	7.886	NA	NA	0.595	7.291	NA	NA	7.291
	24-Mar-2009		7.886	NA	NA	DRY	DRY	NA	NA	NA
	24-Aug-2009	16:49	7.886	NA	NA	stake +7cm				
	28-Jul-2010	14:47	7.886	NA	NA	1.005	6.881	NA	NA	6.881
SG04 (River)	9-May-2005	17:50	7.528	NA	NA	1.500	6.028	NA	NA	6.028
	8-Jun-2005	11:07	7.528	NA	NA	0.980	6.548	NA	NA	6.548
Downstream	8-Jul-2005	10:35	7.528	NA	NA	0.910	6.618	NA	NA	6.618
	19-Aug-2005	10:55	7.528	NA	NA	Destroyed	Destroyed	NA	NA	NA
	12-May-2008	15:00	7.528			Star picket bent				
	24-Mar-2009		7.528	NA	NA	DRY	DRY	NA	NA	NA
	28-Jul-2010	14:50	7.528	NA	NA	0.490	7.038	NA	NA	7.038
SG05 (River)	9-May-2005	17:45	12.261	NA	NA	6.230	6.031	NA	NA	6.031
	8-Jun-2005	11:15	12.261	NA	NA	5.730	6.531	NA	NA	6.531
Downstream	8-Jul-2005	10:40	12.261	NA	NA	5.680	6.581	NA	NA	6.581
	19-Aug-2005	11:00	12.261	NA	NA	5.360	6.901	NA	NA	6.901
	16-Sep-2005	9:00	12.261	NA	NA	5.890	6.371	NA	NA	6.371
	12-Dec-2006	18:50	12.261	NA	NA	5.275	6.986	NA	NA	6.986
	12-Jan-2007	06:25	12.261	NA	NA	5.310	6.951	NA	NA	6.951
	12-Feb-2007	08:25	12.261	NA	NA	5.560	6.701	NA	NA	6.701
	15-Oct-2008	8:20	12.261	NA	NA	4.940	7.321	NA	NA	7.321
	24-Mar-2009		12.261	NA	NA	DRY	DRY	NA	NA	NA
	24-Aug-2009	7:55	12.261	NA	NA	5.330	6.931	NA	NA	6.931
	21-Sep-2009	12:00	12.261	NA	NA	5.430	6.831	NA	NA	6.831
	28-Jul-2010	14:55	12.261	NA	NA	5.835	6.426	NA	NA	6.426
	7-Jul-2011	12:02	12.261	NA	NA	5.780	6.481	NA	NA	6.481
	20-Jun-2012	16:10	12.261	NA	NA	5.920	6.341	NA	NA	6.341
SG06 (River)	9-May-2005	16:05	7.067	NA	NA	1.030	6.037	NA	NA	6.037
	8-Jun-2005	9:07	7.067	NA	NA	0.150	6.917	NA	NA	6.917
Mid	8-Jul-2005	8:16	7.067	NA	NA	0.080	6.987	NA	NA	6.987
	19-Aug-2005	9:16	7.067	NA	NA	Under water	Under water	NA	NA	NA
	16-Sep-2005	7:33	7.067	NA	NA	0.365	6.702	NA	NA	6.702
	12-Dec-2006	12:02	7.067	NA	NA	0.850	6.217	NA	NA	6.217
	12-Jan-2007	06:35	7.067	NA	NA	1.120	5.947	NA	NA	5.947
	12-Feb-2007	08:32	7.067	NA	NA	1.460	5.607	NA	NA	5.607
	15-Oct-2008	9:23	7.067	NA	NA	0.530	6.537	NA	NA	6.537
	24-Mar-2009		7.067	NA	NA	DRY	DRY	NA	NA	NA
	24-Aug-2009	16:22	7.067	NA	NA	stake+10cm		NA	NA	
	21-Sep-2009	11:17	7.067	NA	NA	0.010	7.057	NA	NA	7.057
	28-Jul-2010	11:58	7.067	NA	NA	0.495	6.572	NA	NA	6.572
	7-Jul-2011	13:01	7.067	NA	NA	0.460	6.607	NA	NA	6.607
	20-Jun-2012	17:10	7.067	NA	NA	0.450	6.617	NA	NA	6.617

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Water Level Data, 2000-2012
Former Waste Control Site, Bellevue

Well/Aquifer/ Location	Date Measured	Time Measured	Top of Casing Elevation (m AHD)	Top of Screen Elevation (m AHD)	Bottom of Screen Elevation (m AHD)	Depth to Water (m)	Water Level (m AHD)	Depth to PSH (m)	PSH Thickness (m)	Groundwater Elevation (m AHD)
SG07 (River)	9-May-2005	16:03	7.794	NA	NA	1.530	6.264	NA	NA	6.264
	8-Jun-2005	9:16	7.794	NA	NA	0.715	7.079	NA	NA	7.079
Upstream	8-Jul-2005	8:24	7.794	NA	NA	0.650	7.144	NA	NA	7.144
	19-Aug-2005	9:30	7.794	NA	NA	0.290	7.504	NA	NA	7.504
	16-Sep-2005	7:42	7.794	NA	NA	0.840	6.954	NA	NA	6.954
	12-Dec-2006	19:00	7.794	NA	NA	1.290	6.504	NA	NA	6.504
	12-Jan-2007	6:42	7.794	NA	NA	1.540	6.254	NA	NA	6.254
	12-Feb-2007	8:35	7.794	NA	NA	DRY	DRY	NA	NA	NA
	12-May-2008	14:47	7.794	NA	NA	DRY	DRY	NA	NA	NA
	15-Oct-08	10:05	7.794	NA	NA	1.025	DRY	NA	NA	6.769
	24-Mar-2009		7.794	NA	NA	DRY	DRY	NA	NA	NA
	24-Aug-2009	16:21	7.794	NA	NA	0.455	7.339	NA	NA	7.339
	21-Sep-2009	10:40	7.794	NA	NA	0.595	7.199	NA	NA	7.199
	28-Jul-2010	11:02	7.794	NA	NA	1.005	6.789	NA	NA	6.789
	7-Jul-2011	14:16	7.794	NA	NA	0.945	6.849	NA	NA	6.849
	20-Jun-2012	17:15	7.794	NA	NA	0.985	6.809	NA	NA	6.809
SG08	28-Jul-2010		8.661	NA	NA	DRY	DRY	NA	NA	DRY
	5-Nov-2010		8.661	NA	NA	DRY	DRY	NA	NA	DRY
SG09	28-Jul-2010		8.566	NA	NA	DRY	DRY	NA	NA	DRY
	5-Nov-2010		8.566	NA	NA	DRY	DRY	NA	NA	DRY
SG10	28-Jul-2010		8.412	NA	NA	DRY	DRY	NA	NA	DRY
	5-Nov-2010		8.412	NA	NA	DRY	DRY	NA	NA	DRY
SG11	28-Jul-2010		8.268	NA	NA	1.035	7.233	NA	NA	7.233
	5-Nov-2010		8.268	NA	NA	DRY	DRY	NA	NA	DRY
SG12	28-Jul-2010		8.283	NA	NA	1.115	7.168	NA	NA	7.168
	5-Nov-2010		8.283	NA	NA	DRY	DRY	NA	NA	DRY
SG13	28-Jul-2010		8.396	NA	NA	1.050	7.346	NA	NA	7.346
	5-Nov-2010		8.396	NA	NA	DRY	DRY	NA	NA	DRY

ND: Not detected
NA: Not applicable
NR: Not recorded
NM: Not measured
NS: Not surveyed (perched water)
BoG: Base of Guidlford
Groundwater elevations take into account the presence of NAPL, where detected, using NAPL density = 0.81 g/mL
* denotes water levels taken just after installation

Table 9A:
Vertical Hydraulic Gradients: Regional Watertable - Base of Guildford Formation (2000-2010)

Regional Water Table to Base of Guildford																
Well Pairs	Groundwater Level (m AHD)															Gradient Trend
	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Dec-06	Jan-07	Feb-07	Mar-08	May-08	Mar-09	Aug-09	May-10	Jun-11	Jun-12	
MW22i	8.180	8.340	8.950	9.440	9.880	8.880	8.675	8.415	8.295	8.255	8.607	8.710	8.090	7.655	8.445	
MW25	8.180	8.330	8.920	9.420	9.840	8.858	8.653	8.413	8.333	8.243	8.565	8.683	8.083	7.653	8.428	
Vertical Gradient	***0.000***	***-0.001***	***-0.004***	***-0.003***	***-0.006***	***-0.003***	***-0.003***	***0.000***	***0.005***	***-0.002***	***-0.006***	***-0.004***	***-0.001***	***0.000***	***-0.002***	***-***
MWG59						8.251	8.061	7.806		7.731	7.771	8.331				
MWG58						8.262	8.082	7.827		7.747	7.947	8.352				
Vertical Gradient						***0.002***	***0.003***	***0.003***		***0.003***	***0.029***	***0.003***				
MWG49				8.757	8.987	8.047	7.857	7.597			7.707	8.287	7.457	7.957	7.887	
MWG48				8.749	8.976	8.039	7.849	7.589			7.549	8.279	7.419	7.069	7.769	
Vertical Gradient				***-0.001***	***-0.001***	***-0.001***	***-0.001***	***-0.001***			***-0.001***	***-0.001***	***-0.004***	***-0.098***	***-0.013***	***weakly downward***
MWG51				9.035	9.470	8.535	8.375	8.130		7.975	9.300	8.435		7.425	8.175	
MWG50				9.039	9.469	8.529	8.364	8.119		7.979	9.274	8.439		7.424	8.154	
Vertical Gradient						***-0.001***	***-0.002***	***-0.002***		***0.001***	***-0.004***	***0.001***		***0.000***	***-0.003***	***-***
MWG57						8.019	7.824	7.569		7.499	7.643	8.229				
MWG55						8.007	7.807	7.547		7.527	7.527	8.262				
Vertical Gradient						***-0.002***	***-0.003***	***-0.004***		***0.005***	***-0.166***	***0.006***				
MWG70									7.712	7.617	7.807	7.277	8.457	7.087	7.797	
MWG69									7.707	7.607	7.697	8.277	8.452	7.087	7.787	
Vertical Gradient									***-0.001***	***-0.002***	***-0.018***	***0.165***	***-0.001***	***0.000***	***-0.002***	***-***
MWG72									7.899	7.749	7.989	8.314				
MWG71									7.905	7.755	8.005	8.330				
Vertical Gradient									***0.001***	***0.001***	***0.003***	***0.003***				
MWG81									8.144	7.944	8.254	7.277				
MWG80									8.129	7.929	8.224	8.277				
Vertical Gradient									***-0.002***	***-0.002***	***-0.004***	***-0.022***				
MWG84									8.040	7.880	8.140	8.409				
MWG83									8.023	7.863	8.128	8.399				
Vertical Gradient									***-0.003***	***-0.003***	***-0.002***	***0.000***				
MWG91A												8.385	7.405	7.045	7.745	
MWG91C												8.383	7.391	7.031	7.721	
Vertical Gradient												***0.000***	***-0.003***	***-0.002***	***-0.004***	***-***

Table 9B:
Vertical Hydraulic Gradients: Base of Guildford Formation - Leederville Formation (2000-2011)

Base of Guildford to Leederville																						
Well Pairs	Vertical Hydraulic Gradient Calculation Parameters						Groundwater Level (m AHD)															Gradient Trend
	ts1	bs1	d1	ts2	bs2	d2	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Dec-06	Jan-07	Feb-07	Mar-08	May-08	Mar-09	Aug-09	May-10	Jun-11	Jun-12	
MWG46	4.920	1.920	3.42				8.920	9.170	9.870	10.310	11.040	9.656	9.401	9.141		9.071	9.308	9.681	8.841	8.321	9.191	
MWG45				-2.580	-5.580	-4.08	8.920	9.150	9.860	10.300	10.750	9.654	9.409	9.144		9.074	9.074	9.699	8.834	8.314	9.194	
Vertical Gradient							***0.000***	***-0.003***	***-0.001***	***-0.001***	***-0.039***	***0.000***	***0.001***	***0.000***		***0.000***	***-0.010***	***0.002***	***-0.001***	***-0.001***	***0.000***	-
MWG48	1.849	-1.151	0.349						8.589	8.749	8.976	8.039	7.849	7.589		7.549	7.697	8.279	7.419	7.068	7.769	
MWG47				-7.487	-10.487	-8.987			8.498	8.833	9.013	8.058	7.853	7.583		7.613	7.683	8.393	7.403	7.068	7.758	
Vertical Gradient									***-0.010***	***0.009***	***-0.004***	***0.002***	***0.000***	***-0.001***		***0.007***	***-0.001***	***0.012***	***-0.002***	***0.000***	***-0.001***	-
MWG75	1.212	-0.288	0.462												7.282	7.312	7.334	8.182				
MWG76				-2.365	-3.865	-3.115									6.825	7.015	6.880	8.065				
Vertical Gradient															***-0.128***	***-0.083***	***-0.127***	***-0.033***				

Table 9C:
Vertical Hydraulic Gradients: Standing Water - Alluvium (2000-2011)

Standing Water to Alluvium																
Well Pairs	Groundwater Level (m AHD)															Gradient Trend
	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Dec-06	Jan-07	Feb-07	Mar-08	May-08	Mar-09	Aug-09	May-10	Jun-11	Jun-12	
SG06	6.040	6.920	6.990	NA	6.700											
WCB05	6.070	6.990	7.140	7.510	6.860											
Vertical Gradient	***0.174***	***0.406***	***0.870***		***0.928***											
SG06	6.037	6.917	6.987	NA	6.702	6.217	5.947	5.607		5.827	-	7.057	6.789	6.607	6.617	
MW36	6.425	7.015	7.535	7.790	7.565	6.670	6.465	6.130		6.405	5.945	7.66	6.135	5.875	6.945	
Vertical Gradient	***0.034***	***0.009***	***0.048***		***0.076***	***0.040***	***0.046***	***0.046***		***0.051***		***0.053***	***-0.058***	***-0.064***	***0.029***	***moderate upwardward***
SG07	6.264	7.079	7.144	7.504	6.954											
WCB04	6.197	7.047	7.247	7.592	7.062											
Vertical Gradient	***-0.026***	***-0.012***	***0.040***	***0.034***	***0.042***											
SG02	6.930	7.770	7.830	7.840	7.780					6.658	-					
WCB02	6.570	7.160	7.720	7.960	7.750					6.541	6.231					
Vertical Gradient	***-0.054***	***-0.091***	***-0.016***	***0.018***	***-0.004***					***-0.018***						
SG03	6.926									6.626						
WCB08	6.882									6.612						
Vertical Gradient	***-0.016***									***-0.005***						

Table 10 - 2012 Field Water Quality

Well number	Eh (mV)	Temp (°C)	pH (units)	Conductivity (µS/cm)	Dissolved O_2 (mg/L)	Colour	Sheen	Odour	flow rate (mL/min)	water level (m btoc)	Pump type
MW21i	-65	17.8	6.57	1196	2.2	-	N	Y (chemical)	60	10.985	Submersible
MW22i	-90	17.9	7.05	2470	2.41	grey with black suspended sediment	-	Y (strong chemical)	100	11.070	Submersible
MW23i	-81	21.3	6.54	1081	1.86	-	N	Y (moderate chemical)	200	11.920	Submersible
MW25	161	19.5	5.9	772	3.91	yellow, turbid	N	N	200	10.380	Submersible
MW36	31	18.7	5.92	1208	0.24	yellow, orange suspended sediment	N	N	240	2.302	Peristaltic
MW42	124	20.6	6.05	1128	3.21	-	N	N	240	12.580	Submersible
MW45	24	21.7	6.2	2780	1.46	yellow, clearning	N	N	220	7.135	Submersible
MW46	79	22.7	6.34	422	1.66	-	-	-	280	7.130	Submersible
MWG47	35	19.5	6.3	2033	1.77	-	N	Slight Organic	50	12.055	Submersible
MWG48	142	20.4	5.98	1166	2.22	-	N	N	120	12.100	Submersible
MWG49	130	20.4	5.74	1027	0.52	light brown	-	N	120	12.125	Submersible
MWG54	131	19.2	6.65	486	3.77	-	N	N	150	10.900	Submersible
MWG57	204	19.5	5.22	725	3.38	-	N	N	180	11.580	Submersible
MWG59	176	21	5.27	1075	1.26	-	N	N	120	12.040	Submersible
MWG60	-15	18.7	6.14	1790	0.21	black suspended sediment	N	Y (slight organic)	240	1.390	Peristaltic
MWG62	116	18.7	5.13	525	2.83	-	-	N	160	7.270	Submersible
MWG63	204	19.9	5.14	529	1.63	-	N	N	280	8.215	Submersible
MWG64	29	21.5	6.03	1574	0.44	-	N	Y(slight chemical)	150	11.080	Submersible
MWG65	144	21.1	5.99	925	4.3	-	N	N	100	12.055	Submersible
MWG66	-81	19.6	5.78	698	0.14	-	N	Y (sulfur)	250	1.965	Peristaltic
MWG68	-66	19.4	5.66	619	0.17	-	N	N	240	1.832	Peristaltic
MWG69	160	21.0	5.84	637	1.57	-	N	N	240	12.140	Submersible
MWG70	174	20.8	5.33	691	2.61	-	-	N	250	12.215	Submersible
MWG91A	151	20.3	5.89	840	1.79	-	N	N	120	11.740	Submersible
MWG91B	176	18	6.42	1005	6.11	sediment in line	N	N	40	11.762	Submersible
MWG91C	185	20.9	6.05	832	4.95	sediment in water	-	N		11.680	Submersible
SG05	123	13.5	7.02	667	4.47	-	N	N	280	5.920	Peristaltic
SG06	84	11.1	6.79	626	4.8	-	N	N	300	0.450	Peristaltic
SG07	96	11.7	6.68	622	4.92	-	N	N	240	0.985	Peristaltic

TABLE 11 - Calibration Check

Date	Equipment Number	pH Calibration Check		Conductivity Calibration Check (mS/cm)
		pH 4 Solution	pH 7 Solution	2.76mS/cm Solution
Golder acceptable range		3.7 to 4.3	6.7 to 7.3	2.48 to 3.04
12/06/2012 AM	90FLMV V6457	4.17	7.01	2.64
12/06/2012 PM	90FLMV V6457	4.13	7.09	2.64
13/06/2012 AM	90FLMV V6457	4.00	7.00	2.65
13/06/2012 PM	90FLMV V6457	4.11	7.06	2.65
14/06/2012 AM	90FLMV V6457	3.98	6.98	2.76
14/06/2012 PM	90FLMV V6457	4.22	7.15	2.71
18/06/2012 AM	90FLMV V6457	4.00	7.01	2.74
18/06/2012 PM	90FLMV V6457	4.32	7.20	2.70
19/06/2012 AM	90FLMV V6457	3.99	7.00	2.70
19/06/2012 PM	90FLMV V6457	4.19	7.12	2.70
20/06/2012 AM	90FLMV V6457	3.97	6.99	2.75
20/06/2012 PM	90FLMV V6457	4.06	7.03	2.71
20/06/2012 AM	90FLMV V4866	4.01	6.95	2.78
20/06/2012 PM	90FLMV V4866	4.17	7.11	2.76
21/06/2012 AM	90FLMV V4866	3.96	6.99	2.77
21/06/2012 PM	90FLMV V4866	4.40	7.25	2.71
04/07/2012 AM	90FLMV V4866	4.03	6.97	2.72
04/07/2012 PM	90FLMV V4866	4.09	6.99	2.70

TABLE 12: Blank Results

			SDG	M121183	M121159	M121176	M121183	M121214	M121225	M121241	M121159	M121176	M121183	M121214	M121225	M121241	M121355	EP1204883	EP1204978
			Field_ID	Q8148-04	8146-02	8147-05	Q8148-06	8149-04	Q8145-04	Q9501-04	8146-04	8147-06	Q8148-03	8149-02	Q8145-07	Q9501-07	Q9514-02	Q8150 - 02	Q9503-03
			Sampled_Date-Time	14/06/2012	17/06/2012	13/06/2012	14/06/2012	18/06/2012	19/06/2012	20/06/2012	17/06/2012	13/06/2012	14/06/2012	18/06/2012	19/06/2012	20/06/2012	4/07/2012	19/06/2012	21/06/2012
			Sample_Type	Field_B	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Chem_Group	**ChemName**	**Units**	**EQL**																
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2,4-Trichlorobenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dichlorobenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,3-Dichlorobenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,4-Dichlorobenzene	mg/l	0.0003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	2-Chlorotoluene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	4-Chlorotoluene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Bromobenzene	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Chlorobenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Heavy Metals	Aluminium	mg/l	0.001							**0.013**									
	Aluminium (Filtered)	mg/l	0.001	**0.001**															
	Arsenic	mg/l	0.0005							<0.0005									
	Arsenic (Filtered)	mg/l	0.0005	<0.0005															
	Cadmium	mg/l	0.0001							<0.0002									
	Cadmium (Filtered)	mg/l	0.0002	<0.0002															
	Chromium	mg/l	0.001							<0.001									
	Chromium (Filtered)	mg/l	0.001	<0.001															
	Iron (ferric)	mg/l	0.05																
	Iron (ferrous)	mg/l	0.05																
	Iron	mg/l	0.001							**0.009**									
	Iron (Filtered)	mg/l	0.001	**0.003**															
	Lead	mg/l	0.001							<0.001									
	Lead (Filtered)	mg/l	0.001	<0.001															
	Manganese	mg/l	0.001							<0.001									
	Manganese (Filtered)	mg/l	0.001	<0.001															
	Mercury	mg/l	0.00005							<0.00005									
	Mercury (Filtered)	mg/l	0.00005	<0.00005															
	Nickel	mg/l	0.001							<0.001									
	Nickel (Filtered)	mg/l	0.001	<0.001															
	Zinc	mg/l	0.001							**0.019**									
	Zinc (Filtered)	mg/l	0.001	**0.002**															
MAH	1,2,4-trimethylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,3,5-Trimethylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Benzene	mg/L	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Ethylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Isopropylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	n-Butylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	n-Propylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	p-Isopropyltoluene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	sec-Butylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Styrene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	tert-Butylbenzene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Toluene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Xylenes (m & p)	mg/l	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Xylene (o)	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
	Xylenes (Sum of total)	mg/l	0.002															<0.002	
	Total BTEX	mg/l	0.001															<0.001	
PAH	Naphthalene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.007	<0.007
Sample Quality Parameters	Nitrate (as N)	mg/l	0.005	<0.01															
Solvents	Methyl Ethyl Ketone	mg/l	0.01															<0.05	<0.05
	2-Hexanone	mg/l	0.005															<0.05	<0.05
	4-Methyl-2-pentanone	mg/l	0.005															<0.05	<0.05
	Acetone	mg/l	0.01																
	Acrylonitrile	mg/l	0.0005																
	Methyl-t-butyl ether	mg/l	0.002																
	Vinyl acetate	mg/l	0.01															<0.05	<0.05
Total Petroleum Hydrocarbons	Total C6-C36	mg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05									
	TPH C 6 - C 9 Fraction	mg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.01**	<0.01	<0.01	<0.01	<0.01	<0.02	
	TPH C10 - C14 Fraction	mg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01									
	TPH C15 - C28 Fraction	mg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05									
	TPH C29-C36 Fraction	mg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05									
	TPH+C10 - C36 (Sum of total) (Lab Reported)	mg/l	0.05																
	TPH+C10 - C40 (Sum of total) (Lab Reported)	mg/l	0.1																
	C6 - C10 Fraction	mg/l	0.02															<0.02	
	C6 - C10 Fraction minus BTEX (F1)	mg/l	0.02															<0.02	
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2,2-Tetrachloroethane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2,2-Tetrabromoethane	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	1,1,1-Trichloroethane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2-Trichloroethane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1,2-Tribromoethane	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	1,1,2-Tribromoethene	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	1,2,3-Trichloropropane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dibromo-3-chloropropane	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dibromoethane	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,2-Dibromoethene	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	trans-1,2-Dibromoethene	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									

Created by: KC
Checked by:HT

TABLE 12: Blank Results

			SDG	M121183	M121159	M121176	M121183	M121214	M121225	M121241	M121159	M121176	M121183	M121214	M121225	M121241	M121355	EP1204883	EP1204978
			Field_ID	Q8148-04	8146-02	8147-05	Q8148-06	8149-04	Q8145-04	Q9501-04	8146-04	8147-06	Q8148-03	8149-02	Q8145-07	Q9501-07	Q9514-02	Q8150 - 02	Q9503-03
			Sampled_Date-Time	14/06/2012	17/06/2012	13/06/2012	14/06/2012	18/06/2012	19/06/2012	20/06/2012	17/06/2012	13/06/2012	14/06/2012	18/06/2012	19/06/2012	20/06/2012	4/07/2012	19/06/2012	21/06/2012
			Sample_Type	Field_B	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B	Trip_B
Chem_Group	**ChemName**	**Units**	**EQL**																
	cis- & trans-1,2-Dibromoethene	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	1,1-Dichloroethane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dichloroethane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1-Dichloroethene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,2-Dichloroethene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	trans-1,2-dichloroethene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,2-Dichloropropane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,3-Dichloropropane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	2,2-Dichloropropane	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	1,1-Dichloropropene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,3-Dichloropropene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	trans-1,3-dichloropropene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	cis-1,4-Dichloro-2-butene	mg/l	0.001															<0.005	<0.005
	trans-1,4-Dichloro-2-butene	mg/l	0.001															<0.005	<0.005
	Allyl chloride	mg/l	0.0005																
	Bromochloromethane	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
	Bromodichloromethane	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Bromoethane	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	Bromoethyne	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	Bromoform	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Bromomethane	mg/l	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Carbon disulfide	mg/l	0.0005															<0.005	<0.005
	Carbon tetrachloride	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Chlorodibromomethane	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Chloroethane	mg/l	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Chloroform	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Chloromethane	mg/l	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Dibromomethane	mg/l	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Dichlorodifluoromethane	mg/l	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Dichloromethane	mg/l	0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	Hexachlorobutadiene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Iodomethane	mg/l	0.005															<0.005	<0.005
	Pentachloroethane	mg/l	0.005															<0.005	<0.005
	Trichloroethene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Tetrabromoethane	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	Tetrabromoethene	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	Tetrachloroethene	mg/l	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
	Trichlorofluoromethane	mg/l	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05
	Vinyl bromide (bromoethene)	mg/l	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001									
	Vinyl chloride	mg/l	0.0003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.05

TABLE 13 - RPD Results

Golder Associates

Greater than 50% RPD
Greater than 50% RPD but difference between results is <10x LOR
Greater than 50% RPD but due to differences in LORs between laboratories

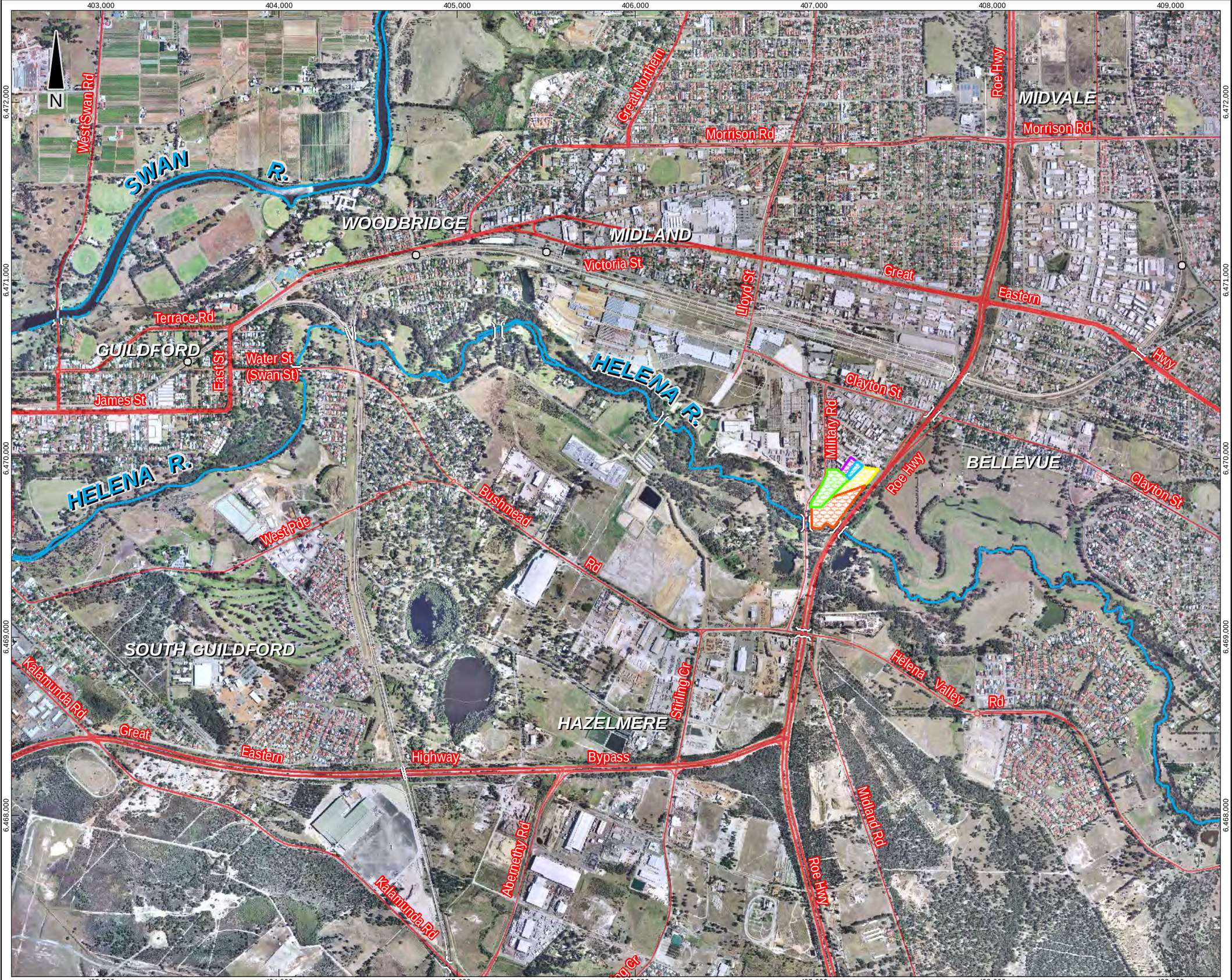
		SDG	M121225	M121225		M121241	M121241		M121248	M121248	
		Field_ID	Q8145-01	Q8145-02	**RPD**	Q9501-01	Q9501-02	**RPD**	Q9502-01	Q9502-02	**RPD**
			MW42	MWG42		MW22i	MW22i		SG06	SG06	
		Sampled_Date-Time	19/06/2012	19/06/2012		20/06/2012	20/06/2012		21/06/2012	21/06/2012	
Chem_Group	**ChemName**	**Units**	**LOR**										
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,2,4-Trichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,2-Dichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.004	0.004	<50	<0.001	<0.001	<50
	1,3-Dichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,4-Dichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	2-Chlorotoluene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	4-Chlorotoluene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Bromobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Bromobenzene	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Chlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.009	0.008	12	<0.001	<0.001	<50
Heavy Metals	Aluminium	mg/l	0.001 : 0.01 (Interlab)							0.5	0.53	6
	Aluminium (Filtered)	mg/l	0.001				0.005	0.005	0			
	Arsenic	mg/l	0.0005 : 0.001 (Interlab)							<0.0005	<0.0005	<50
	Arsenic (Filtered)	mg/l	0.0005				0.017	0.019	11			
	Cadmium	mg/l	0.0002 : 0.0001 (Interlab)							<0.0002	<0.0002	<50
	Cadmium (Filtered)	mg/l	0.0002				<0.0002	<0.0002	<50			
	Chromium	mg/l	0.001							**<0.001**	**0.001**	**67**
	Chromium (Filtered)	mg/l	0.001				<0.001	<0.001	<50			
	Iron	mg/l	0.001 : 0.05 (Interlab)							0.8	0.81	1
	Iron (Filtered)	mg/l	0.001				7.7	8.1	5			
	Lead	mg/l	0.001							0.001	0.001	0
	Lead (Filtered)	mg/l	0.001				<0.001	<0.001	<50			
	Manganese	mg/l	0.001							0.083	0.079	5
	Manganese (Filtered)	mg/l	0.001				0.094	0.099	5			
	Mercury	mg/l	5e-005 : 0.0001 (Interlab)							<0.00005	<0.00005	<50
	Mercury (Filtered)	mg/l	5e-005				<0.00005	<0.00005	<50			
	Nickel	mg/l	0.001							**<0.001**	**0.001**	**67**
	Nickel (Filtered)	mg/l	0.001				0.006	0.007	15			
	Zinc	mg/l	0.001 : 0.005 (Interlab)							0.011	0.008	32
	Zinc (Filtered)	mg/l	0.001				**0.009**	**0.005**	**57**			
MAH	1,2,4-trimethylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.21	0.18	15	<0.001	<0.001	<50
	1,3,5-Trimethylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.074	0.066	11	<0.001	<0.001	<50
	Benzene	mg/l	0.001	<0.001	<0.001	<50	0.016	0.015	6	<0.001	<0.001	<50
	Ethylbenzene	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.001	<50	0.89	0.88	1	<0.001	<0.001	<50
	Isopropylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.023	0.021	9	<0.001	<0.001	<50
	n-Butylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.004	0.004	0	<0.001	<0.001	<50
	n-Propylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.041	0.036	13	<0.001	<0.001	<50
	p-Isopropyltoluene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.037	0.033	11	<0.001	<0.001	<50
	sec-Butylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.002	0.002	0	<0.001	<0.001	<50
	Styrene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.004	0.004	0	<0.001	<0.001	<50
	tert-Butylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Toluene	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.001	<50	0.019	0.018	5	<0.001	<0.001	<50
	Xylenes (m & p)	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.001	<50	0.43	0.42	2	<0.001	<0.001	<50
	Xylene (o)	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.001	<50	0.059	0.051	15	<0.001	<0.001	<50
PAH	Naphthalene	mg/l	0.001 : 0.007 (Interlab)	<0.001	<0.001	<50	0.049	0.045	9	<0.001	<0.001	<50
Sample Quality Parameters	Nitrate (as N)	mg/l	0.01							0.22	0.22	0
Total Petroleum Hydrocarbons	Total C6-C36	mg/l	0.05	<0.05	<0.05	<50	7.2	6.9	4			
	TPH C 6 - C 9 Fraction	mg/l	0.01 : 0.02 (Interlab)	<0.01	<0.01	<50	2.9	2.5	15			
	TPH C10 - C14 Fraction	mg/l	0.01 : 0.05 (Interlab)	<0.01	<0.01	<50	4.1	4	2			
	TPH C15 - C28 Fraction	mg/l	0.05 : 0.1 (Interlab)	<0.05	<0.05	<50	**0.23**	**0.4**	**54**			
	TPH C29-C36 Fraction	mg/l	0.05	<0.05	<0.05	<50	<0.05	<0.05	<50			
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,1,2,2-Tetrachloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,1,2,2-Tetrabromoethane	mg/l	0.0001 : 0.001 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,1,1-Trichloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,1,2-Trichloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,1,2-Tribromoethane	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,1,2-Tribromoethene	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,2,3-Trichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,2-Dibromo-3-chloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,2-Dibromo-3-chloropropane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,2-Dibromoethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,2-Dibromoethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	cis-1,2-Dibromoethene	mg/l	0.0001	0.0017	0.0016	6	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	trans-1,2-Dibromoethene	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	cis- & trans-1,2-Dibromoethene	mg/l	0.0001	0.0017	0.0016	6	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,1-Dichloroethane	mg/l	0.001 : 0.005 (Interlab)	0.003	0.002	40	0.031	0.03	3	<0.001	<0.001	<50
	1,2-Dichloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.003	0.003	0	<0.001	<0.001	<50
	1,1-Dichloroethene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	0.001	0.001	0	<0.001	<0.001	<50
	cis-1,2-Dichloroethene	mg/l	0.001 : 0.005 (Interlab)	0.05	0.049	2	1.5	1.5	0	<0.001	<0.001	<50
	trans-1,2-dichloroethene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	**0.002**	**0.001**	**67**	<0.001	<0.001	<50
	1,2-Dichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,3-Dichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	2,2-Dichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	1,1-Dichloropropene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	cis-1,3-Dichloropropene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	trans-1,3-dichloropropene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Bromochloromethane	mg/l	0.001	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Bromochloromethane	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Bromodichloromethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Bromodichloromethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Bromoethane	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Bromoethyne	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Bromoform	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Bromoform	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Bromomethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Carbon tetrachloride	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Chlorodibromomethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Chlorodibromomethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Chloroethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.001	<50	0.009	0.008	<50	<0.001	<0.001	<50
	Chloroform	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Chloromethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Dibromomethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Dibromomethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Dichlorodifluoromethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Dichloromethane	mg/l	0.01	<0.01	<0.01	<50	<0.01	<0.01	<50	<0.01	<0.01	<50
	Hexachlorobutadiene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Trichloroethene	mg/l	0.001 : 0.005 (Interlab)	0.007	0.007	0	<0.001	<0.001	<50	<0.001	<0.001	<50
	Tetrabromoethane	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Tetrabromoethene	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Tetrachloroethene	mg/l	0.001 : 0.005 (Interlab)	0.014	0.014	0	<0.001	<0.001	<50	<0.001	<0.001	<50
	Trichlorofluoromethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.001	<50	<0.001	<0.001	<50	<0.001	<0.001	<50
	Vinyl bromide (bromoethene)	mg/l	0.0001	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Vinyl chloride	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.001	<50	0.003	0.003	0	<0.001	<0.001	<50

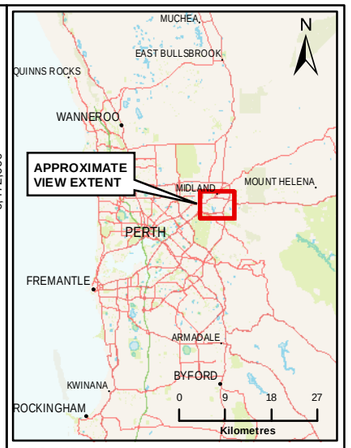
TABLE 13 - RPD Results

Golder Associates

Greater than 50% RPD
Greater than 50% RPD but difference between results is <10x LOR
Greater than 50% RPD but due to differences in LORs between laboratories

			SDG	M121225	Interlab_D		M121248	Interlab_D		M121248	Interlab_D	
			Field_ID	Q8145-01	Q8150 - 01	RPD	Q9502-01	Q9503-01	RPD	Q9502-05	Q9503-02	RPD
				MW42	MW42		SG06	SG06		MWG60	MWG60	
			Sampled_Date-Time	19/06/2012	19/06/2012		21/06/2012	21/06/2012		21/06/2012	21/06/2012	
Chem_Group	ChemName	Units	LOR									
Halogenated Benzenes	1,2,3-Trichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,2,4-Trichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,2-Dichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,3-Dichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,4-Dichlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	2-Chlorotoluene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	4-Chlorotoluene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Bromobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Bromobenzene	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.005	<50			
	Chlorobenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
Heavy Metals	Aluminium	mg/l	0.001 : 0.01 (Interlab)				**0.5**	**2.31**	**129**			
	Aluminium (Filtered)	mg/l	0.001									
	Arsenic	mg/l	0.0005 : 0.001 (Interlab)				<0.0005	<0.001	<50			
	Arsenic (Filtered)	mg/l	0.0005									
	Cadmium	mg/l	0.0002 : 0.0001 (Interlab)				<0.0002	<0.0001	<50			
	Cadmium (Filtered)	mg/l	0.0002									
	Chromium	mg/l	0.001				**<0.001**	**0.002**	**120**			
	Chromium (Filtered)	mg/l	0.001									
	Iron	mg/l	0.001 : 0.05 (Interlab)				**0.8**	**1.59**	**66**			
	Iron (Filtered)	mg/l	0.001									
	Lead	mg/l	0.001				**0.001**	**0.002**	**67**			
	Lead (Filtered)	mg/l	0.001									
	Manganese	mg/l	0.001				0.083	0.1	19			
	Manganese (Filtered)	mg/l	0.001									
	Mercury	mg/l	5e-005 : 0.0001 (Interlab)				<0.00005	<0.0001	<50			
	Mercury (Filtered)	mg/l	5e-005									
	Nickel	mg/l	0.001				<0.001	<0.001	<50			
	Nickel (Filtered)	mg/l	0.001									
	Zinc	mg/l	0.001 : 0.005 (Interlab)				**0.011**	**0.02**	**58**			
	Zinc (Filtered)	mg/l	0.001									
MAH	1,2,4-trimethylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,3,5-Trimethylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Benzene	mg/l	0.001	<0.001	<0.001	<50	<0.001	<0.001	<50			
	Ethylbenzene	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.002	<50	<0.001	<0.002	<50			
	Isopropylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	n-Butylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	n-Propylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	p-Isopropyltoluene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	sec-Butylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Styrene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	tert-Butylbenzene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Toluene	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.002	<50	<0.001	<0.002	<50			
	Xylenes (m & p)	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.002	<50	<0.001	<0.002	<50			
	Xylene (o)	mg/l	0.001 : 0.002 (Interlab)	<0.001	<0.002	<50	<0.001	<0.002	<50			
PAH	Naphthalene	mg/l	0.001 : 0.007 (Interlab)	<0.001	<0.005	<50	<0.001	<0.007	<50			
Sample Quality Parameters	Nitrate (as N)	mg/l	0.01				0.22	0.16	32			
Total Petroleum Hydrocarbons	Total C6-C36	mg/l	0.05	<0.05								
	TPH C 6 - C 9 Fraction	mg/l	0.01 : 0.02 (Interlab)	**<0.01**	**0.03**	**100**						
	TPH C10 - C14 Fraction	mg/l	0.01 : 0.05 (Interlab)	<0.01	<0.05	<50						
	TPH C15 - C28 Fraction	mg/l	0.05 : 0.1 (Interlab)	<0.05	<0.1	<50						
	TPH C29-C36 Fraction	mg/l	0.05	<0.05	<0.05	<50						
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,1,2,2-Tetrachloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,1,2,2-Tetrabromoethane	mg/l	0.0001 : 0.001 (Interlab)	<0.0001			<0.0001	<0.001	<50	**<0.0001**	**<0.001**	**164**
	1,1,1-Trichloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,1,2-Trichloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,1,2-Tribromoethane	mg/l	0.0001	<0.0001			<0.0001					
	1,1,2-Tribromoethene	mg/l	0.0001	<0.0001			<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,2,3-Trichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,2-Dibromo-3-chloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,2-Dibromo-3-chloropropane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.005	<50			
	1,2-Dibromoethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,2-Dibromoethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.005	<50			
	cis-1,2-Dibromoethene	mg/l	0.0001	0.0017			<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	trans-1,2-Dibromoethene	mg/l	0.0001	<0.0001			<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	cis- & trans-1,2-Dibromoethene	mg/l	0.0001	0.0017			<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	1,1-Dichloroethane	mg/l	0.001 : 0.005 (Interlab)	0.003	<0.005	50	<0.001	<0.005	<50			
	1,2-Dichloroethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,1-Dichloroethene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	cis-1,2-Dichloroethene	mg/l	0.001 : 0.005 (Interlab)	0.05	0.039	25	<0.001	<0.005	<50			
	trans-1,2-dichloroethene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,2-Dichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,3-Dichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	2,2-Dichloropropane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	1,1-Dichloropropene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	cis-1,3-Dichloropropene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	trans-1,3-dichloropropene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Bromochloromethane	mg/l	0.001	<0.001			<0.001					
	Bromochloromethane	mg/l	0.0001	<0.0001			<0.0001					
	Bromodichloromethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Bromodichloromethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.005	<50			
	Bromoethane	mg/l	0.0001	<0.0001			<0.0001					
	Bromoethyne	mg/l	0.0001	<0.0001			<0.0001					
	Bromoform	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.0001	<50	**<0.001**	**<0.0001**	**164**
	Bromoform	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Bromomethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.05	<50	<0.001	<0.05	<50			
	Carbon tetrachloride	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Chlorodibromomethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Chlorodibromomethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.005	<50			
	Chloroethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.05	<50	<0.001	<0.05	<50			
	Chloroform	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Chloromethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.05	<50	<0.001	<0.05	<50			
	Dibromomethane	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.0001	<50	**<0.001**	**<0.0001**	**164**
	Dibromomethane	mg/l	0.0001 : 0.005 (Interlab)	<0.0001	<0.005	<50	<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Dichlorodifluoromethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.05	<50	<0.001	<0.05	<50			
	Dichloromethane	mg/l	0.01	<0.01			<0.01					
	Hexachlorobutadiene	mg/l	0.001 : 0.005 (Interlab)	<0.001	<0.005	<50	<0.001	<0.005	<50			
	Trichloroethene	mg/l	0.001 : 0.005 (Interlab)	0.007	0.006	15	<0.001	<0.005	<50			
	Tetrabromoethane	mg/l	0.0001	<0.0001			<0.0001					
	Tetrabromoethene	mg/l	0.0001	<0.0001			<0.0001					
	Tetrachloroethene	mg/l	0.001 : 0.005 (Interlab)	0.014	0.01	33	<0.001	<0.005	<50			
	Trichlorofluoromethane	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.05	<50	<0.001	<0.05	<50			
	Vinyl bromide (bromoethene)	mg/l	0.0001	<0.0001			<0.0001	<0.0001	<50	<0.0001	<0.0001	<50
	Vinyl chloride	mg/l	0.001 : 0.05 (Interlab)	<0.001	<0.05	<50	**<0.001**	**<0.05**	<50			





LEGEND

- Highway
- Road; Rural arterial
- Road; Urban arterial
- Bridge
- Railway station
- Rail
- Watercourse

Site Boundaries

- Damplands boundary
- Former waste control site boundary
- Hanson boundary
- Lot 2 boundary
- South west industrial area boundary

NOTES

Coordinate System: GDA 1994 MGA Zone 50

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0 200 400 600 800 1,000
Metres

SCALE (at A3) 1:20,000

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Former Waste Control Site Bellevue

SITE LOCATION PLAN

FIGURE 1

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:1,500

NOTES
Coordinate System: GDA 1994 MGA Zone 50

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LEGEND

Aquifer Types
- Alluvium
- Base of Guildford
- Guildford (regional)
- Shallow
- Leederville

- Staff gauge
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

SITE PLAN AND SAMPLE LOCATIONS

FIGURE 2

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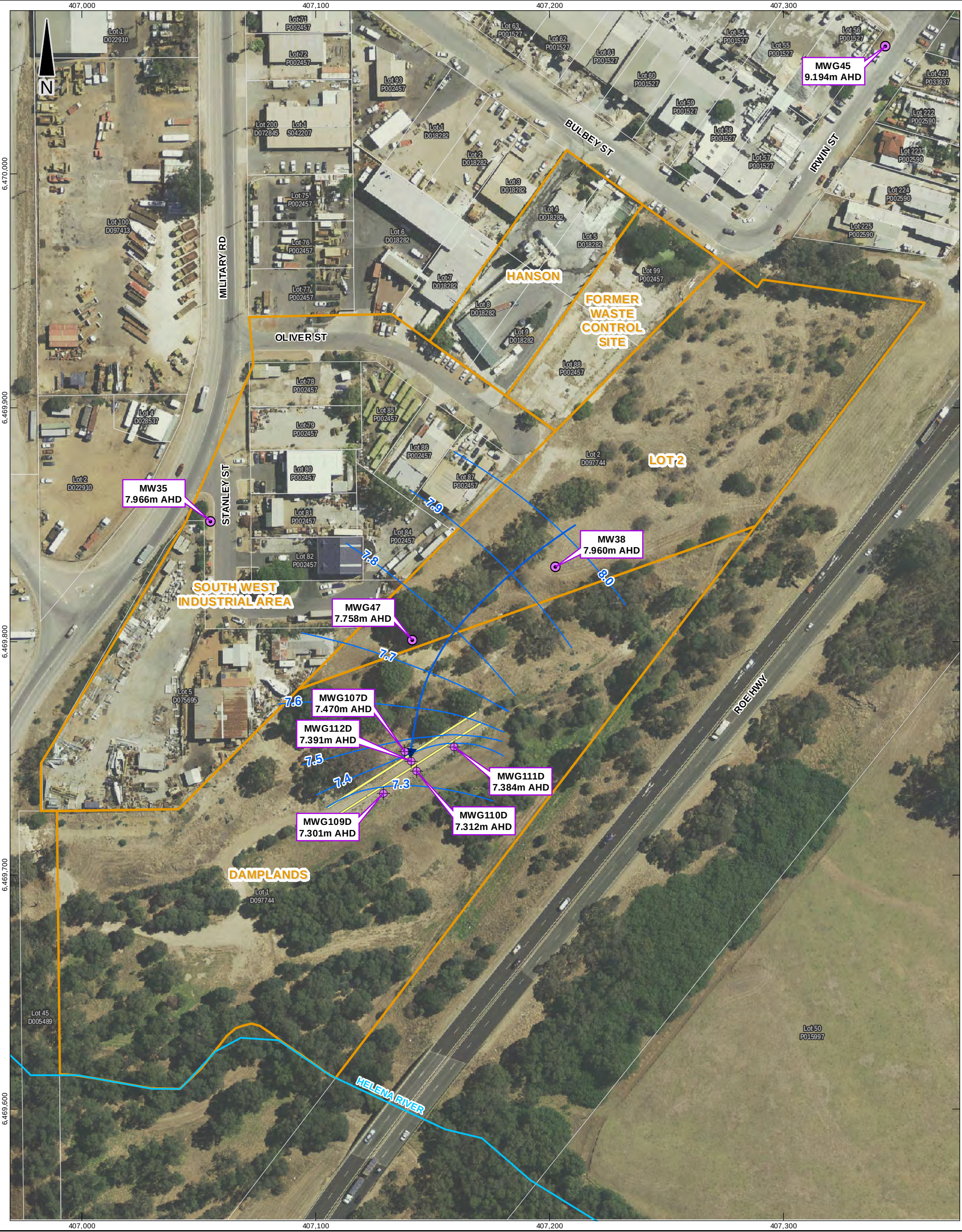

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:1,500

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LEGEND
- Leederville
- 3-multilevel and Leederville formation
- Groundwater flow direction
- Inferred groundwater contour (m AHD)
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

GROUNDWATER CONTOURS FOR LEEDERVILLE FORMATION

FIGURE 3

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0 10 20 30 40 50
Metres

SCALE (at A3) 1:1,500

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Groundwater contours based on elevations as measured on 11 June 2012.

LEGEND
- Base of Guildford
- Groundwater flow direction
- Inferred groundwater contour (mAHD)
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

GROUNDWATER CONTOURS FOR BASE OF GUILDFORD

FIGURE 4

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:1,500

NOTES
Coordinate System: GDA 1994 MGA Zone 50

* Well not included in contour

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Groundwater contours based on elevations as measured on 11 June 2012.

LEGEND
- Guildford (regional)
- Alluvium
- Inferred groundwater contour (mAHD)
- Groundwater flow direction
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

GROUNDWATER CONTOURS FOR GUILDFORD (REGIONAL) AND ALLUVIUM

FIGURE 5

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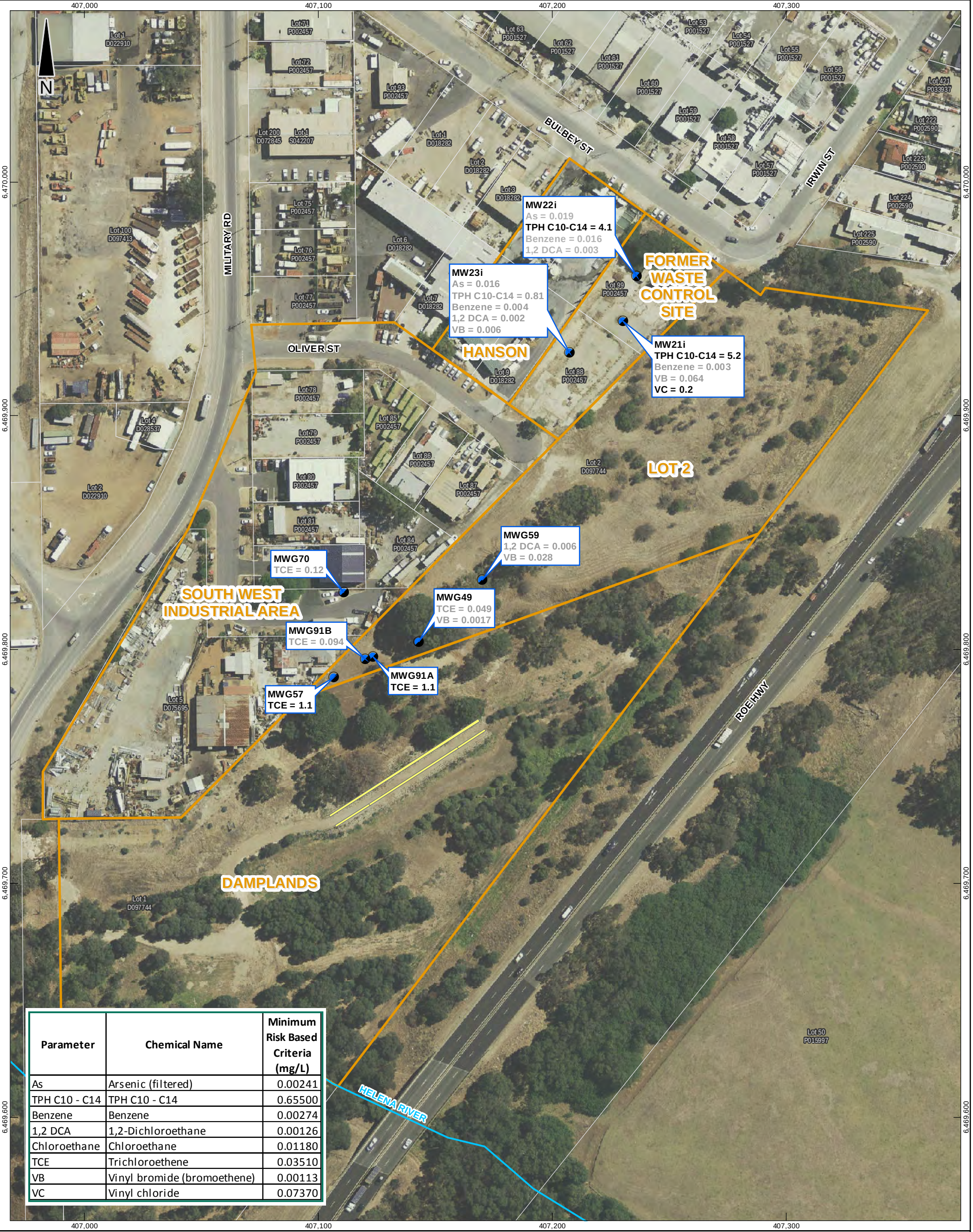

Parameter	Chemical Name	Minimum Risk Based Criteria (mg/L)
As	Arsenic (filtered)	0.00241
TPH C10 - C14	TPH C10 - C14	0.65500
Benzene	Benzene	0.00274
1,2 DCA	1,2-Dichloroethane	0.00126
Chloroethane	Chloroethane	0.01180
TCE	Trichloroethene	0.03510
VB	Vinyl bromide (bromoethene)	0.00113
VC	Vinyl chloride	0.07370

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:1,500

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Monitoring Well ID
Maximum concentration in mg/L

LEGEND
- Monitoring well location
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

GROUNDWATER CONCENTRATIONS (2012) EXCEEDING HUMAN HEALTH RBC

FIGURE 6

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Parameter	Chemical Name	Minimum Risk Based Criteria (mg/L)
TCE	Trichloroethene	0.0847
Al	Aluminium	0.0550
Cr	Chromium	0.0010
Fe	Iron	0.3000
Zn	Zinc	0.0080

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:1,500

NOTES
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Monitoring Well ID
Maximum concentration in mg/L

LEGEND
- Monitoring well location
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

DAMPLANDS & HELENA RIVER GROUNDWATER CONCENTRATIONS (2012) EXCEEDING AQUATIC SCREENING CRITERIA

FIGURE 7

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:1,500

NOTES
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LEGEND

Monitoring Well ID
Maximum concentration (µg/L)

- Exceed relevant risk-based criteria
  - 35.1 - Lot 2, SWI area
  - 84.7 - Damplands
- < Relevant risk-based criteria
- Drainage
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

TCE CONCENTRATION 2012 (µg/L)

FIGURE 8

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0 10 20 30 40 50
Metres
SCALE (at A3) 1:2,000

NOTES
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Monitoring Well ID
Maximum concentration (µg/L)

LEGEND
Concentration (2012 June µg/L)
- >100 µg/L
- 10-100 µg/L
- <10 µg/L
- Plume centreline
- PRB
- Site boundary
- Cadastre

Former Waste Control Site
Bellevue

DISTRIBUTION OF CHLORINATED ETHENES IN GROUNDWATER

FIGURE 9

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