02 July 2015

Tom Goode
Director
JBA Urban Development Services
Level 7, 77 Berry Street
North Sydney NSW 2059

Our ref: 21/24438
207494
Your ref:

Dear Tom,

190 Dunmore Street, Wentworthville, NSW
Addendum to the Phase 2 Environmental Assessment Report (GHD 2011)

1 Introduction

GHD Pty Ltd (GHD) has been commissioned by JBA Urban Development Services (JBA) to review and update the Phase 2 Environmental Site Assessment (ESA) report completed previously for Pacific Brands Limited (GHD, May 2011). The site is located at 190 Dunmore Street Wentworthville NSW (the site). The site location is shown on **Figure 1**, **Attachment A**. The Phase 2 ESA was prepared for Pacific Brands Ltd who sold the site to JST Pty Ltd in 2012. GHD understands JBA are project managing the site on behalf of JST.

GHD understands that the site is to be rezoned from industrial to a mixed commercial and residential development site

GHD has been informed that manufacturing ceased at the site in February 2009 while some office functions have continued. No demolition of structures on the site has occurred.

This letter report is issued as an addendum to the Phase 2 ESA report (GHD, 2011).

2 Background

GHD undertook a Phase 1 Contamination assessment with limited soil and groundwater sampling in 2009. The results from the 2009 assessment did not identify widespread, gross contamination of soil or groundwater at the site. The Phase 2 Environmental site assessment (ESA) was undertaken in 2011. The objective of the Phase 2 was to provide further information regarding the contamination status of the site. Based on the findings of the Phase 2 ESA, GHD concluded that the site was not subject to gross contamination. However, localised areas of soil contamination with concentrations of contaminants of potential concern above nominated investigation levels were reported and asbestos fragments in fill material were identified.

A total of 83 soil sample locations and nine groundwater monitoring wells were investigated during the ESA, the locations of which are shown on **Figure 2, Attachment A**. Some areas of the site were not accessible for sampling (portions of Building 1 and 3, administrative offices) during the assessment. The report stated that while contamination in these areas is not expected (based on site history information

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and field observations) there is the potential for contamination to be identified in these areas following demolition of these structures.

Since the investigations in 2011 the National Environment Protection (Assessment of Site Contamination) Measure 1999 was amended in 2013. This addendum will assess the soil and groundwater results to the amended NEPM. For site characteristics and sampling information refer to the 2011 Phase 2 ESA report.

3 Objective

The objectives of these works are summarised as follows:

- review existing site data, as reported by GHD (2011), with reference to current guidelines and legislation appropriate for a mixed residential and commercial re-development
- assess whether any changes have occurred on the since the previous ESA (GHD, 2011) which may have the potential to have resulted in site contamination
- provide recommendations for further assessment or management of contamination on the site (if required).

4 Site inspection

GHD undertook a site inspection on 24 March 2015 and a photo log is provided in **Attachment B** and the site layout in Figure 1, **Attachment A**. Since the 2011 investigation the following changes have occurred:

- Previously Administrative buildings (Office A, Office B and Office C) were all in use. At the time of the site inspection, a small portion of Office A and Office B and C were no longer in use, with Office B containing disused office equipment. Access was not available to office C.
- Previously Building 1 was mostly occupied by disused former textiles manufacturing areas. The south western portion was used for warehousing. Currently the south western portion is being used to store and sell PVC pipes. The other part of Building 1 was unable to be access. To the north of Building 1 the transformers are still located there.
- A full container of engine oil was found under the awnings on the northern side of Building 1. No staining on the ground surface was noted around the container.
- Building Group 2 had been cleared and is empty and disused.
- Building 3 had large cleared areas. There were areas that could not be accessed due to insufficient lights in the building. There was a large turn wheel as seen in photo 9 of **Attachment B**.
- The Dye house (eastern part of Building 1) was being used for wood storage and there was an empty Castrol drum stored there.
- Cars were parked in the southern awning of Building 1.
- Majority of outside areas on the site were clear of general rubbish with the exception of the south side of the Dye House (surrounding empty Castrol drum noted above).

- A number of mechanical components were being stored in the southern car park and under the awnings adjacent to Building Group 2.
- The 40,000 L Water tank located in the south western portion of the site appeared to be leaking as can be seen in photo 29 of **Attachment B**.

No major changes were noted on site to suggest that further contamination may have occurred since the investigation in 2011.

4.1 Relevant guidelines

The framework for this report has been developed in accordance with guidelines "made or approved" by the NSW EPA under *Section 105* of the *Contaminated Land Management Act, 1997*.

These guidelines include the following:

- National Environment Protection Council (NEPC) 1999, National Environment Protection (Assessment of Site Contamination) Measure (NEPM) amended 2013.
- NSW Office of Environment & Heritage (OEH) 2011, Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites.
- NSW DEC 2006, Contaminated Sites: Guidelines for NSW Site Auditor Scheme (2nd Edition).
- NSW Department of Environment and Conservation (DEC) 2007, Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination.
- NSW Department of Environment & Climate Change (DECC) 2009, Contaminated Sites: Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997.
- Australia and New Zealand Environment and Conservation Council (ANZECC) 2000, Australian and New Zealand Guidelines for Fresh and Marine Water Quality.

Additional guidelines referred to in this report are:

- Friebel and Nadebaum 2011, Technical Report No. 10: Health screening levels for petroleum hydrocarbons in soil and groundwater.

4.2 Assessment criteria

A summary of the investigation levels which will be used to evaluate measured chemical concentrations in soil samples are summarised in **Table 1**. Groundwater has been excluded due to the screening criteria in the Phase 2 ESA report have remained the same.

Table 1 - Overview of adopted guidelines

Guideline	Justification	Acronym
Soil – Human Health		
Health Investigation/Screening Level – A (HIL/HSL-A) from NEPC (2013	HIL/HSL-A has been selected based on the potential future site use and being	NEPM 2013 HIL-A / HSL D

Guideline	Justification	Acronym
NEPM)	the most conservative.	
Intrusive Maintenance Workers (CRC Care, 2011)	Guidelines for intrusive maintenance workers have also been adopted	
Management Limits (2013 NEPM)	Management limits have been used for commercial / industrial land use for coarse soils.	MLs
Soil – Ecological		
Ecological investigation/screening level from NEPC (2013 NEPM) Urban residential and public open space	EIL/ESLs has been selected based on the site has soft cape areas.	NEPM 2013 EIL /ESL
Groundwater		
Groundwater Investigation Levels (GIL) –Marine Water (1999 NEPM amended 2013)	Marine water criteria have been selected for the GILs as some of the receiving surface waters, surrounding the site	Groundwater investigation Levels (GIL)
Groundwater Investigation Levels (GIL) – Drinking Water (1999 NEPM amended 2013)	Groundwater is not likely to be abstracted for potable use in the area of the proposed alignment based on quality and the availability of reticulated town supply. However, incidental ingestions could occur during maintenance.	Groundwater investigation Levels (GIL)
Low reliability trigger values - ANZECC (2000) *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*	Where there is no NEPM GIL (Marine) for analytes the ANZECC low reliability trigger value will be adopted	LRTV
Regional Screening Levels (RSLs) for tap water (2014, USEPA)	Where there is no NEPM GILs or ANZECC, the RSLs tap water value has been adopted	RSLs

GHD notes that the asbestos screening criteria has changed with NEPM (2013) however; no asbestos in soils were identified during the investigation only fragments and therefore the results will remain the same which is asbestos identification analysis only (presence/absence).

The EILs are now based the added contaminant limit above the ambient background concentration. This calculation is based on collection and analysis of pH, cation exchange capacity (CEC) and clay content usually collected from a reference site. However, this was not collected and therefore the most conservative numbers for the contaminant has been selected.

The screening criteria (HSL / HIL / EIL / ESL / GIL / LRTV / RSL) used in this assessment are detailed on **Table 1 and 2** in **Attachment C**.

5 Updated results

5.1 Updated EPA Registers

Under the provisions of the NSW Contaminated Land Management Act (1197, Section 58, Subsection 'CLM Act') a public register of current NSW declarations and orders in force is maintained by the EPA. A search of the record was conducted on 27 March 2015. A search of the contaminated sites register and did not identify any registered sites within 500 m of the site. A search of the POEO register did not identify any licences within a 500 m of the site.

A search of the contaminated site notified to the EPA, identified one site, 7 Eleven Service Station, 217 Wentworth Avenue, Pendle Hill – under assessment. The site is located 315 metres to the northwest of the site. The site is located cross gradient and does not have the potential to impact on the site.

A groundwater bore search was undertaken using the Office of Water website http://allwaterdata.water.nsw.gov.au/water.stm (accessed 2 April 2015) showed that there were no groundwater bores within a 1 km radius of the site.

5.2 Analytical results

The amended NEPM 2013 created new total petroleum hydrocarbon fractions, therefore for comparison purposes they have been loosely paired with the previously fractions. The USEPA regional screening levels for residential soil have been used where there are no NEPM 2013 values for comparison only.

5.2.1 Soil results

Elevated concentrations of metals (including arsenic, chromium, cobalt, copper, nickel and zinc) reported above Ecological Investigation Levels (EILs) are summarised in **Table 2**. These concentrations were generally below the adopted Health Investigation Level (HILs). The design of the site is unknown and therefore all results have been compared to the most conservative criteria being residential. The soil analytical results are summarised in **Table 1, Attachment C**.

Table 2 Summary of Soil Sample Exceedances

Analyte	Adopted Criteria (mg/kg)		No of Exceedances		Max Concentration (mg/kg)	Adopted Criteria (mg/kg)	
	EIL[1]	HIL-A	EIL[1]	HIL-A		EIL[2]	HIL-D
Arsenic	100	100	2	2	200 (WS6/0-0.1)	160	3000
Chromium[3]	190	100	1	2	3300 (WS6/0-0.1)	310	3600
Cobalt	-	100	-	1	540 (TP06/1.0)	-	4000
Copper	60	6000	14	0	520 (WS6/0-0.1)	85	240,000
Nickel	30	400	23	0	190 (HA29/0.13)	55	6000
Zinc	70	7400	46	0	2300 (WS6/0-0.1)	110	400,000

Analyte	Adopted Criteria (mg/kg)		No of Exceedances		Max Concentration (mg/kg)	Adopted Criteria (mg/kg)	
	EIL[1]	HIL-A	EIL[1]	HIL-A		EIL[2]	HIL-D
Benz(a)anthracene	-	0.15*	-	3	0.4 (GW4/0-0.2)		
Benzo(b)&(k) fluoranthene	-	0.15*	-	4	0.7 (GW4/0-0.2)		
Indeno(1,2,3-c,d)pyrene	-	0.15*	-	5	0.2 (GW4/0-0.2), AD1, HA39/0.6)		

1 EIL is for urban residential and public open space conservative.

2 EIL is commercial and industrial conservative

3 Chromium as Chromium (VI) for the HILs and Chromium (III) for EILs.

Interpretation of asbestos, PCBs and Waste classification data remains consistent with the 2011 ESA.

5.2.2 Groundwater results

All exceedances remain the same as per the 2011 ESA. The NEPM 2013 guidelines had new screening criteria for HSLs in groundwater for the following analytes; total petrol hydrocarbon (now referred to as total recoverable hydrocarbons), benzene, toluene, ethylbenzene and total xylenes (BTEX) and naphthalene. There were no reported exceedances of the HSLs for residential land use. The groundwater analytical results are summarised in **Table 2, Attachment C.**

5.3 Summary of Soil Assessment finding (updated)

Metal concentrations above EILS were still identified across the site. Majority were below the health investigations levels for residential setting. The majority of the EIL exceedances could be due to background concentrations.

6 Conclusions and recommendations

GHD understands that the majority of the site has remained vacant since Pacific Brands ceased operations at the site and therefore no further contamination of the site is likely to have occurred due to general site operations.

Based on comparison of previous analytical data reported by GHD following sampling completed in 2011, GHD considers that the site can be made suitable for residential/ commercial uses as required by SEPP 55, subject to implementation of the following recommendations.

- Delineation and remediation of the remaining localised contamination should be carried out during the development application and/or prior and during the commencement of works for each stage of the development.
- Localised areas of elevated concentrations of contaminants and areas of asbestos fragments remain on the site. These areas will require further delineation and or remediation once site infrastructure has been removed and prior to development of the site. Obtaining background pH, CEC and clay content soil samples from a reference site (either onsite or nearby) is recommended to adjust the

EILs to be site specific and therefore potentially less conservative with the screening criteria due to natural high background metal concentrations.

In addition, the recommendations made previously by GHD (2011) are still considered to be relevant including:

- *Management or removal of asbestos fragments in fill material along the eastern portion of the site and within the central car park area.*
- *Further assessment of Polychlorinated Biphenyls (PCBs) in surface soils in the vicinity of former transformer stations.*
- *Elevated heavy metal concentrations may require further delineation depending on the development plan at these locations (open space compared to no access to soils).*
- *Management or removal of any near surface soils containing elevated heavy metals concentrations including crushed rock and road/slab base material.*
- *Management or removal of any material that may represent an aesthetic issue for site redevelopment, such as the black impacted soil and ash identified at one location or the fill material within the central car park (rubble from demolition of old boiler house).*
- *Further assessment of the chlorinated hydrocarbon contamination in groundwater identified at a monitoring well.*

Areas of the site that were not accessible for sampling (portions of Building 1 and 3, administrative offices) during the 2011 assessment have the potential for contamination to be identified in these areas following demolition of these structures and an assessment should be carried out in these areas as part of the delineation works.

7 Limitations

This Addendum to the Phase 2 Environmental Assessment Report (GHD 2011) ("Report"):

1. has been prepared by GHD Pty Ltd ("GHD") for JST Pty Ltd (JST);
2. may only be used and relied on by JST;
3. must not be copied to, used by, or relied on by any person other than JST without the prior written consent of GHD and subject always to the next paragraph; and
4. may only be used for the purpose as stated in section 3 of the Report (and must not be used for any other purpose).

GHD and its servants, employees and officers otherwise expressly disclaim responsibility to any person other than JST; arising from or in connection with this Report.

To the maximum extent permitted by law, all implied warranties and conditions in relation to the services provided by GHD and the Report are excluded unless they are expressly stated to apply in this Report.

The services undertaken by GHD in connection with preparing this Report were limited to a review of background information reported by GHD previously and completion of a visual site inspection. The

works were undertaken in accordance with current profession practice and by reference to relevant environmental regulatory authority and industry standards, guidelines and assessment criteria in existence as at the date of this Report and did not include the collection of samples for the purpose of laboratory analysis or verification of information obtained from the site history review.

The opinions, conclusions and any recommendations in this Report are based on assumptions made by GHD when undertaking the services mentioned above and preparing the Report ("Assumptions"), as specified throughout this Report. GHD expressly disclaims responsibility for any error in, or omission from, this Report arising from or in connection with any of the Assumptions being incorrect.

GHD has prepared this Report on the basis of information provided by JST; (and others who provided information to GHD including Government authorities, which GHD has not independently verified or checked ("Unverified Information") beyond the agreed scope of work.

GHD expressly disclaims responsibility in connection with the Unverified Information, including (but not limited to) errors in, or omissions from, the Report, which were caused or contributed to by errors in, or omissions from, the Unverified Information."

Inspections undertaken in respect of this Report were limited to visual inspections only and were constrained by the particular site conditions, such as locations of buildings, services or vegetation.

Please do not hesitate to contact the undersigned if you require any further information in relation to this project.

Kind regards,

Jacqui Hallchurch
Service Group Manager
02 9239 7046

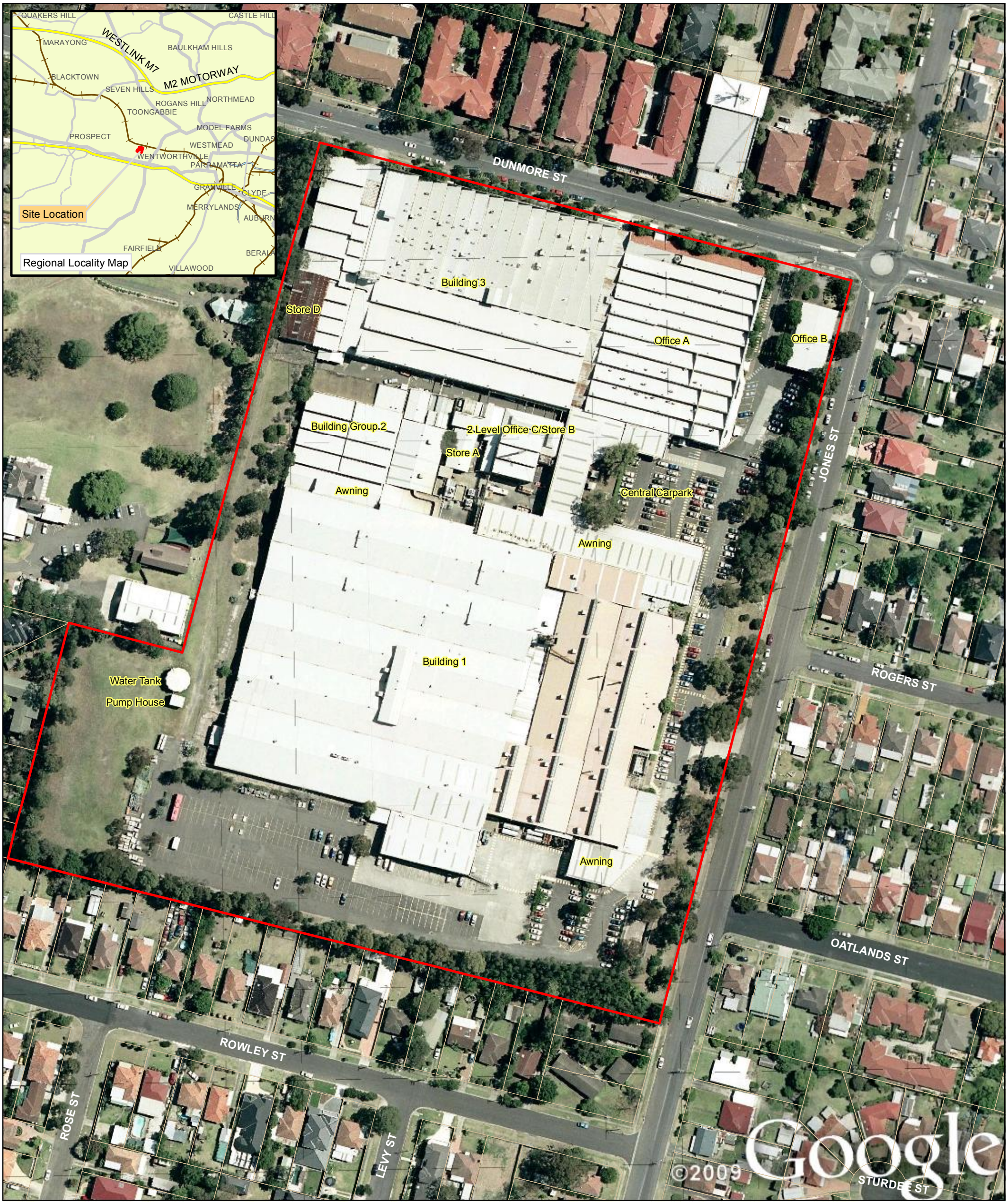
Nicole Rosen
Environmental Scientist
02 9239 7

Attachment A – Figures

Attachment B – Photo log

Attachment C – Soil Analytical Results table

Attachment A - Figures



LEGEND

Site Boundary

0 12.5 25 50 75 100

Meters

Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of Australia (GDA)
Grid: Map Grid of Australia 1994, Zone 56

N

GHD

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JST, Wentworthville
Addendum to the Phase 2
Environmental Site Assesment

Job Number 21-24438
Revision B
Date 17 May 2011

Site Location and Layout

Figure 1

G:\21\20474\GIS\Maps\MXD\21_20474_Z001_SiteLocationPlan_20110407.mxd

Level 15, 133 Castlereagh Street Sydney NSW 2000 **T** 61 2 9239 7100 **F** 61 2 9239 7199 **E** sydmail@ghd.com.au **W** www.ghd.com.au

Data Source: NSW Department of Lands: Cadastre - Jan 2010; Geoscience Australia 250k Data - Jan 2011; Google Earth Pro - 2011 Created by: sdwoodger

LEGEND

- Borehole / Window Sampler
- Hand Auger
- Groundwater Monitoring Well
- Test Pit
- Grid (30m x 30m)
- Concrete Slab On Rock
- Approximate location of previous diesel spill
- Infered location of backfilled creek
- Infered location of former UST's
- Infered location of former coal fired boiler house
- Infered location of former incinerator
- Substation
- Transformers
- Effluent Pit

0 12.5 25 50 75 100

Meters

Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of Australia (GDA)
Grid: Map Grid of Australia 1994, Zone 56

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JST, Wentworthville
Addendum to the Phase 2
Environmental Site Assesment

Job Number 21-24438
Revision 1
Date 17 May 2011

Sample Location Plan

Figure 2

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Level 15, 133 Castlereagh Street Sydney NSW 2000 **T** 61 2 9239 7100 **F** 61 2 9239 7199 **E** sydmail@ghd.com.au **W** www.ghd.com.au

Data Source: NSW Department of Lands: Cadastre - Jan 2010; Geoscience Australia 250k Data - Jan 2011; Google Earth Pro - 2011 Created by: sdwoodger

Attachment B – Photo log

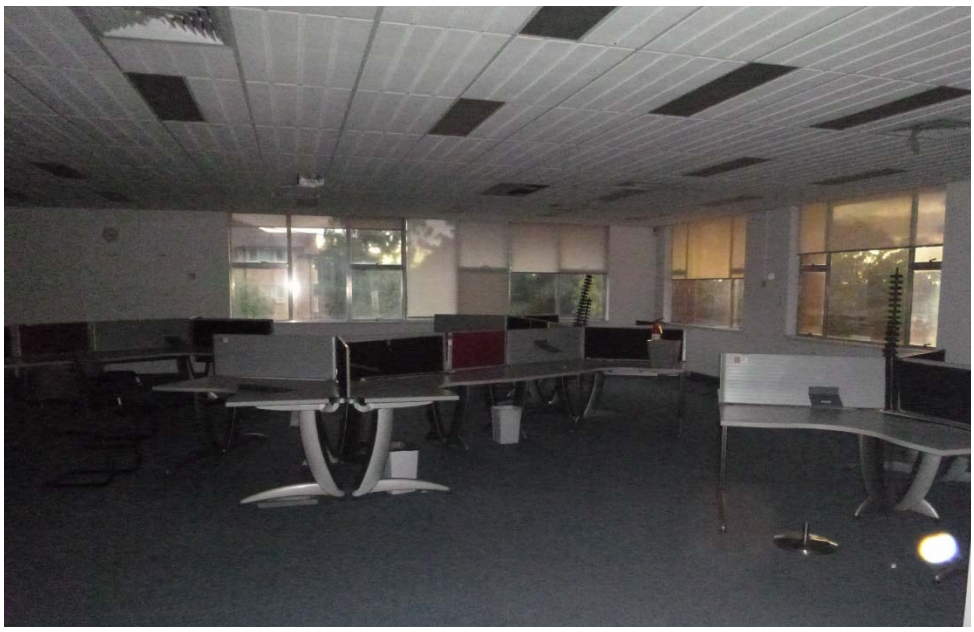

Photo 1: Office B – empty office rooms with disused office furniture.

Photo 2: Old air-conditioning unit in Office B surrounded in rubbish and other service systems

Photo 3: Reception area in Office A

Photo 4: Example of an electrical switch board found throughout Office A

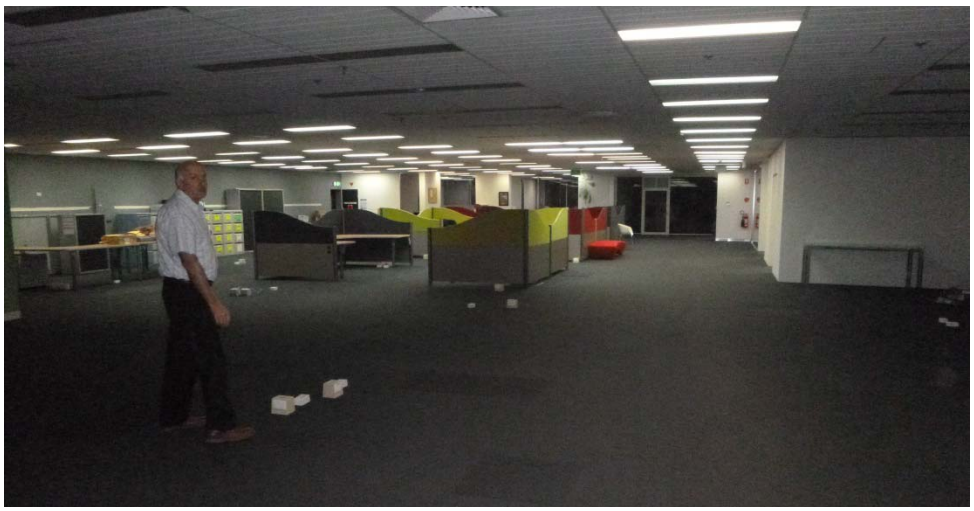

Photo 5: Operational area of Office A. Approximately 15 staff members work here.

Photo 6: Disused office space and furniture in Office A

Photo 7a and 7b: Examples of disused areas of Building 3

Photo 8: Electrical Systems in Building 3

Photo 9: Belt turn wheel in a room of the central area of Building 3. The wheel diameter would be approximately 2 m in diameter, and the shaft would be 3 – 5 m long (difficult to see the back as the room was very dark). Ellie was unsure what it was used for or if it is still operational.

Photo 10a: showing belt system. Photo 11b: ground surface under the belt and turn wheel component.

Photo 12: Staining and debris on the floor of Building 3.

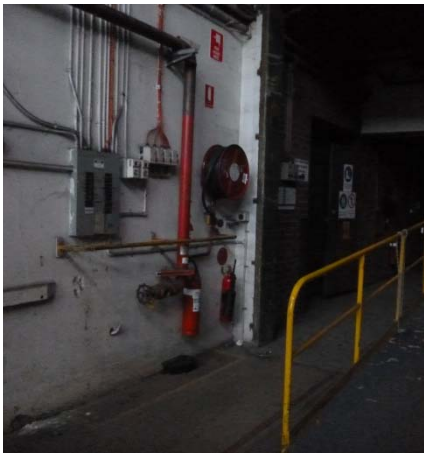

Photo 13a: Loading dock at western end of Building 3 (connects to Dunmore St). Minor rubbish and staining noted. Photo 14b: Electrical systems in the loading dock.

Photo 15: Disused warehouse area (west of loading dock area, north of Store D)

Photo 16: Fire systems in disused warehouse area west of loading dock area, north of Store D.

Photo 17: Store D showing empty shelving

Photo 18: tub collecting water leaking from the roof. Ellie thought that the colour was from rust in the roof.

Photo 19: Police unit area (building immediately adjacent to the south of Building 3) showing empty space.

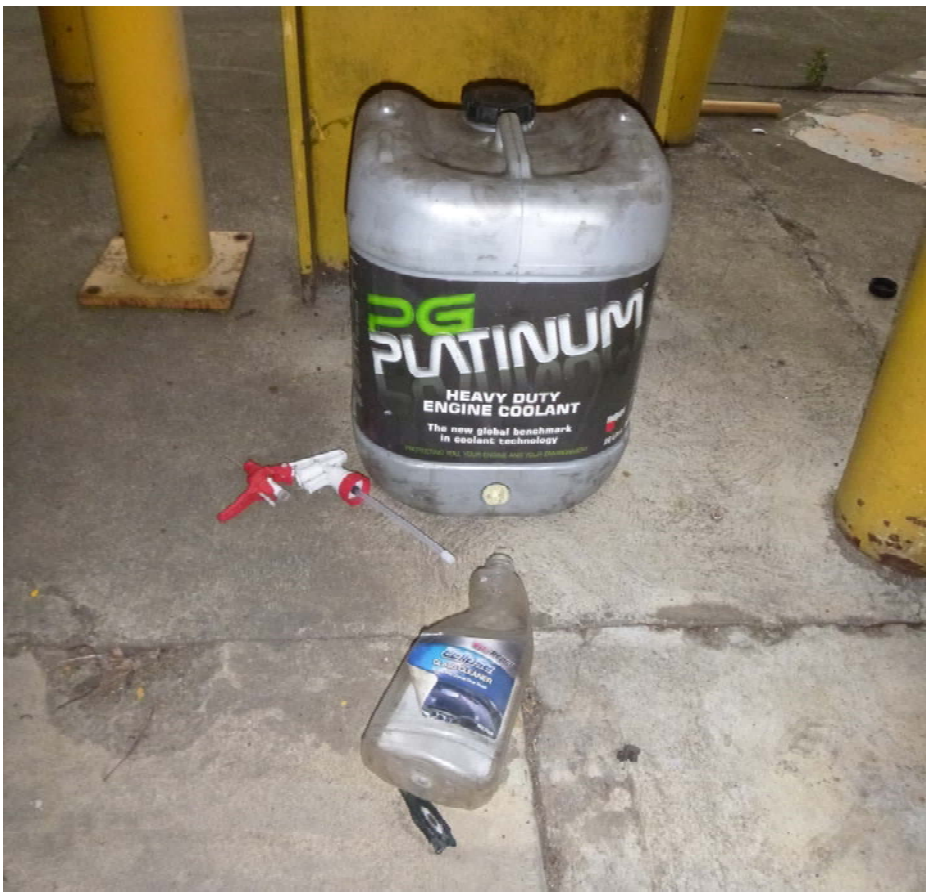

Photo 20: Full engine coolant tub, located under the awnings near the central carpark area.

Photo 21: Disused factory machinery located under the awnings near the central carpark

Photo 22a: operational generators (five in total) located north of building 1 under the awning area.
Photo 23b: showing staining on the ground surface under one of the generators

Photo 24: inside building group 2

Photo 25: Inside the dye house – currently being used for wood storage

Photo 26: Empty Castrol drum under the awning and in the bunded areas south of the dye house. Staining was evident around the base of the drum on the concrete surface. General rubbish also observed

Photo 27: Bunded areas south of the dye house full of water and general debris.

Photo 28: Mechanical components located in the car park on the south east corner of the site.

Photo 29: The pump house and the water tank, located west of building 1. The tank was leaking at the time of inspection (as shown by the wet grass area in the foreground) and apparently it had been leaking over the three days prior.

Photo 30: rubbish containers located behind the water tank. GHD was not able to observe what was in the containers.

Photo 31: The ground surface in the central car park showing numerous saw cuts, potentially for the installation of a drainage system.

Photo 32: Concrete ground surface adjacent to the asphalt surface in the visitors car park east of Office A.

Attachment C – Analytical Result Tables

Attachment C
Table C1
Soil Analytical Results

	Asbestos	TPH					BTEX					Inorganics							Lead	MAH									Metals									
	Asbestos fibres	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Cyanide (Free)	Cyanide Total	Moisture	Nitrate (as N)	Nitrite (as N)	Sulphate	Sulphur as S	Lead	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Chromium (III) - Calc	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Cobalt	Copper
	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		10	50	100	100		0.2	0.5	0.5	0.5	0.5		0.5	0.1	0.1	0.1	2	10	1	1	1	1	1	1	1	1	1	1		5	4		1		0.5	0.5	1	1	1
USEPA Regional Screening Levels - residential soils																															15,000							
NEPM 2013 Conservative EIL-Commercial/Industrial																			1800										310		160								85
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																			1100										190		100								60
NEPM 2013 ESL Urban residential and public open space, Coarse Soil							50[#1]	70	85																													
NEPM 2013 HIL Commercial/industrial D Soil												1500							1500												3000		500	300,000	900	3600	3600	4000	240,000
NEPM 2013 HIL Recreational C Soil												240							600												300		90	20,000	90	300	300	300	17,000
NEPM 2013 HIL Residential A Soil												**250**							**300**												**100**		**60**	**4500**	**20**	**100**	**100**	**100**	**6000**
NEPM 2013 HIL Residential B Soil												300							1200												500		90	40,000	150	500	500	600	30,000
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand		*45*	*110*				*0.5*	*55*	*160*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand		*70*	*240*				*0.5*	*NL*	*220*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand		*110*	*440*				*0.5*	*NL*	*310*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand		*200*	*NL*				*0.5*	*NL*	*540*																												
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil		7000	1000	2500	10,000																																

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date																																		
28731-1	GW1	GW1	0-0.2	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	17	-	-	-	-	35	-	-	-	-	-	-	-	-	-	10[#2]	-	15	-	-	-	<0.5	-	10	-	55
28731-10	GW2	GW2	1-1.2	06-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	15	-	-	-	-	25	-	-	-	-	-	-	-	-	-	8[#2]	-	10	-	-	-	<0.5	-	8	-	38
28731-14	GW3	GW3	0-0.2	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.9	-	-	-	-	17	-	-	-	-	-	-	-	-	-	4[#2]	-	17	-	-	-	<0.5	-	4	-	39
28731-20	GW4	GW4	0-0.2	05-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	26	-	-	-	-	-	-	-	-	-	8[#2]	-	9	-	-	-	<0.5	-	8	-	37
28731-26	GW5	GW5	0-0.2	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	10	-	-	-	-	18	-	-	-	-	-	-	-	-	-	12[#2]	-	9	-	-	-	<0.5	-	12	-	48
28731-30	BH1	BH1	0.1-0.3	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	20	-	-	-	-	-	-	-	-	-	10[#2]	-	18	-	-	-	<0.5	-	10	-	26
28731-33	BH4	BH4	0.1-0.3	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	11	-	-	-	-	23	-	-	-	-	-	-	-	-	-	13[#2]	-	39	-	-	-	<0.5	-	13	-	49
28731-38	BH4	BH4	3.8-4	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	25	-	-	-	-	180	-	-	-	-	-	-	-	-	-	14[#2]	-	15	-	-	-	<0.5	-	14	-	77
28731-40	BH5	BH5	0-0.2	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	8.9	-	-	-	-	45	-	-	-	-	-	-	-	-	-	69[#2]	-	80	-	-	-	<0.5	-	69	-	42
28731-46	BH5	BH5	4.8-5	06-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	10	-	-	-	-	20	-	-	-	-	-	-	-	-	-	4[#2]	-	10	-	-	-	<0.5	-	4	-	34
28731-49	AD2	AD2		06-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	10	-	-	-	-	17	-	-	-	-	-	-	-	-	-	9[#2]	-	8	-	-	-	<0.5	-	9	-	43
28731-5	GW1	GW1	2.8-3	06-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	7.3	-	-	-	-	170	-	-	-	-	-	-	-	-	-	18[#2]	-	7	-	-	-	14	-	18	-	390
28731-8	GW2	GW2	0.2-0.4	06-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	7.8	-	-	-	-	19	-	-	-	-	-	-	-	-	-	11[#2]	-	5	-	-	-	<0.5	-	11	-	47
29052-10	WS3	WS3	1.3-1.4	14-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	17	-	-	-	-	180	-	-	-	-	-	-	-	-	-	19[#2]	-	7	-	-	-	<0.5	-	11	-	11
29052-12	WS4	WS4	0.3-0.4	20-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	12	-	-	-	-	45	-	-	-	-	-	-	-	-	-	22[#2]	-	7	-	-	-	0.6	-	22	-	45
29052-16	WS5	WS5	0.2-0.3	20-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	10	-	-	-	-	39	-	-	-	-	-	-	-	-	-	10[#2]	-	10	-	-	-	<0.5	-	10	-	39
29052-19	WS6	WS6	0-0.1	20-May-09	0	<25	<50	180	100	330[#3]	<0.5	<1	<0.5	<2	<1	-	-	6.3	-	-	-	-	18	-	-	-	-	-	-	-	-	-	18[#2]	-	14	-	-	-	<0.5	-	18	-	62
29052-2	WS1	WS1	0.6-0.7	14-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	24	-	-	-	-	270	-	-	-	-	-	-	-	-	-	3300[#2]	-	200	-	-	-	3.1	-	3300	-	520
29052-22	WS7	WS7	0.2-0.3	14-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	15	-	-	-	-	-	-	-	-	-	5[#2]	-	6	-	-	-	<0.5	-	5	-	43
29052-24	WS8	WS8	0.2-0.3	14-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	11	-	-	-	-	5	-	-	-	-	-	-	-	-	-	2[#2]	-	<4	-	-	-	<0.5	-	2	-	11
29052-28	WS9	WS9	0-0.1	20-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	17	-	-	-	-	12	-	-	-	-	-	-	-	-	-	11[#2]	-	7	-	-	-	<0.5	-	11	-	11
29052-29	WS9	WS9	0.6-0.7	20-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	12	-	-	-	-	45	-	-	-	-	-	-	-	-	-	22[#2]	-	7	-	-	-	0.6	-	22	-	45
29052-32	WS10	WS10	0-0.1	20-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	10	-	-	-	-	39	-	-	-	-	-	-	-	-	-	10[#2]	-	10	-	-	-	<0.5	-	10	-	39
29052-35	WS11	WS11	0.2-0.3	14-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	6.2	-	-	-	-	13	-	-	-	-	-	-	-	-	-	18[#2]	-	14	-	-	-	<0.5	-	18	-	62
29052-37	BH3	BH3	0-0.1	20-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	15	-	-	-	-	9	-	-	-	-	-	-	-	-	-	5[#2]	-	8	-	-	-	<0.5	-	5	-	25
29052-38	BH3	BH3	0.5-0.6	20-May-09	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-39	BH3	BH3	0.9-1	20-May-09	-	<25	<50	110	<100	260[#3]	<0.5	<1	<0.5	<2	<1	-	-	11	-	-	-	-	18	-	-	-	-	-	-	-	-	-	12[#2]	-	19	-	-	-	<0.5	-	6	-	19
29052-40	AD1	AD1		14-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	18	-	-	-	-	18	-	-	-	-	-	-	-	-	-	8[#2]	-	9	-	-	-	<0.5	-	8	-	13
29052-41	AD2	AD2		20-May-09	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	16	-	-	-	-	26	-	-	-	-	-	-	-	-	-	18[#2]	-	5	-	-	-	<0.5	-	18	-	37
29052-5	WS2	WS2	0.3-0.4	20-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	7	-	-	-	-	12	-	-	-	-	-	-	-	-	-	6[#2]	-	5	-	-	-	<0.5	-	6	-	21
29052-7	WS3	WS3	0.2-0.3	14-May-09	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.3	-	-	-	-	14	-	-	-	-	-	-	-	-	-	25[#2]	-	6	-	-	-	<0.5	-	25	-	42
29052-A-20	WS6	WS6	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-21	WS6	WS6	0.7-0.8	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-1	TP01	TP01	0.1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	7.8	-	-	-	-	24	<1	<1	<1	<1	<1	<1	<1	<1	<1	10[#2]	-	8	-	1	-	<0.5	-	10	16	48
53287-11	TP03	TP03	1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	30	<1	<1	<1	<1	<1	<1	<1	<1	<1	14[#2]	-	8	-	<1	-	<0.5	-	14	7	31
53287-12	TP03	TP03	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	45	-	-	-	-	-	-	-	-	-	15[#2]	-	9	-	2	-	<0.5	-	15	23	40
53287-17	TP04	TP04	1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	13	-	-	-	-	18	<1	<1	<1	<1	<1	<1	<1	<1	<1	19[#2]	-	12	-	1	-	<0.5	-	19	22	38
53287-23	TP05	TP05	1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	9.6	<0.5	-	98	180	12	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#3]	-	9	-	<1	-	<0.5	<1	5	4	23
53287-26	TP05	TP05	2.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	12	-	-	-	-	-	-	-	-	-	15[#2]	-	8	-	<1	-	<0.5	-	15	5	17
53287-27	TP06	TP06	0.1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-29	TP06	TP06	1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	8.5	-	-	-	-	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	7[#2]	-	6	-	2	-	<0.5	-	7	540	39
53287-30	TP06	TP06	1.5	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.9	-	-	-	-	55	<1	<1	<1	<1	<1	<1	<1	<1	<1	9[#2]	-	14	-	1	-	<0.5	-	9	15	140
53287-32	QA01	TP06		22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.8	-	-	-	-	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	6[#2]	-	5	-	2	-	<0.5	-	6	62	30
53287-7	TP02	TP02	0.5	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	13	-	-	-	-	22	<1	<1	<1	<1	<1	<1	<1	<1	<1	14[#2]	-	11	-	<1	-	<0.5	-	14	21	40
53321-10	HA18	HA18	0.35	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	21	-	-	-	-	22	<1	<1	<1	<1	<1	<1	<1	<1	<1	8[#2]	-	11	-	1	-	<0.5	-	8	25	65
53321-11	HA18	HA18	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	17	-	-	-	-	-	-	-	-	-	11[#2]	-	10	-	<1	-	<0.5	-	11	14	45
53321-13	HA19	HA19	0.4	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	18	8.6	-	270	290	24	<1	<1	<1	<1	<1	<1	<1	<1	<1	5[#3]	-	8	-	1	-	<0.5	<1	6	17	38
53321-15	HA19	HA19	0.9	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	13	-	-	-	-	-	-	-	-	-	7[#2]	-	<4	-	2	-	<0.5	-	7	8	59
53321-16	HA23	HA23	0.3	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	12	<0.5	-	240	440	19	<1	<1	<1	<1	<1	<1	<1	<1	<1	6[#3]	-	12	-	<1	-	<0.5	<1	7	17	40
53321-18	HA24	HA24	0.4	22-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	17	-	-	-	-	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	16[#2]	-	8	-	4	-	<0.5	-	16	25	46
53321-19	HA25	HA25	0.2	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	12	-	-	-	-	21	<1	<1	<1	<1	<1	<1	<1	<1	<1	7[#2]	-	9	-	1	-	<0.5	-	7	15	71
53321-2	HA04	HA04	0.4	22-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	7.1	3	-	310	460	21	<1	<1	<1	<1	<1	<1	<1	<1	<1	2[#3]	<1	3	19	1	60	<0.5	<1	3	19	60
53321-20	HA25	HA25	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	17	-	-	-	-	-	-	-	-	-	7[#2]	-	8	-	<1	-	<0.5	-	7	5	38
53321-23	TP09	TP09	0.5	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	38	<0.5	-	32	110	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#3]	-	<4	-	3	-	<0.5	<1	5	4	23
53321-24	TP09	TP09	1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	16	-	-	-	-	12	<1	<1	<1	<1	<1	<1	<1	<1	<1	5[#2]	-	5	-	<1	-	<0.5	-	5	<1	16
53321-3	HA05	HA05	0.25	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	22	20	-	280	320	9	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#3]	-	<4	-	<1	-	<0.5	<1	5	3	22
53321-4	HA05	HA05	0.5	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	10	-	-	-	-	13	<1	<1	<1	<1	<1	<1	<1	<1	<1	8[#2]	-	5	-	1	-	<0.5	-	8	6	29
53321-7	HA13	HA13	1	22-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	2.6	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3[#2]	-	<4	-	<1	-	<0.5	-	3	<1	<1
53321-9	HA17	HA17	0.25	22-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	7.9	-	-	-	-	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	9[#2]	-	10	-	<1	-	<0.5	-	9	9	38
53366-1	TP45	TP45	0.1	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	17	-	-	-	-	37	<1	<1	<1	<1	<1	<1	<1	<1	<1	14[#2]	-	11	-	<1	-	<0.5	-	14	15	36
53366-11	HA32	HA32	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	17	-	-	-	-	-	-	-	-	-	8[#2]	-	8	-	<1	-	<0.5	-	8	5	35
53366-12	HA29	HA29	0.13	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-	-	-	4	-	-	-	-	-	-	-	-	-	22[#2]	-	<4	-	<1	-	<0.5	-	22	48	61
53366-14	HA29	HA29	0.6	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	11	-	<0.1	80	360	19	<1	<1	<1	<1	<1	<1	<1	<1	<1	11[#3]	-	6	-	<1	-	<0.5	<1	12	6	38
53366-16	HA30	HA30	0.16	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	27	<1	<1	<1	<1	<1	<1	<1	<1	<1	17[#2]	-	14	-	1	-	<0.5	-	17	27	41
53366-2	TP45	TP45	0.5	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.6	-	-	-	-	19	<1	<1	<1	<1	<1	<1	<1	<1	<1	26[#2]	-	13	-	<1	-	<0.5	-	26	5	13
53366-20	HA36	HA36	0.2	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.3	-	-	-	-	19	<1	<1	<1	<1	<1	<1	<1	<1	<1	8[#2]	-	8	-	1	-	<0.5	-	8	19	35

Attachment C
Table C1
Soil Analytical Results

		Asbestos	TPH					BTEX					Inorganics							Lead	MAH											Metals								
		Asbestos fibres	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Cyanide (Free)	Cyanide Total	Moisture	Nitrate (as N)	Nitrite (as N)	Sulphate	Sulphur as S	Lead	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Chromium (III) - Calc	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Cobalt	Copper
		-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			10	50	100	100		0.2	0.5	0.5	0.5	0.5		0.5	0.1	0.1	0.1	2	10	1	1	1	1	1	1	1	1	1	1		5	4		1		0.5	0.5	1	1	1
USEPA Regional Screening Levels - residential soils																																15,000								
NEPM 2013 Conservative EIL-Commercial/Industrial																				1800									310		160								85
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																				1100									190		100								60
NEPM 2013 ESL Urban residential and public open space, Coarse Soil								50[#1]	70	85																													
NEPM 2013 HIL Commercial/industrial D Soil													1500							1500											3000		500	300,000	900	3600	3600	4000	240,000
NEPM 2013 HIL Recreational C Soil													240							600											300		90	20,000	90	300	300	300	17,000
NEPM 2013 HIL Residential A Soil													**250**							**300**											**100**		**60**	**4500**	**20**	**100**	**100**	**100**	**6000**
NEPM 2013 HIL Residential B Soil													300							1200											500		90	40,000	150	500	500	600	30,000
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand			*45*	*110*				*0.5*	*55*	*160*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand			*70*	*240*				*0.5*	*NL*	*220*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand			*110*	*440*				*0.5*	*NL*	*310*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand			*200*	*NL*				*0.5*	*NL*	*540*																												
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil			7000	1000	2500	10,000																																
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																		
53366-25	HA31	HA31	0.2	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	8.1	-	-	-	-	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	23[#2]	-	<4	-	<1	-	<0.5	-	23	31	90
53366-27	HA31	HA31	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	16	-	-	-	-	-	-	-	-	-	10[#2]	-	8	-	1	-	<0.5	-	10	13	37
53366-29	QA03	HA31		23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	8.9	-	-	-	-	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	32[#2]	-	<4	-	<1	-	<0.5	-	32	34	73
53366-31	HA35	HA35	0.22	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	16	-	3.2	50	290	18	<1	<1	<1	<1	<1	<1	<1	<1	<1	8[#3]	-	5	-	<1	-	<0.5	<1	9	21	30
53366-32	HA35	HA35	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	11	-	-	-	-	-	-	-	-	-	8[#2]	-	5	-	<1	-	<0.5	-	8	4	41
53366-35	HA34	HA34	0.15	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	4	-	-	-	-	-	-	-	-	-	22[#2]	-	<4	-	<1	-	<0.5	-	22	47	65
53366-37	HA34	HA34	0.45	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	20	-	-	-	-	30	<1	<1	<1	<1	<1	<1	<1	<1	<1	11[#2]	-	10	-	1	-	<0.5	-	11	10	35
53366-39	HA34	HA34	1.6	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-8	HA32	HA32	1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	16	-	-	-	-	-	-	-	-	-	4[#2]	-	<4	-	<1	-	<0.5	-	4	4	24
53366-9	HA32	HA32	0.12	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	13	-	-	-	-	11	<1	<1	<1	<1	<1	<1	<1	<1	<1	40[#2]	-	<4	-	<1	-	<0.5	-	40	15	26
53406-1	TP21	TP21	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	17	-	-	-	-	-	-	-	-	-	7[#2]	-	5	-	<1	-	<0.5	-	7	16	27
53406-10	TP29	TP29	1	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	10	-	-	-	-	15	-	-	-	-	-	-	-	-	-	4[#2]	-	15	-	<1	-	<0.5	-	4	4	29
53406-12	TP30	TP30	0.1	24-Mar-11	0	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	27	-	-	-	-	-	-	-	-	-	11[#2]	-	6	-	<1	-	<0.5	-	11	3	20
53406-14	TP30	TP30	1	24-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	8.2	<0.5	-	3	120	28	<1	<1	<1	<1	<1	<1	<1	<1	<1	10[#3]	-	6	-	<1	-	<0.5	<1	11	9	24
53406-15	TP30	TP30	2	24-Mar-11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-16	TP31	TP31	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-17	TP31	TP31	0.5	24-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	7.9	-	-	-	-	9	<1	<1	<1	<1	<1	<1	<1	<1	<1	2[#2]	-	<4	-	<1	-	<0.5	-	2	1	15
53406-19	TP31	TP31	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-	58	-	-	-	-	-	-	-	-	-	8[#2]	-	10	-	1	-	<0.5	-	8	14	80
53406-2	TP25	TP25	0.5	24-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	6[#2]	-	6	-	<1	-	<0.5	-	6	15	25
53406-22	TP32	TP32	1	24-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	8.2	-	-	-	-	21	-	-	-	-	-	-	-	-	-	19[#2]	-	13	-	<1	-	<0.5	-	19	9	35
53406-23	TP32	TP32	2	24-Mar-11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-24	TP35	TP35	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-	7	-	-	-	-	-	-	-	-	-	10[#2]	-	<4	-	<1	-	<0.5	-	10	36	73
53406-26	TP35	TP35	0.5	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	11	-	-	-	-	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#2]	-	9	-	<1	-	<0.5	-	4	4	40
53406-29	TP43	TP43	0.1	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	8.9	-	-	-	-	35	-	-	-	-	-	-	-	-	-	43[#2]	-	4	-	<1	-	<0.5	-	43	26	63
53406-30	TP43	TP43	0.5	24-Mar-11	-	<25	<50	190	<100	340[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	17	<0.5	-	2	180	30	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#3]	-	5	-	<1	-	<0.5	<1	5	<1	50
53406-34	HA06	HA06	0.5	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	18	-	-	-	-	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	21[#2]	-	8	-	<1	-	<0.5	-	21	3	15
53406-38	HA14	HA14	0.23	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	11	-	-	-	-	8	<1	<1	<1	<1	<1	<1	<1	<1	<1	3[#2]	-	<4	-	<1	-	<0.5	-	3	<1	17
53406-39	HA14	HA14	0.4	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	-	-	-	-	24	-	-	-	-	-	-	-	-	-	2[#2]	-	<4	-	<1	-	<0.5	-	2	<1	12
53406-40	HA27	HA27	0.14	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	16	-	-	-	-	17	-	-	-	-	-	-	-	-	-	8[#2]	-	6	-	<1	-	<0.5	-	8	9	30
53406-41	HA28	HA28	0.22	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	22	-	-	-	-	29	<1	<1	<1	<1	<1	<1	<1	<1	<1	17[#2]	-	5	-	<1	-	<0.5	-	17	3	34
53406-43	HA37	HA37	0.15	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	12	-	-	-	-	10	-	-	-	-	-	-	-	-	-	7[#2]	-	4	-	<1	-	<0.5	-	7	25	48
53406-44	HA37	HA37	0.3	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	15	-	-	-	-	-	-	-	-	-	4[#2]	-	10	-	1	-	<0.5	-	4	13	58
53406-47	HA41	HA41	0.5	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	4.9	-	-	-	-	7	-	-	-	-	-	-	-	-	-	15[#2]	-	<4	-	<1	-	<0.5	-	15	20	58
53406-5	TP28	TP28	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	-	-	17	-	-	-	-	-	-	-	-	-	3[#2]	-	10	-	<1	-	<0.5	-	3	2	26
53406-50	HA39	HA39	0.6	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	8.9	-	-	-	-	28	-	-	-	-	-	-	-	-	-	16[#2]	-	5	-	<1	-	<0.5	-	16	2	29
53406-52	HA42	HA42	0.5	24-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	12	-	-	-	-	20	-	-	-	-	-	-	-	-	-	13[#2]	-	43	-	<1	-	<0.5	-	13	16	43
53406-54	QA05	TP30		24-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	8.3	-	-	-	-	23	-	-	-	-	-	-	-	-	-	10[#2]	-	7	-	<1	-	<0.5	-	10	10	34
53406-6	TP28	TP28	2	24-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	12	-	-	-	-	13	-	-	-	-	-	-	-	-	-	3[#2]	-	5	-	<1	-	<0.5	-	3	2	26
53406-8	TP29	TP29	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-10	TP19	TP19	0.5	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	16	-	-	-	-	29	<1	<1	<1	<1	<1	<1	<1	<1	<1	8[#2]	-	9	-	<1	-	<0.5	-	8	33	38
53427-11	TP18	TP18	0.5	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	11	-	-	-	-	8	-	-	-	-	-	-	-	-	-	5[#2]	-	<4	-	<1	-	<0.5	-	5	3	17
53427-12	TP17	TP17	0.5	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	12	-	-	-	-	14	<1	<1	<1	<1	<1	<1	<1	<1	<1	6[#2]	-	8	-	<1	-	<0.5	-	6	3	22
53427-13	TP16	TP16	0.5	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	14	-	-	-	-	13	-	-	-	-	-	-	-	-	-	6[#2]	-	11	-	<1	-	<0.5	-	6	7	21
53427-14	TP15	TP15	0.5	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	9.9	-	-	-	-	18	<1	<1	<1	<1	<1	<1	<1	<1	<1	8[#2]	-	10	-	<1	-	<0.5	-	8	18	30
53427-16	TP14	TP14	0.1	23-Mar-11	0	<25	<50	140	<100	290[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	17	<0.5	-	15	260	43	<1	<1	<1	<1	<1	<1	<1	<1	<1	6[#3]	-	5	-	2	-	<0.5	<1	7	32	27
53427-17	TP14	TP14	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	12	-	-	-	-	-	-	-	-	-	14[#2]	-	16	-	<1	-	<0.5	-	14	2	22
53427-18	TP13	TP13	0.1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-19	TP13	TP13	0.5	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	9.5	-	-	-	-	14	-	-	-	-	-	-	-	-	-	20[#2]	-	9	-	<1	-	<0.5	-	20	4	9
53427-2	TP12	TP12	0.5	23-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	15	-	-	-	-	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	17[#2]	-	7	-	<1	-	<0.5	-	17	3	19
53427-5	TP11	TP11	0.5	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	15	-	-	-	-	13	-	-	-	-	-	-	-	-	-	11[#2]	-	7	-	<1	-	<0.5	-	11	2	14
53427-6	TP10	TP10	0.1	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	15	-	-	-	-	44	<1	<1	<1	<1	<1	<1	<1	<1	<1	12[#2]	-	6	-	2	-	<0.5	-	12	28	55
53427-8	TP08	TP08	0.5	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	12	-	-	-	-	14	-	-	-	-	-	-	-	-	-	9[#2]	-	10	-	<1	-	<0.5	-	9	4	22
53427-9	TP07	TP07	0.5	23-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	12	-	-	-	-	8	<1	<1	<1	<1	<1	<1	<1	<1	<1	5[#2]	-	<4	-	<1	-	<0.5	-	5	1	8
53456-1	TP33	TP33	0.5	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	7.3	-	-	-	-	18	-	-	-	-	-	-	-	-	-	5[#2]	<7	11	-	<1	-	<0.5	-	5	4	33
53456-11	TP34	TP34	1	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	11	-	-	-	-	22	-	-	-	-	-	-	-	-	-	13[#2]	<7	38	-	<1	-	<0.5	-	13	9	22
53456-14	TP38	TP38	0.5	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	10	-	-	-	-	18	-	-	-	-	-	-	-	-	-	5[#2]	<7	87	-	3	-	0.9	-	5	35	42
53456-15	TP38	TP38	1	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	11	-	-	-	-	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#2]	<7	21	-	1	-	<0.5	-	4	17	42
53456-16	TP38	TP38	2	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	14	-	-	-	-	28	-	-	-	-	-	-	-	-	-	4[#2]	<7	10	-	<1	-	<0.5	-	4	3	32
53456-17	TP40	TP40	0.5	25-Mar-11	0	<25	<50	170	<100	320[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	13	34	-	290	220	160	<1	<1	<1	<1	<1	<1	<1	<1	<1	13[#3]	<7	8	-	<1	-	<0.5	<1	14	8	51
53456-18	TP40	TP40	1	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	8.8	45	-	160	170	18	<1	<1	<1	<1	<1	<1	<1	<1	<1	7[#3]	<7	8	-	<1	-	<0.5	<1	8	25	26
53456-19	TP40	TP40	2	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	12	-	-	-	-	45	-	-	-	-	-	-	-	-	-	8[#2]	<7	6	-	1	-	<0.5	-	8	29	52
53456-2	TP33	TP33	1	25-Mar-11	0	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	47	-	-	-	-	-	-	-	-	-	9[#2]	<7	20	-	<1	-	<0.5	-	9	8	39
53456-20	HA40	HA40	0.1	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-
53456-21	HA40	HA40	0.3	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	16	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-
53456-22	HA40	HA40	0.5	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	13	-	-	-	-	21	<1	<1	<1	<1	<1	<1	<1	<1	<1	9[#2]	<7	5	-	<1	-	<0.5	-	9	<1	15
53456-23	HA40	HA40	0.9	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	14	-	-	-	-	14	<1	<1	<1	<1	<1	<1	<1	<1	<1	5[#2]	<7	<4	-	<1	-	<0.5	-	5	<1	14

Attachment C
Table C1
Soil Analytical Results

	Asbestos	TPH					BTEX					Inorganics							Lead	MAH										Metals								
	Asbestos fibres	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Cyanide (Free)	Cyanide Total	Moisture	Nitrate (as N)	Nitrite (as N)	Sulphate	Sulphur as S	Lead	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Chromium (III) - Calc	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Cobalt	Copper
	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		10	50	100	100		0.2	0.5	0.5	0.5	0.5		0.5	0.1	0.1	0.1	2	10	1	1	1	1	1	1	1	1	1	1		5	4		1		0.5	0.5	1	1	1
USEPA Regional Screening Levels - residential soils																															15,000							
NEPM 2013 Conservative EIL-Commercial/Industrial																			1800									310		160								85
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																			1100									190		100								60
NEPM 2013 ESL Urban residential and public open space, Coarse Soil							50[#1]	70	85																												
NEPM 2013 HIL Commercial/industrial D Soil												1500							1500											3000		500	300,000	900	3600	3600	4000	240,000
NEPM 2013 HIL Recreational C Soil												240							600											300		90	20,000	90	300	300	300	17,000
NEPM 2013 HIL Residential A Soil												**250**							**300**											**100**		**60**	**4500**	**20**	**100**	**100**	**100**	**6000**
NEPM 2013 HIL Residential B Soil												300							1200											500		90	40,000	150	500	500	600	30,000
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand		*45*	*110*				*0.5*	*55*	*160*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand		*70*	*240*				*0.5*	*NL*	*220*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand		*110*	*440*				*0.5*	*NL*	*310*																												
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand		*200*	*NL*				*0.5*	*NL*	*540*																												
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil		7000	1000	2500	10,000																																

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date																																			
53456-24	HA33	HA33	0.1	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	17	-	-	-	-	94	<1	<1	<1	<1	<1	<1	<1	<1	<1	16[#2]	<7	10	-	<1	-	<0.5	-	16	6	59
53456-25	HA33	HA33	0.4	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	21	-	-	-	-	21	-	-	-	-	-	-	-	-	-	16[#2]	<7	7	-	<1	-	<0.5	-	16	3	23
53456-27	HA44	HA44	0.27	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	17	<0.5	-	14	130	21	<1	<1	<1	<1	<1	<1	<1	<1	<1	1[#3]	<7	<4	-	<1	-	<0.5	<1	2	<1	16
53456-28	HA44	HA44	0.35	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	29	-	-	-	-	-	-	-	-	-	10[#2]	<7	9	-	<1	-	<0.5	-	10	3	41
53456-29	HA26	HA26	0.45	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	22	22	-	99	130	21	<1	<1	<1	<1	<1	<1	<1	<1	<1	9[#3]	<7	11	-	<1	-	<0.5	<1	10	2	48
53456-30	QA07	TP39		25-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	11	-	-	-	-	11	-	-	-	-	-	-	-	-	-	8[#2]	<7	12	-	<1	-	<0.5	-	8	27	18
53456-31	QA08	TP39		25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	18	-	-	-	-	10	<1	<1	<1	<1	<1	<1	<1	<1	<1	2[#2]	<7	<4	-	<1	-	<0.5	-	2	2	22
53456-32	QA10	HA44		25-Mar-11	-	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	15	-	-	-	-	16	<1	<1	<1	<1	<1	<1	<1	<1	<1	2[#2]	<7	<4	-	<1	-	<0.5	-	2	<1	22
53456-5	TP39	TP39	0.5	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	<0.5	17	<0.5	-	200	280	14	<1	<1	<1	<1	<1	<1	<1	<1	<1	4[#3]	<7	16	-	<1	-	<0.5	<1	5	28	35
53456-6	TP39	TP39	1	25-Mar-11	0	<25	<50	<100	<100	<250[#3]	<0.5	<1	<0.5	<2	<1	-	-	19	-	-	-	-	13	<1	<1	<1	<1	<1	<1	<1	<1	<1	3[#2]	<7	6	-	<1	-	<0.5	-	3	6	23
53456-7	TP39	TP39	1.9	25-Mar-11	-	<25	<50	<100	<100	<250[#3]	-	-	-	-	-	-	-	20	-	-	-	-	16	-	-	-	-	-	-	-	-	-	7[#2]	<7	6	-	2	-	<0.5	-	7	28	27
53456-9	TP34	TP34	0.2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	31	-	-	-	-	-	-	-	-	-	22[#2]	<7	14	-	<1	-	<0.5	-	22	21	41
ES1106282001	QA02	TP09		22-Mar-11	-	<10	<50	<100	<100	<50[#3]	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<1	41.1	0.1	-	<50	100	17	-	-	-	-	-	-	-	-	-	7.5[#3]	<5	<5	60	3	<50	<1	<0.5	8	4	22
ES1106469001	QA06	HA33		25-Mar-11	-	<10	<50	<100	<100	<50[#3]	-	-	-	-	-	-	-	20.6	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	8	-	<1	-	<1	-	-	3	23
ES1106469002	QA09	TP34		25-Mar-11	-	<10	<50	<100	<100	<50[#3]	-	-	-	-	-	-	-	11.5	-	-	-	-	29	-	-	-	-	-	-	-	-	-	-	-	112	-	<1	-	<1	-	-	9	24

Statistical Summary

Number of Results	48	116	116	116	116	116	90	90	90	90	90	1	17	144	15	2	17	17	135	59	59	59	59	59	59	59	59	59	133	24	135	1	105	1	135	17	133	105	135
Number of Detects	48	0	0	5	1	5	0	0	0	0	0	0	0	144	7	1	16	17	134	0	0	0	0	0	0	0	0	0	133	0	109	1	27	0	5	0	133	96	134
Minimum Concentration	0	<10	<50	<100	<100	<50	<0.2	<0.5	<0.5	<0.5	<0.5	<1	<0.5	2.6	0.1	<0.1	2	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<5	<4	60	<1	<50	<0.5	<0.5	2	<1	<1
Minimum Detect	ND	ND	ND	110	100	260	ND	ND	ND	ND	ND	ND	ND	2.6	0.1	3.2	2	100	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	4	60	1	ND	0.6	ND	2	1	8
Maximum Concentration	0	<25	<50	190	100	340	<0.5	<1	<0.5	<2	<1	<1	<1	43	45	3.2	310	460	270	<1	<1	<1	<1	<1	<1	<1	<1	<1	3300	<7	200	60	4	<50	14	<1	3300	540	520
Maximum Detect	ND	ND	ND	190	100	340	ND	ND	ND	ND	ND	ND	ND	43	45	3.2	310	460	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	3300	ND	200	60	4	ND	14	ND	3300	540	520
Average Concentration	0	12	25	55	50	130	0.25	0.5	0.25	0.99	0.5		0.26	14	9		128	238	27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	37	3.5	12		0.78		0.39	0.49	37	18	42
Median Concentration	0	12.5	25	50	50	125	0.25	0.5	0.25	1	0.5	0.5	0.25	12	0.25	1.625	98	220	18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	9	3.5	8	60	0.5	25	0.25	0.5	9	9	35
Standard Deviation	0	1.2	0	23	4.6	42	0.016	0.026	0	0.079	0.026		0.061	5.8	14		114	113	36	0	0	0	0	0	0	0	0	0	286	0.2	22		0.64		1.2	0.061	286	53	55
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	2	1	14
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	2	1	14

Env Stds Comments
#1:Changed from 10 mg/kg as per ERRATA Update 29 July 2013
#2:Changed from 0.7 mg/kg as per ERRATA Update 29 July 2013

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1. Some analytes are reported multiple times; the lowest non-detect or the highest detect is used. Some Analytes are missing from this Combined Compound.
#2 Combined by ESDAT using a Non-Detect Multiplier of 1. Some Analytes are missing from this Combined Compound.
#3 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C1
Soil Analytical Results

											Nitroaromatics	Organochlorine Pesticides																				Organophosphorous Pesticides							
	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Selenium	Tin	Vanadium	Zinc	Pentachloronitrobenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dimethoate	Ethion	Ethyl methanesulfonate	Fenitrothion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	0.1	1	1	2	2	1	1	1	1	0.05	0.05	0.05	0.05	1	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1
USEPA Regional Screening Levels - residential soils								390																																
NEPM 2013 Conservative EIL-Commercial/Industrial				55					110											640																				
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space				30					70											180																				
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																							
NEPM 2013 HIL Commercial/industrial D Soil	60,000	730		6000		10,000			400,000						530										100				50		80	2500		2000						
NEPM 2013 HIL Recreational C Soil	19,000	80		1200		700			30,000						70										20				10		10	400		250						
NEPM 2013 HIL Residential A Soil	**3800**	**40**		**400**		**200**			**7400**						**50**										**10**				**6**		**10**	**300**		**160**						
NEPM 2013 HIL Residential B Soil	14,000	120		1200		1400			60,000						90										20				10		15	500		340						
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																							
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																							
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																							
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																							
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																				
28731-1	GW1	GW1	0-0.2	06-May-09	-	<0.1	-	7	-	-	-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-10	GW2	GW2	1-1.2	06-May-09	-	<0.1	-	13	-	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-14	GW3	GW3	0-0.2	06-May-09	-	<0.1	-	4	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-20	GW4	GW4	0-0.2	05-May-09	-	<0.1	-	26	-	-	-	-	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-26	GW5	GW5	0-0.2	06-May-09	-	<0.1	-	32	-	-	-	-	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-30	BH1	BH1	0.1-0.3	06-May-09	-	<0.1	-	20	-	-	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-33	BH4	BH4	0.1-0.3	06-May-09	-	<0.1	-	64	-	-	-	-	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-38	BH4	BH4	3.8-4	06-May-09	-	<0.1	-	29	-	-	-	-	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-40	BH5	BH5	0-0.2	06-May-09	-	<0.1	-	66	-	-	-	-	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-46	BH5	BH5	4.8-5	06-May-09	-	<0.1	-	3	-	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-49	AD2	AD2		06-May-09	-	<0.1	-	35	-	-	-	-	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-5	GW1	GW1	2.8-3	06-May-09	-	<0.1	-	20	-	-	-	-	1700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-8	GW2	GW2	0.2-0.4	06-May-09	-	<0.1	-	43	-	-	-	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-10	WS3	WS3	1.3-1.4	14-May-09	-	<0.1	-	9	-	-	-	-	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-12	WS4	WS4	0.3-0.4	20-May-09	-	<0.1	-	20	-	-	-	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-16	WS5	WS5	0.2-0.3	20-May-09	-	<0.1	-	79	-	-	-	-	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-19	WS6	WS6	0-0.1	20-May-09	-	0.4	-	75	-	-	-	-	2300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-2	WS1	WS1	0.6-0.7	14-May-09	-	<0.1	-	4	-	-	-	-	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-22	WS7	WS7	0.2-0.3	14-May-09	-	<0.1	-	1	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-24	WS8	WS8	0.2-0.3	14-May-09	-	<0.1	-	1	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-28	WS9	WS9	0-0.1	20-May-09	-	<0.1	-	21	-	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-29	WS9	WS9	0.6-0.7	20-May-09	-	<0.1	-	9	-	-	-	-	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-32	WS10	WS10	0-0.1	20-May-09	-	<0.1	-	40	-	-	-	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-35	WS11	WS11	0.2-0.3	14-May-09	-	<0.1	-	2	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-37	BH3	BH3	0-0.1	20-May-09	-	<0.1	-	45	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-38	BH3	BH3	0.5-0.6	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-39	BH3	BH3	0.9-1	20-May-09	-	<0.1	-	1	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-40	AD1	AD1		14-May-09	-	<0.1	-	1	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-41	AD2	AD2		20-May-09	-	<0.1	-	22	-	-	-	-	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-5	WS2	WS2	0.3-0.4	20-May-09	-	<0.1	-	14	-	-	-	-	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-7	WS3	WS3	0.2-0.3	14-May-09	-	<0.1	-	27	-	-	-	-	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-20	WS6	WS6	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-21	WS6	WS6	0.7-0.8	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-1	TP01	TP01	0.1	22-Mar-11	310	<0.1	<1	22	-	-	<1	27	82	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53287-11	TP03	TP03	1	22-Mar-11	160	<0.1	<1	7	-	-	<1	36	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-12	TP03	TP03	0.5	22-Mar-11	660	<0.1	<1	17	-	-	<1	29	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-17	TP04	TP04	1	22-Mar-11	450	<0.1	<1	33	-	-	1	30	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-23	TP05	TP05	1	22-Mar-11	57	<0.1	<1	4	44	-	<1	13	23	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53287-26	TP05	TP05	2.5	22-Mar-11	44	<0.1	<1	5	-	-	2	46	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-27	TP06	TP06	0.1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
53287-29	TP06	TP06	1	22-Mar-11	2900	0.1	<1	75	-	-	<1	17	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-30	TP06	TP06	1.5	22-Mar-11	300	<0.1	<1	15	-	-	2	18	180	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53287-32	QA01	TP06		22-Mar-11	780	0.1	<1	22	-	-	<1	14	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-7	TP02	TP02	0.5	22-Mar-11	690	<0.1	<1	28	-	-	<1	29	70	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
53321-10	HA18	HA18	0.35	22-Mar-11	1100	<0.1	<1	35	-	-	<1	24	130	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53321-11	HA18	HA18	0.5	22-Mar-11	570	<0.1	<1	21	-	-	<1	18	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-13	HA19	HA19	0.4	22-Mar-11	350	<0.1	<1	9	200	-	<1	31	54	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53321-15	HA19	HA19	0.9	22-Mar-11	42	<0.1	<1	11	-	-	<1	25	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-16	HA23	HA23	0.3	22-Mar-11	780	<0.1	<1	21	260	-	<1	17	96	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53321-18	HA24	HA24	0.4	22-Mar-11	650	<0.1	<1	27	-	-	<1	23	120	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
53321-19	HA25	HA25	0.2	22-Mar-11	240	<0.1	<1	18	-	-	<1	29	130	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53321-2	HA04	HA04	0.4	22-Mar-11	110	0.2	<1	16	76	-	<1	6	360	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53321-20	HA25	HA25	0.5	22-Mar-11	19	<0.1	<1	5	-	-	<1	13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-23	TP09	TP09	0.5	22-Mar-11	35	<0.1	<1	16	210	-	<1	24	37	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53321-24	TP09	TP09	1	22-Mar-11	9	<0.1	<1	<1	-	-	<1	20	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-3	HA05	HA05	0.25	22-Mar-11	160	<0.1	<1	17	330	-	2	14	11	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53321-4	HA05	HA05	0.5	22-Mar-11	64	<0.1	<1	13	-	-	<1	12	94	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53321-7	HA13	HA13	1	22-Mar-11	14	<0.1	<1	1	-	-	<1	3	2	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53321-9	HA17	HA17	0.25	22-Mar-11	450	<0.1	<1	14	-	-	<1	18	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-1	TP45	TP45	0.1	23-Mar-11	320	<0.1	<1	27	-	-	1	56	91	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
53366-11	HA32	HA32	0.4	23-Mar-11	27	<0.1	<1	4	-	-	<1	22	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-12	HA29	HA29	0.13	23-Mar-11	650	<0.1	<1	190	-	-	<1	23	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-14	HA29	HA29	0.6	23-Mar-11	30	<0.1	<1	7	110	-	<1	16	62	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<1	-
53366-16	HA30	HA30	0.16	23-Mar-11	460	<0.1	1	28	-	-	1	40	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-2	TP45	TP45	0.5	23-Mar-11	130	<0.1	<1	7	-	-	1	70	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-20	HA36	HA36	0.2	23-Mar-11	430	<0.1	<1	15	-	-	<1	18	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

190 Dunmore St, Wentworthville
Wentworthville ESA

Attachment C
Table C1
Soil Analytical Results

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Selenium	Tin	Vanadium	Zinc	Nitroaromatics: Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	1	1	2	2	1	1	1	1
USEPA Regional Screening Levels - residential soils												390		
NEPM 2013 Conservative EIL-Commercial/Industrial								55					110	
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space								30					70	
NEPM 2013 ESL Urban residential and public open space, Coarse Soil														
NEPM 2013 HIL Commercial/industrial D Soil					60,000	730		6000		10,000			400,000	
NEPM 2013 HIL Recreational C Soil					19,000	80		1200		700			30,000	
NEPM 2013 HIL Residential A Soil					**3800**	**40**		**400**		**200**			**7400**	
NEPM 2013 HIL Residential B Soil					14,000	120		1200		1400			60,000	
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand														
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand														
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand														
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand														
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil														
53366-25	HA31	HA31	0.2	23-Mar-11	640	<0.1	<1	74	-	-	<1	48	55	<1
53366-27	HA31	HA31	0.5	23-Mar-11	170	<0.1	<1	13	-	-	<1	20	85	-
53366-29	QA03	HA31		23-Mar-11	770	<0.1	<1	72	-	-	<1	53	54	-
53366-31	HA35	HA35	0.22	23-Mar-11	360	<0.1	<1	19	140	-	1	18	59	<1
53366-32	HA35	HA35	0.4	23-Mar-11	14	<0.1	<1	4	-	-	<1	8	32	-
53366-35	HA34	HA34	0.15	23-Mar-11	680	<0.1	<1	180	-	-	<1	24	57	-
53366-37	HA34	HA34	0.45	23-Mar-11	750	<0.1	<1	7	-	-	2	30	82	-
53366-39	HA34	HA34	1.6	23-Mar-11	-	-	-	-	-	-	-	-	-	-
53366-8	HA32	HA32	1	23-Mar-11	18	<0.1	<1	3	-	-	<1	12	34	-
53366-9	HA32	HA32	0.12	23-Mar-11	380	<0.1	<1	41	-	-	1	35	48	-
53406-1	TP21	TP21	0.5	24-Mar-11	540	<0.1	<1	10	-	-	<1	17	71	-
53406-10	TP29	TP29	1	24-Mar-11	83	<0.1	<1	2	-	-	<1	12	22	-
53406-12	TP30	TP30	0.1	24-Mar-11	66	<0.1	<1	6	-	-	<1	30	37	-
53406-14	TP30	TP30	1	24-Mar-11	240	<0.1	<1	14	190	-	<1	18	49	<1
53406-15	TP30	TP30	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-
53406-16	TP31	TP31	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-
53406-17	TP31	TP31	0.5	24-Mar-11	12	<0.1	<1	1	-	-	<1	4	11	-
53406-19	TP31	TP31	2	24-Mar-11	460	<0.1	<1	9	-	-	<1	16	88	-
53406-2	TP25	TP25	0.5	24-Mar-11	210	<0.1	<1	6	-	-	<1	19	36	-
53406-22	TP32	TP32	1	24-Mar-11	250	<0.1	<1	22	-	-	<1	16	43	-
53406-23	TP32	TP32	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-
53406-24	TP35	TP35	0.1	24-Mar-11	550	<0.1	<1	120	-	-	<1	20	45	-
53406-26	TP35	TP35	0.5	24-Mar-11	50	<0.1	<1	4	-	-	<1	15	44	-
53406-29	TP43	TP43	0.1	24-Mar-11	610	<0.1	<1	80	-	-	<1	49	56	-
53406-30	TP43	TP43	0.5	24-Mar-11	2	<0.1	<1	<1	68	-	<1	18	11	<1
53406-34	HA06	HA06	0.5	24-Mar-11	42	<0.1	<1	4	-	-	<1	57	20	<1
53406-38	HA14	HA14	0.23	24-Mar-11	5	<0.1	<1	<1	-	-	<1	12	3	-
53406-39	HA14	HA14	0.4	24-Mar-11	<1	<0.1	<1	<1	-	-	<1	8	2	-
53406-40	HA27	HA27	0.14	24-Mar-11	300	<0.1	<1	9	-	-	<1	16	42	-
53406-41	HA28	HA28	0.22	24-Mar-11	40	<0.1	<1	4	-	-	<1	38	24	<1
53406-43	HA37	HA37	0.15	24-Mar-11	380	<0.1	<1	81	-	-	<1	14	42	-
53406-44	HA37	HA37	0.3	24-Mar-11	230	<0.1	<1	14	-	-	<1	13	48	-
53406-47	HA41	HA41	0.5	24-Mar-11	420	<0.1	<1	53	-	-	<1	37	43	-
53406-5	TP28	TP28	1	24-Mar-11	7	<0.1	<1	1	-	-	<1	10	12	-
53406-50	HA39	HA39	0.6	24-Mar-11	53	<0.1	<1	7	-	-	<1	18	24	-
53406-52	HA42	HA42	0.5	24-Mar-11	330	<0.1	<1	18	-	-	<1	46	61	-
53406-54	QA05	TP30		24-Mar-11	330	0.1	<1	12	-	-	<1	21	61	-
53406-6	TP28	TP28	2	24-Mar-11	78	<0.1	<1	<1	-	-	<1	7	17	-
53406-8	TP29	TP29	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-
53427-10	TP19	TP19	0.5	23-Mar-11	640	<0.1	<1	13	-	-	1	21	240	<1
53427-11	TP18	TP18	0.5	23-Mar-11	48	<0.1	<1	2	-	-	1	13	24	-
53427-12	TP17	TP17	0.5	23-Mar-11	92	<0.1	<1	3	-	-	<1	19	20	-
53427-13	TP16	TP16	0.5	23-Mar-11	230	<0.1	<1	5	-	-	1	17	67	-
53427-14	TP15	TP15	0.5	23-Mar-11	280	<0.1	<1	15	-	-	<1	22	140	<1
53427-16	TP14	TP14	0.1	23-Mar-11	1900	0.1	<1	26	660	-	3	34	140	<1
53427-17	TP14	TP14	0.5	23-Mar-11	3	<0.1	<1	1	-	-	1	55	10	-
53427-18	TP13	TP13	0.1	23-Mar-11	-	-	-	-	-	-	-	-	-	-
53427-19	TP13	TP13	0.5	23-Mar-11	62	<0.1	<1	4	-	-	1	45	11	-
53427-2	TP12	TP12	0.5	23-Mar-11	14	<0.1	<1	5	-	-	1	61	16	-
53427-5	TP11	TP11	0.5	23-Mar-11	6	<0.1	<1	1	-	-	1	34	9	-
53427-6	TP10	TP10	0.1	23-Mar-11	390	<0.1	<1	32	-	-	1	35	140	<1
53427-8	TP08	TP08	0.5	23-Mar-11	70	<0.1	<1	6	-	-	1	26	38	-
53427-9	TP07	TP07	0.5	23-Mar-11	15	<0.1	<1	<1	-	-	<1	14	5	-
53456-1	TP33	TP33	0.5	25-Mar-11	74	<0.1	<1	4	-	<2	<1	16	44	-
53456-11	TP34	TP34	1	25-Mar-11	220	<0.1	<1	9	-	<2	2	36	59	-
53456-14	TP38	TP38	0.5	25-Mar-11	990	<0.1	<1	29	-	<2	1	14	150	-
53456-15	TP38	TP38	1	25-Mar-11	660	<0.1	<1	12	-	<2	1	10	74	-
53456-16	TP38	TP38	2	25-Mar-11	20	<0.1	<1	3	-	<2	<1	12	24	-
53456-17	TP40	TP40	0.5	25-Mar-11	160	<0.1	<1	20	240	<2	3	25	140	<1
53456-18	TP40	TP40	1	25-Mar-11	590	0.8	<1	14	520	<2	2	14	63	<1
53456-19	TP40	TP40	2	25-Mar-11	670	0.4	<1	21	-	<2	4	15	120	-
53456-2	TP33	TP33	1	25-Mar-11	210	<0.1	<1	9	-	<2	1	17	73	-
53456-20	HA40	HA40	0.1	25-Mar-11	-	-	-	-	-	-	-	-	-	-
53456-21	HA40	HA40	0.3	25-Mar-11	-	-	-	-	-	-	-	-	-	-
53456-22	HA40	HA40	0.5	25-Mar-11	9	<0.1	<1	1	-	<2	1	27	5	-
53456-23	HA40	HA40	0.9	25-Mar-11	3	<0.1	<1	1	-	<2	<1	15	4	<1

Organochlorine Pesticides

SampleCode	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	1	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.1
USEPA Regional Screening Levels - residential soils																						
NEPM 2013 Conservative EIL-Commercial/Industrial										640												
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space										180												
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																						
NEPM 2013 HIL Commercial/industrial D Soil					530										100				50		80	2500
NEPM 2013 HIL Recreational C Soil					70										20				10		10	400
NEPM 2013 HIL Residential A Soil					**50**										**10**				**6**		**10**	**300**
NEPM 2013 HIL Residential B Soil					90										20				10		15	500
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																						
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																						
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																						
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																						
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																						
53366-25	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1
53366-27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-31	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53366-32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-14	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53406-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-16	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53406-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-30	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53406-34	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1
53406-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-41	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1
53406-43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-8	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53427-10	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1
53427-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-14	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1
53427-16	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53427-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-18	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53427-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-6	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53427-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-17	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53456-18	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
53456-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-23	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1

Organophosphorous Pesticides

SampleCode	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dimethoate	Ethion	Ethyl methanesulfonate	Fenitrothion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1
USEPA Regional Screening Levels - residential soils								
NEPM 2013 Conservative EIL-Commercial/Industrial								
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space								
NEPM 2013 ESL Urban residential and public open space, Coarse Soil								
NEPM 2013 HIL Commercial/industrial D Soil		2000						
NEPM 2013 HIL Recreational C Soil		250						
NEPM 2013 HIL Residential A Soil		**160**						
NEPM 2013 HIL Residential B Soil		340						
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand								
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil								
53366-25	-	-	-	-	-	-	<1	-
53366-27	-	-	-	-	-	-	-	-
53366-29	-	-	-	-	-	-	-	-
53366-31	-	-	-	-	-	-	<1	-
53366-32	-	-	-	-	-	-	-	-
53366-35	-	-	-	-	-	-	-	-
53366-37	-	-	-	-	-	-	-	-
53366-39	-	-	-	-	-	-	-	-
53366-8	-	-	-	-	-	-	-	-
53366-9	-	-	-	-	-	-	-	-
53406-1	-	-	-	-	-	-	-	-
53406-10	-	-	-	-	-	-	-	-
53406-12	-	-	-	-	-	-	-	-
53406-14	-	-	-	-	-	-	<1	-
53406-15	-	-	-	-	-	-	-	-
53406-16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
53406-17	-	-	-	-	-	-	-	-
53406-19	-	-	-	-	-	-	-	-
53406-2	-	-	-	-	-	-	-	-
53406-22	-	-	-	-	-	-	-	-
53406-23	-	-	-	-	-	-	-	-
53406-24	-	-	-	-	-	-	-	-
53406-26	-	-	-	-	-	-	-	-
53406-29	-	-	-	-	-	-	-	-
53406-30	-	-	-	-	-	-	<1	-
53406-34	-	-	-	-	-	-	<1	-
53406-38	-	-	-	-	-	-	-	-
53406-39	-	-	-	-	-	-	-	-
53406-40	-	-	-	-	-	-	-	-
53406-41	-	-	-	-	-	-	<1	-
53406-43	-	-	-	-	-	-	-	-
53406-44	-	-	-	-	-	-	-	-
53406-47	-	-	-	-	-	-	-	-
53406-5	-	-	-	-	-	-	-	-
53406-50	-	-	-	-	-	-	-	-
53406-52	-	-	-	-	-	-	-	-
53406-54	-	-	-	-	-	-	-	-
53406-6	-	-	-	-	-	-	-	-
53406-8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
53427-10	-	-	-	-	-	-	<1	-
53427-11	-	-	-	-	-	-	-	-
53427-12	-	-	-	-	-	-	-	-
53427-13	-	-	-	-	-	-	-	-
53427-14	-	-	-	-	-	-	<1	-
53427-16	-	-	-	-	-	-	<1	-
53427-17	-	-	-	-	-	-	-	-
53427-18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
53427-19	-	-	-	-	-	-	-	-
53427-2	-	-	-	-	-	-	-	-
53427-5	-	-	-	-	-	-	-	-
53427-6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
53427-8	-	-	-	-	-	-	-	-
53427-9	-	-	-	-	-	-	-	-
53456-1	-	-	-	-	-	-	-	-
53456-11	-	-	-	-	-	-	-	-
53456-14	-	-	-	-	-	-	-	-
53456-15	-	-	-	-	-	-	-	-
53456-16	-	-	-	-	-	-	-	-
53456-17	-	-	-	-	-	-	<1	-
53456-18	-	-	-	-	-	-	<1	-
53456-19	-	-	-	-	-	-	-	-
53456-2	-	-	-	-	-	-	-	-
53456-20	-	-	-	-	-	-	-	-
53456-21	-	-	-	-	-	-	-	-
53456-22	-	-	-	-	-	-	-	-
53456-23	-	-	-	-	-	-	<1	-

Attachment C
Table C1
Soil Analytical Results

											Nitroaromatics	Organochlorine Pesticides																				Organophosphorous Pesticides							
	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Selenium	Tin	Vanadium	Zinc	Pentachloronitrobenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dimethoate	Ethion	Ethyl methanesulfonate	Fenitrothion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	0.1	1	1	2	2	1	1	1	1	0.05	0.05	0.05	0.05	1	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1
USEPA Regional Screening Levels - residential soils								390																																
NEPM 2013 Conservative EIL-Commercial/Industrial				55					110											640																				
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space				30					70											180																				
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																							
NEPM 2013 HIL Commercial/industrial D Soil	60,000	730		6000		10,000			400,000						530										100				50		80	2500		2000						
NEPM 2013 HIL Recreational C Soil	19,000	80		1200		700			30,000						70										20				10		10	400		250						
NEPM 2013 HIL Residential A Soil	**3800**	**40**		**400**		**200**			**7400**						**50**										**10**				**6**		**10**	**300**		**160**						
NEPM 2013 HIL Residential B Soil	14,000	120		1200		1400			60,000						90										20				10		15	500		340						
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																								
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																				
53456-24	HA33	HA33	0.1	25-Mar-11	270	<0.1	<1	12	-	<2	20	29	130	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	<1	-
53456-25	HA33	HA33	0.4	25-Mar-11	54	<0.1	<1	4	-	<2	2	44	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	HA44	HA44	0.27	25-Mar-11	2	<0.1	<1	<1	43	<2	<1	3	3	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	<1	-
53456-28	HA44	HA44	0.35	25-Mar-11	10	<0.1	<1	2	-	<2	<1	36	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	HA26	HA26	0.45	25-Mar-11	47	<0.1	<1	4	57	<2	7	27	21	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	<1	-
53456-30	QA07	TP39		25-Mar-11	200	<0.1	<1	9	-	<2	1	28	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-31	QA08	TP39		25-Mar-11	110	0.4	<1	1	-	<2	<1	5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-32	QA10	HA44		25-Mar-11	3	<0.1	<1	<1	-	<2	1	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-5	TP39	TP39	0.5	25-Mar-11	290	<0.1	<1	9	65	<2	2	17	54	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	<1	-
53456-6	TP39	TP39	1	25-Mar-11	120	<0.1	<1	4	-	<2	<1	12	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-7	TP39	TP39	1.9	25-Mar-11	320	<0.1	<1	23	-	<2	1	20	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	TP34	TP34	0.2	25-Mar-11	450	<0.1	<1	36	-	<2	1	32	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	QA02	TP09		22-Mar-11	25	0.1	<2	16	211	<5	<5	31	36	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.2	<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	<0.2	-	-	-
ES1106469001	QA06	HA33		25-Mar-11	26	0.2	<2	4	-	-	<5	50	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469002	QA09	TP34		25-Mar-11	210	<0.1	<2	13	-	-	<5	49	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																								
Number of Results	105	135	105	135	17	24	105	105	135	31	38	38	38	38	31	25	38	38	38	38	38	38	38	38	38	25	1	38	38	38	38	38	8	8	8	8	8	8	31	8
Number of Detects	104	11	1	127	17	0	36	105	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<0.1	<1	<1	43	<2	<1	3	2	<1	<0.05	<0.05	<0.05	<0.05	<1	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
Minimum Detect	2	0.1	1	1	43	ND	1	3	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	2900	0.8	<2	190	660	<5	20	70	2300	<1	<1	<1	<1	<1	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<0.05	<1	<1	<1	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
Maximum Detect	2900	0.8	1	190	660	ND	20	70	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	301	0.067	0.52	20	201	1.1	1.1	24	94	0.5	0.2	0.2	0.2	0.2	0.5	0.049	0.2	0.2	0.2	0.21	0.2	0.2	0.2	0.2	0.2	0.049		0.2	0.2	0.2	0.2	0.21	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.05
Median Concentration	210	0.05	0.5	12	190	1	0.5	20	50	0.5	0.05	0.05	0.05	0.05	0.5	0.05	0.05	0.05	0.05	0.05	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	0.05	0.05	0.05	0.05	0.05	0.5	0.05
Standard Deviation	397	0.084	0.096	29	171	0.31	2.1	14	245	0	0.22	0.22	0.22	0.22	0	0.005	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.005		0.22	0.22	0.22	0.22	0.22	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	23	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	23	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Changed from 10 mg/kg as per ERRATA Update 29 July 2013
#2:Changed from 0.7 mg/kg as per ERRATA Update 29 July 2013

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1. Some analytes are reported multiple time
#2 Combined by ESDAT using a Non-Detect Multiplier of 1. Some Analytes are missing from this Cor
#3 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C1
Soil Analytical Results

			PAH		PAH/Phenols																													Phthalates				
	Ronnel	Safrole	7,12-dimethylbenz(a)anthracene	Carcinogenic PAHs (as B(a)P TEQ) - Calc	2,4-dimethylphenol	2,4-dinitrophenol	2-chloronaphthalene	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	3-methylcholanthrene	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)&(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	1	1		0.5	10	1	1	0.5	0.5		1	10		2	10	0.1	0.1	1	0.1	0.1	0.05	0.2	0.5	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	1	1	1	1
USEPA Regional Screening Levels - residential soils																	3500			17,000	0.15		0.1				15		2300		0.15				1700				
NEPM 2013 Conservative EIL-Commercial/Industrial																																370							
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																170							
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																						0.7[#2]																	
NEPM 2013 HIL Commercial/industrial D Soil				40																													240,000						
NEPM 2013 HIL Recreational C Soil				3																													40,000						
NEPM 2013 HIL Residential A Soil				**3**																													**3000**						
NEPM 2013 HIL Residential B Soil				4																													45,000						
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																*3*							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																*NL*							
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																*NL*							
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																*NL*							
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																							

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date																																					
28731-1	GW1	GW1	0-0.2	06-May-09	-	-	-	0.222[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	0.08	<0.2	-	<0.1	-	0.1	<0.1	0.2	<0.1	<0.1	<0.1	0.1	-	0.2	-	-	-	-
28731-10	GW2	GW2	1-1.2	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-14	GW3	GW3	0-0.2	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-20	GW4	GW4	0-0.2	05-May-09	-	-	-	0.627[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	0.4	0.39	0.7	-	0.2	-	0.5	<0.1	0.8	<0.1	0.2	<0.1	0.3	-	0.8	-	-	-	-
28731-26	GW5	GW5	0-0.2	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	-	<0.1	-	-	-	-
28731-30	BH1	BH1	0.1-0.3	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-33	BH4	BH4	0.1-0.3	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-38	BH4	BH4	3.8-4	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-40	BH5	BH5	0-0.2	06-May-09	-	-	-	0.253[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	0.1	0.11	0.2	-	0.1	-	0.2	<0.1	0.2	<0.1	<0.1	<0.1	0.2	-	0.3	-	-	-	-
28731-46	BH5	BH5	4.8-5	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-49	AD2	AD2		06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-5	GW1	GW1	2.8-3	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
28731-8	GW2	GW2	0.2-0.4	06-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-10	WS3	WS3	1.3-1.4	14-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-12	WS4	WS4	0.3-0.4	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-16	WS5	WS5	0.2-0.3	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-19	WS6	WS6	0-0.1	20-May-09	-	-	-	0.202[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	0.06	<0.2	-	<0.1	-	0.1	<0.1	0.1	<0.1	<0.1	<0.1	0.1	-	0.2	-	-	-	-
29052-2	WS1	WS1	0.6-0.7	14-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-22	WS7	WS7	0.2-0.3	14-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-24	WS8	WS8	0.2-0.3	14-May-09	-	-	-	0.212[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	0.07	<0.2	-	<0.1	-	0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	-	0.2	-	-	-	-
29052-28	WS9	WS9	0-0.1	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	0.1	-	-	-	-
29052-29	WS9	WS9	0.6-0.7	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	-	<0.1	-	-	-	-
29052-32	WS10	WS10	0-0.1	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-35	WS11	WS11	0.2-0.3	14-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-37	BH3	BH3	0-0.1	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-38	BH3	BH3	0.5-0.6	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-39	BH3	BH3	0.9-1	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-40	AD1	AD1		14-May-09	-	-	-	0.526[#2]	-	-	-	-	-	-	-	-	-	-	-	0.1	<0.1	-	0.1	0.3	0.32	0.5	-	0.2	-	0.4	<0.1	1.1	<0.1	0.2	<0.1	1	-	1	-	-	-	-
29052-41	AD2	AD2		20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-5	WS2	WS2	0.3-0.4	20-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-7	WS3	WS3	0.2-0.3	14-May-09	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	-	<0.1	-	-	-	-
29052-A-20	WS6	WS6	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-21	WS6	WS6	0.7-0.8	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-1	TP01	TP01	0.1	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53287-11	TP03	TP03	1	22-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53287-12	TP03	TP03	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-17	TP04	TP04	1	22-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53287-23	TP05	TP05	1	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53287-26	TP05	TP05	2.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-27	TP06	TP06	0.1	22-Mar-11	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-29	TP06	TP06	1	22-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53287-30	TP06	TP06	1.5	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53287-32	QA01	TP06		22-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53287-7	TP02	TP02	0.5	22-Mar-11	<0.1	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53321-10	HA18	HA18	0.35	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-11	HA18	HA18	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-13	HA19	HA19	0.4	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-15	HA19	HA19	0.9	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-16	HA23	HA23	0.3	22-Mar-11	-	<1	<1	0.393[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1 - 0.2	<0.1	<1	<1	<1	<1
53321-18	HA24	HA24	0.4	22-Mar-11	<0.1	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53321-19	HA25	HA25	0.2	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-2	HA04	HA04	0.4	22-Mar-11	-	<1	<1	0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1 - 0.1	<0.1	<1	<1	<1	<1
53321-20	HA25	HA25	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-23	TP09	TP09	0.5	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-24	TP09	TP09	1	22-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53321-3	HA05	HA05	0.25	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-4	HA05	HA05	0.5	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-7	HA13	HA13	1	22-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53321-9	HA17	HA17	0.25	22-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	-	<0.1	-	-	-	-
53366-1	TP45	TP45	0.1	23-Mar-11	<0.1	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53366-11	HA32	HA32	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-12	HA29	HA29	0.13	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-14	HA29	HA29	0.6	23-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53366-16	HA30	HA30	0.16	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53366-2	TP45	TP45	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53366-20	HA36	HA36	0.2	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-

Attachment C
Table C1
Soil Analytical Results

			PAH		PAH/Phenols																													Phthalates			
	Ronnel	Safrole	7,12-dimethylbenz(a)anthracene	Carcinogenic PAHs (as B(a)P TEQ) - Calc	2,4-dimethylphenol	2,4-dinitrophenol	2-chloronaphthalene	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	3-methylcholanthrene	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)&(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	1	1		0.5	10	1	1	0.5	0.5		1	10		2	10	0.1	0.1	1	0.1	0.1	0.05	0.2	0.5	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	1	1	1	1
USEPA Regional Screening Levels - residential soils																	3500			17,000	0.15		0.1				15		2300		0.15				1700				
NEPM 2013 Conservative EIL-Commercial/Industrial																																370							
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																170							
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																						0.7[#2]																	
NEPM 2013 HIL Commercial/industrial D Soil				40																													240,000						
NEPM 2013 HIL Recreational C Soil				3																													40,000						
NEPM 2013 HIL Residential A Soil				**3**																													**3000**						
NEPM 2013 HIL Residential B Soil				4																													45,000						
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																*3*							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																*NL*							
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																*NL*							
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																*NL*							
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																							

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date																																					
53366-25	HA31	HA31	0.2	23-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53366-27	HA31	HA31	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-29	QA03	HA31		23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53366-31	HA35	HA35	0.22	23-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53366-32	HA35	HA35	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-35	HA34	HA34	0.15	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-37	HA34	HA34	0.45	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53366-39	HA34	HA34	1.6	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-8	HA32	HA32	1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-9	HA32	HA32	0.12	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-1	TP21	TP21	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-10	TP29	TP29	1	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-12	TP30	TP30	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-14	TP30	TP30	1	24-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53406-15	TP30	TP30	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-16	TP31	TP31	0.1	24-Mar-11	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-17	TP31	TP31	0.5	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-19	TP31	TP31	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-2	TP25	TP25	0.5	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-22	TP32	TP32	1	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-23	TP32	TP32	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-24	TP35	TP35	0.1	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-26	TP35	TP35	0.5	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-29	TP43	TP43	0.1	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-30	TP43	TP43	0.5	24-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53406-34	HA06	HA06	0.5	24-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53406-38	HA14	HA14	0.23	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-39	HA14	HA14	0.4	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-40	HA27	HA27	0.14	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-41	HA28	HA28	0.22	24-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53406-43	HA37	HA37	0.15	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-44	HA37	HA37	0.3	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-47	HA41	HA41	0.5	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-5	TP28	TP28	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-50	HA39	HA39	0.6	24-Mar-11	-	-	-	0.567[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	0.2	0.37	0.5	-	0.3	-	0.4	<0.1	0.5	<0.1	0.2	<0.1	0.4	-	0.9	-	-	-
53406-52	HA42	HA42	0.5	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-54	QA05	TP30		24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-6	TP28	TP28	2	24-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53406-8	TP29	TP29	0.1	24-Mar-11	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-10	TP19	TP19	0.5	23-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53427-11	TP18	TP18	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-12	TP17	TP17	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-13	TP16	TP16	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-14	TP15	TP15	0.5	23-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53427-16	TP14	TP14	0.1	23-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53427-17	TP14	TP14	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-18	TP13	TP13	0.1	23-Mar-11	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-19	TP13	TP13	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-2	TP12	TP12	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-5	TP11	TP11	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-6	TP10	TP10	0.1	23-Mar-11	<0.1	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53427-8	TP08	TP08	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53427-9	TP07	TP07	0.5	23-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53456-1	TP33	TP33	0.5	25-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53456-11	TP34	TP34	1	25-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53456-14	TP38	TP38	0.5	25-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53456-15	TP38	TP38	1	25-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53456-16	TP38	TP38	2	25-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-
53456-17	TP40	TP40	0.5	25-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53456-18	TP40	TP40	1	25-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53456-19	TP40	TP40	2	25-Mar-11	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53456-2	TP33	TP33	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-20	HA40	HA40	0.1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-21	HA40	HA40	0.3	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-22	HA40	HA40	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-23	HA40	HA40	0.9	25-Mar-11	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1

Attachment C
Table C1
Soil Analytical Results

Columns 1–13 (Ronnel, Safrole; PAH: 7,12-dimethylbenz(a)anthracene, Carcinogenic PAHs (as B(a)P TEQ) - Calc; PAH/Phenols: 2,4-dimethylphenol to 4,6-Dinitro-2-methylphenol)

	Ronnel	Safrole	7,12-dimethylbenz(a)anthracene	Carcinogenic PAHs (as B(a)P TEQ) - Calc	2,4-dimethylphenol	2,4-dinitrophenol	2-chloronaphthalene	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	3-methylcholanthrene	4,6-Dinitro-2-methylphenol
			PAH		PAH/Phenols								
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	1	1		0.5	10	1	1	0.5	0.5		1	10
USEPA Regional Screening Levels - residential soils													
NEPM 2013 Conservative EIL-Commercial/Industrial													
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space													
NEPM 2013 ESL Urban residential and public open space, Coarse Soil													
NEPM 2013 HIL Commercial/industrial D Soil				40									
NEPM 2013 HIL Recreational C Soil				3									
NEPM 2013 HIL Residential A Soil				**3**									
NEPM 2013 HIL Residential B Soil				4									
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand													
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand													
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand													
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand													
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil													

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date
53456-24	HA33	HA33	0.1	25-Mar-11
53456-25	HA33	HA33	0.4	25-Mar-11
53456-27	HA44	HA44	0.27	25-Mar-11
53456-28	HA44	HA44	0.35	25-Mar-11
53456-29	HA26	HA26	0.45	25-Mar-11
53456-30	QA07	TP39		25-Mar-11
53456-31	QA08	TP39		25-Mar-11
53456-32	QA10	HA44		25-Mar-11
53456-5	TP39	TP39	0.5	25-Mar-11
53456-6	TP39	TP39	1	25-Mar-11
53456-7	TP39	TP39	1.9	25-Mar-11
53456-9	TP34	TP34	0.2	25-Mar-11
ES1106282001	QA02	TP09		22-Mar-11
ES1106469001	QA06	HA33		25-Mar-11
ES1106469002	QA09	TP34		25-Mar-11

SampleCode	Ronnel	Safrole	7,12-dimethylbenz(a)anthracene	Carcinogenic PAHs (as B(a)P TEQ) - Calc	2,4-dimethylphenol	2,4-dinitrophenol	2-chloronaphthalene	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	3-methylcholanthrene	4,6-Dinitro-2-methylphenol
53456-24	-	<1	<1	0.402[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10
53456-25	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10
53456-28	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10
53456-30	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-
53456-31	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-
53456-32	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-
53456-5	-	<1	<1	<0.392[#1]	<1	<10	<1	<1	<1	<1	-	<1	<10
53456-6	-	-	-	<0.192[#2]	-	-	-	-	-	-	-	-	-
53456-7	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	-	-	-	<1.21[#2]	<0.5	-	-	-	<0.5	<0.5	<1	-	-
ES1106469001	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469002	-	-	-	<1.21[#2]	-	-	-	-	-	-	-	-	-

Statistical Summary

	Ronnel	Safrole	7,12-dimethylbenz(a)anthracene	Carcinogenic PAHs (as B(a)P TEQ) - Calc	2,4-dimethylphenol	2,4-dinitrophenol	2-chloronaphthalene	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	3-methylcholanthrene	4,6-Dinitro-2-methylphenol
Number of Results	8	31	31	109	32	31	31	31	32	32	1	31	31
Number of Detects	0	0	0	10	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.1	<1	<1	<0.192	<0.5	<10	<1	<1	<0.5	<0.5	<1	<1	<10
Minimum Detect	ND	ND	ND	0.202	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.1	<1	<1	<1.21	<1	<10	<1	<1	<1	<1	<1	<1	<10
Maximum Detect	ND	ND	ND	0.627	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.05	0.5	0.5	0.16	0.49	5	0.5	0.5	0.49	0.49		0.5	5
Median Concentration	0.05	0.5	0.5	0.096	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	5
Standard Deviation	0	0	0	0.11	0.044	0	0	0	0.044	0.044		0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0

Columns 14–26 (PAH/Phenols, continued)

	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)&(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		2	10	0.1	0.1	1	0.1	0.1	0.05	0.2	0.5	0.1	0.5
USEPA Regional Screening Levels - residential soils				3500			17,000	0.15		0.1			
NEPM 2013 Conservative EIL-Commercial/Industrial													
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space													
NEPM 2013 ESL Urban residential and public open space, Coarse Soil									0.7[#2]				
NEPM 2013 HIL Commercial/industrial D Soil													
NEPM 2013 HIL Recreational C Soil													
NEPM 2013 HIL Residential A Soil													
NEPM 2013 HIL Residential B Soil													
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand													
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand													
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand													
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand													
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil													

SampleCode	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)&(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
53456-24	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<1 - 0.06	<0.2	<1	<0.1	<1
53456-25	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1
53456-28	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1
53456-30	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-
53456-31	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-
53456-32	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-
53456-5	-	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<1	<0.1	<1
53456-6	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.2	-	<0.1	-
53456-7	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
ES1106469001	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469002	-	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)&(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
Number of Results	1	31	31	109	109	31	109	109	109	107	33	109	33
Number of Detects	0	0	0	1	0	0	1	4	8	4	0	4	0
Minimum Concentration	<0.5	<2	<10	<0.1	<0.1	<1	<0.1	<0.1	<0.05	<0.2	<0.5	<0.1	<0.5
Minimum Detect	ND	ND	ND	0.1	ND	ND	0.1	0.1	0.06	0.2	ND	0.1	ND
Maximum Concentration	<0.5	<2	<10	<0.5	<0.5	<1	<0.5	<0.5	<0.5	0.7	<1	<0.5	<1
Maximum Detect	ND	ND	ND	0.1	ND	ND	0.1	0.4	0.39	0.7	ND	0.3	ND
Average Concentration		1	5	0.054	0.054	0.5	0.054	0.061	0.043	0.11	0.48	0.059	0.48
Median Concentration	0.25	1	5	0.05	0.05	0.5	0.05	0.05	0.025	0.1	0.5	0.05	0.5
Standard Deviation		0	0	0.027	0.027	0	0.027	0.051	0.067	0.079	0.061	0.041	0.061
Number of Guideline Exceedances	0	0	0	0	0	0	0	5	0	107	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	3	0	4	0	0	0

Columns 27–39 (PAH/Phenols, continued; Phthalates: Bis(2-ethylhexyl) phthalate to Dimethyl phthalate)

	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate
	PAH/Phenols									Phthalates			
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	1	1	1	1
USEPA Regional Screening Levels - residential soils	15		2300		0.15				1700				
NEPM 2013 Conservative EIL-Commercial/Industrial						370							
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space						170							
NEPM 2013 ESL Urban residential and public open space, Coarse Soil													
NEPM 2013 HIL Commercial/industrial D Soil								240,000					
NEPM 2013 HIL Recreational C Soil								40,000					
NEPM 2013 HIL Residential A Soil								**3000**					
NEPM 2013 HIL Residential B Soil								45,000					
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand						*3*							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand						*NL*							
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand						*NL*							
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand						*NL*							
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil													

SampleCode	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate
53456-24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53456-25	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53456-28	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53456-30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53456-31	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53456-32	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53456-5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<1	<1	<1
53456-6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-
53456-7	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
ES1106469001	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-

	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate
Number of Results	109	109	109	109	109	109	109	32	109	31	31	31	31
Number of Detects	9	0	7	0	3	1	11	0	8	0	0	0	0
Minimum Concentration	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<1	<1	<1	<1
Minimum Detect	0.1	ND	0.1	ND	0.2	0.1	0.1	ND	0.1	ND	ND	ND	ND
Maximum Concentration	0.5	<0.5	1.1	<0.5	<0.5	<0.5	1	<1	1	<1	<1	<1	<1
Maximum Detect	0.5	ND	1.1	ND	0.2	0.1	1	ND	1	ND	ND	ND	ND
Average Concentration	0.072	0.054	0.078	0.054	0.058	0.054	0.078	0.49	0.084	0.5	0.5	0.5	0.5
Median Concentration	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.05	0.5	0.5	0.5	0.5
Standard Deviation	0.078	0.027	0.13	0.027	0.036	0.027	0.11	0.044	0.15	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	5	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	3	0	0	0	0	0	0	0	0

Env Stds Comments

#1:Changed from 10 mg/kg as per ERRATA Update 29 July 2013
#2:Changed from 0.7 mg/kg as per ERRATA Update 29 July 2013

Data Comments

#1 Combined by ESDAT using a Non-Detect Multiplier of 1. Some analytes are reported multiple time
#2 Combined by ESDAT using a Non-Detect Multiplier of 1. Some Analytes are missing from this Cor
#3 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C1
Soil Analytical Results

			Polychlorinated Biphenyls								Solvents		SVOCs																													
			Di-n-butyl phthalate	Di-n-octyl phthalate	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	Cyclohexane	Isophorone	1,2,4,5-tetrachlorobenzene	2-(acetylamino) fluorene	4-(dimethylamino) azobenzene	4-bromophenyl phenyl ether	4-chlorophenyl phenyl ether	Azobenzene	Benzyl alcohol	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	Carbazole	Dibenzofuran	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Isosafrole	Methapyrilene	N-nitrosomorpholine	N-nitrosopiperidine	Pentachlorobenzene	Phenacetin	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
USEPA Regional Screening Levels - residential soils																																									
NEPM 2013 Conservative EIL-Commercial/Industrial																																									
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																									
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																									
NEPM 2013 HIL Commercial/industrial D Soil												7																													
NEPM 2013 HIL Recreational C Soil												1																													
NEPM 2013 HIL Residential A Soil												**1**																													
NEPM 2013 HIL Residential B Soil												1																													
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																									
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																									
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																									
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																									
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																									
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																						
28731-1	GW1	GW1	0-0.2	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-10	GW2	GW2	1-1.2	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-14	GW3	GW3	0-0.2	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-20	GW4	GW4	0-0.2	05-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-26	GW5	GW5	0-0.2	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-30	BH1	BH1	0.1-0.3	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-33	BH4	BH4	0.1-0.3	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-38	BH4	BH4	3.8-4	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-40	BH5	BH5	0-0.2	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-46	BH5	BH5	4.8-5	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-49	AD2	AD2		06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-5	GW1	GW1	2.8-3	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-8	GW2	GW2	0.2-0.4	06-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-10	WS3	WS3	1.3-1.4	14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-12	WS4	WS4	0.3-0.4	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-16	WS5	WS5	0.2-0.3	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-19	WS6	WS6	0-0.1	20-May-09	-	-	<2	-	<2	<2	<2	7	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-2	WS1	WS1	0.6-0.7	14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-22	WS7	WS7	0.2-0.3	14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-24	WS8	WS8	0.2-0.3	14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-28	WS9	WS9	0-0.1	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-29	WS9	WS9	0.6-0.7	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-32	WS10	WS10	0-0.1	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-35	WS11	WS11	0.2-0.3	14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-37	BH3	BH3	0-0.1	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-38	BH3	BH3	0.5-0.6	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-39	BH3	BH3	0.9-1	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-40	AD1	AD1		14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-41	AD2	AD2		20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-5	WS2	WS2	0.3-0.4	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-7	WS3	WS3	0.2-0.3	14-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-20	WS6	WS6	0.2-0.3	20-May-09	-	-	<1	-	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-21	WS6	WS6	0.7-0.8	20-May-09	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-1	TP01	TP01	0.1	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53287-11	TP03	TP03	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-12	TP03	TP03	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-17	TP04	TP04	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-23	TP05	TP05	1	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53287-26	TP05	TP05	2.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-27	TP06	TP06	0.1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-29	TP06	TP06	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-30	TP06	TP06	1.5	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53287-32	QA01	TP06		22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-7	TP02	TP02	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-10	HA18	HA18	0.35	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-11	HA18	HA18	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-13	HA19	HA19	0.4	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-15	HA19	HA19	0.9	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-16	HA23	HA23	0.3	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-18	HA24	HA24	0.4	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-19	HA25	HA25	0.2	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-2	HA04	HA04	0.4	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-20	HA25	HA25	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-23	TP09	TP09	0.5	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-24	TP09	TP09	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-3	HA05	HA05	0.25	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-4	HA05	HA05	0.5	22-Mar-11	<1	<1	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-7	HA13	HA13	1	22-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-9	HA17	HA17	0.25	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-1	TP45	TP45	0.1	23-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-11	HA32	HA32	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-12	HA29	HA29	0.13	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-14	HA29	HA29	0.6	23-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-16	HA30	HA30	0.16	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-2	TP45	TP45	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-20	HA36	HA36	0.2	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C
Table C1
Soil Analytical Results

			Polychlorinated Biphenyls								Solvents		SVOCs																											
			Di-n-butyl phthalate	Di-n-octyl phthalate	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	Cyclohexane	Isophorone	1,2,4,5-tetrachlorobenzene	2-(acetylamino) fluorene	4-(dimethylamino) azobenzene	4-bromophenyl phenyl ether	4-chlorophenyl phenyl ether	Azobenzene	Benzyl alcohol	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	Carbazole	Dibenzofuran	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Isosafrole	Methapyrilene	N-nitrosomorpholine	N-nitrosopiperidine	Pentachlorobenzene	Phenacetin	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
USEPA Regional Screening Levels - residential soils																																								
NEPM 2013 Conservative EIL-Commercial/Industrial																																								
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																								
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																								
NEPM 2013 HIL Commercial/industrial D Soil												7																												
NEPM 2013 HIL Recreational C Soil												1																												
NEPM 2013 HIL Residential A Soil												**1**																												
NEPM 2013 HIL Residential B Soil												1																												
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																								
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																				
53366-25	HA31	HA31	0.2	23-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-27	HA31	HA31	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-29	QA03	HA31		23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-31	HA35	HA35	0.22	23-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-32	HA35	HA35	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-35	HA34	HA34	0.15	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-37	HA34	HA34	0.45	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-39	HA34	HA34	1.6	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-8	HA32	HA32	1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-9	HA32	HA32	0.12	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-1	TP21	TP21	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-10	TP29	TP29	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-12	TP30	TP30	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-14	TP30	TP30	1	24-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-15	TP30	TP30	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-16	TP31	TP31	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-17	TP31	TP31	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-19	TP31	TP31	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-2	TP25	TP25	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-22	TP32	TP32	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-23	TP32	TP32	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-24	TP35	TP35	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-26	TP35	TP35	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-29	TP43	TP43	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-30	TP43	TP43	0.5	24-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-34	HA06	HA06	0.5	24-Mar-11	<1	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-38	HA14	HA14	0.23	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-39	HA14	HA14	0.4	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-40	HA27	HA27	0.14	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-41	HA28	HA28	0.22	24-Mar-11	<1	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-43	HA37	HA37	0.15	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-44	HA37	HA37	0.3	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-47	HA41	HA41	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-5	TP28	TP28	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-50	HA39	HA39	0.6	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-52	HA42	HA42	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-54	QA05	TP30		24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-6	TP28	TP28	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-8	TP29	TP29	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-10	TP19	TP19	0.5	23-Mar-11	<1	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-11	TP18	TP18	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-12	TP17	TP17	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-13	TP16	TP16	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-14	TP15	TP15	0.5	23-Mar-11	<1	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-16	TP14	TP14	0.1	23-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-17	TP14	TP14	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-18	TP13	TP13	0.1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-19	TP13	TP13	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-2	TP12	TP12	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-5	TP11	TP11	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-6	TP10	TP10	0.1	23-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-8	TP08	TP08	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-9	TP07	TP07	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-1	TP33	TP33	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-11	TP34	TP34	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-14	TP38	TP38	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-15	TP38	TP38	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-16	TP38	TP38	2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-17	TP40	TP40	0.5	25-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-18	TP40	TP40	1	25-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-19	TP40	TP40	2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-2	TP33	TP33	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-20	HA40	HA40	0.1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-21	HA40	HA40	0.3	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-22	HA40	HA40	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-23	HA40	HA40	0.9	25-Mar-11	<1	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Attachment C
Table C1
Soil Analytical Results

			Polychlorinated Biphenyls								Solvents		SVOCs																											
			Di-n-butyl phthalate	Di-n-octyl phthalate	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	Cyclohexane	Isophorone	1,2,4,5-tetrachlorobenzene	2-(acetylamino) fluorene	4-(dimethylamino) azobenzene	4-bromophenyl phenyl ether	4-chlorophenyl phenyl ether	Azobenzene	Benzyl alcohol	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	Carbazole	Dibenzofuran	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Isosafrole	Methapyrilene	N-nitrosomorpholine	N-nitrosopiperidine	Pentachlorobenzene	Phenacetin	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
USEPA Regional Screening Levels - residential soils																																								
NEPM 2013 Conservative EIL-Commercial/Industrial																																								
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																								
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																								
NEPM 2013 HIL Commercial/industrial D Soil												7																												
NEPM 2013 HIL Recreational C Soil												1																												
NEPM 2013 HIL Residential A Soil												**1**																												
NEPM 2013 HIL Residential B Soil												1																												
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																								
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																				
53456-24	HA33	HA33	0.1	25-Mar-11	<1	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-25	HA33	HA33	0.4	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	HA44	HA44	0.27	25-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-28	HA44	HA44	0.35	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	HA26	HA26	0.45	25-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-30	QA07	TP39		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-31	QA08	TP39		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-32	QA10	HA44		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-5	TP39	TP39	0.5	25-Mar-11	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-6	TP39	TP39	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-7	TP39	TP39	1.9	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	TP34	TP34	0.2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	QA02	TP09		22-Mar-11	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469001	QA06	HA33		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469002	QA09	TP34		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																							
Number of Results			31	31	56	24	56	56	56	56	56	1	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Number of Detects			0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration			<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect			ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration			<1	<1	<2	<0.1	<2	<2	<2	7	<2	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Maximum Detect			ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration			0.5	0.5	0.075	0.05	0.075	0.075	0.075	0.18	0.075		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration			0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation			0	0	0.14	0	0.14	0.14	0.14	0.93	0.14		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Changed from 10 mg/kg as per ERRATA Update 29 July 2013
#2:Changed from 0.7 mg/kg as per ERRATA Update 29 July 2013

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1. Some analytes are reported multiple time
#2 Combined by ESDAT using a Non-Detect Multiplier of 1. Some Analytes are missing from this Cor
#3 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C1
Soil Analytical Results

	VOCs																												OC Pesticides	Amino Aliphatic		Amino Aromatics			Anilines						
	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2,4-trichlorobenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,3-dichlorobenzene	1,4-dichlorobenzene	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Pentachloroethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Chlordane (Sum of Total) - Calc	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	1-naphthylamine	2-naphthylamine	Diphenylamine	2-nitroaniline	3-nitroaniline	4-chloroaniline	4-nitroaniline	2-methyl-5-nitroaniline	Aniline
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
USEPA Regional Screening Levels - residential soils																																								
NEPM 2013 Conservative EIL-Commercial/Industrial																																								
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																								
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																								
NEPM 2013 HIL Commercial/industrial D Soil																																								
NEPM 2013 HIL Recreational C Soil																																								
NEPM 2013 HIL Residential A Soil																																								
NEPM 2013 HIL Residential B Soil																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																								

SampleCode	Field_ID	LocCode	Sample Depth (m)	Sampled_Date																																						
28731-1	GW1	GW1	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-10	GW2	GW2	1-1.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-14	GW3	GW3	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-20	GW4	GW4	0-0.2	05-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-26	GW5	GW5	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-30	BH1	BH1	0.1-0.3	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-33	BH4	BH4	0.1-0.3	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-38	BH4	BH4	3.8-4	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-40	BH5	BH5	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-46	BH5	BH5	4.8-5	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-49	AD2	AD2		06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-5	GW1	GW1	2.8-3	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-8	GW2	GW2	0.2-0.4	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-10	WS3	WS3	1.3-1.4	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-12	WS4	WS4	0.3-0.4	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-16	WS5	WS5	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-19	WS6	WS6	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-2	WS1	WS1	0.6-0.7	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-22	WS7	WS7	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-24	WS8	WS8	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-28	WS9	WS9	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-29	WS9	WS9	0.6-0.7	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-32	WS10	WS10	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-35	WS11	WS11	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-37	BH3	BH3	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-38	BH3	BH3	0.5-0.6	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-39	BH3	BH3	0.9-1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-40	AD1	AD1		14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-41	AD2	AD2		20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-5	WS2	WS2	0.3-0.4	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-7	WS3	WS3	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-20	WS6	WS6	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-21	WS6	WS6	0.7-0.8	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-1	TP01	TP01	0.1	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53287-11	TP03	TP03	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-12	TP03	TP03	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-17	TP04	TP04	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-23	TP05	TP05	1	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53287-26	TP05	TP05	2.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-27	TP06	TP06	0.1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	-
53287-29	TP06	TP06	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-30	TP06	TP06	1.5	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53287-32	QA01	TP06		22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-7	TP02	TP02	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	-
53321-10	HA18	HA18	0.35	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-11	HA18	HA18	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-13	HA19	HA19	0.4	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-15	HA19	HA19	0.9	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-16	HA23	HA23	0.3	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-18	HA24	HA24	0.4	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	-
53321-19	HA25	HA25	0.2	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-2	HA04	HA04	0.4	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-20	HA25	HA25	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-23	TP09	TP09	0.5	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-24	TP09	TP09	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-3	HA05	HA05	0.25	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-4	HA05	HA05	0.5	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-7	HA13	HA13	1	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53321-9	HA17	HA17	0.25	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-1	TP45	TP45	0.1	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-11	HA32	HA32	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-12	HA29	HA29	0.13	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-14	HA29	HA29	0.6	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-16	HA30	HA30	0.16	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-2	TP45	TP45	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-20	HA36	HA36	0.2	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C
Table C1
Soil Analytical Results

					VOCs																												OC Pesticides	Amino Aliphatic		Amino Aromatics			Anilines						
					1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2,4-trichlorobenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,3-dichlorobenzene	1,4-dichlorobenzene	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Pentachloroethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Chlordane (Sumof Total) - Calc	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	1-naphthylamine	2-naphthylamine	Diphenylamine	2-nitroaniline	3-nitroaniline	4-chloroaniline	4-nitroaniline	2-methyl-5-nitroaniline	Aniline
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
USEPA Regional Screening Levels - residential soils																																													
NEPM 2013 Conservative EIL-Commercial/Industrial																																													
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																													
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																													
NEPM 2013 HIL Commercial/industrial D Soil																																													
NEPM 2013 HIL Recreational C Soil																																													
NEPM 2013 HIL Residential A Soil																																													
NEPM 2013 HIL Residential B Soil																																													
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																													
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																													
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																													
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																													
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																													
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																									
53366-25	HA31	HA31	0.2	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-27	HA31	HA31	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-29	QA03	HA31		23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-31	HA35	HA35	0.22	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53366-32	HA35	HA35	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-35	HA34	HA34	0.15	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-37	HA34	HA34	0.45	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-39	HA34	HA34	1.6	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-8	HA32	HA32	1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-9	HA32	HA32	0.12	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-1	TP21	TP21	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-10	TP29	TP29	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-12	TP30	TP30	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-14	TP30	TP30	1	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-15	TP30	TP30	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-16	TP31	TP31	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	-	-	-
53406-17	TP31	TP31	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-19	TP31	TP31	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-2	TP25	TP25	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-22	TP32	TP32	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-23	TP32	TP32	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-24	TP35	TP35	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-26	TP35	TP35	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-29	TP43	TP43	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-30	TP43	TP43	0.5	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-34	HA06	HA06	0.5	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-38	HA14	HA14	0.23	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-39	HA14	HA14	0.4	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-40	HA27	HA27	0.14	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-41	HA28	HA28	0.22	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53406-43	HA37	HA37	0.15	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-44	HA37	HA37	0.3	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-47	HA41	HA41	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-5	TP28	TP28	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-50	HA39	HA39	0.6	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-52	HA42	HA42	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-54	QA05	TP30		24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-6	TP28	TP28	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-8	TP29	TP29	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	-	-	-
53427-10	TP19	TP19	0.5	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-11	TP18	TP18	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-12	TP17	TP17	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-13	TP16	TP16	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-14	TP15	TP15	0.5	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-16	TP14	TP14	0.1	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-17	TP14	TP14	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-18	TP13	TP13	0.1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	-	-	-
53427-19	TP13	TP13	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-2	TP12	TP12	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-5	TP11	TP11	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-6	TP10	TP10	0.1	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53427-8	TP08	TP08	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-9	TP07	TP07	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-1	TP33	TP33	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-11	TP34	TP34	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-14	TP38	TP38	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-15	TP38	TP38	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-16	TP38	TP38	2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-17	TP40	TP40	0.5	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-18	TP40	TP40	1	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-19	TP40	TP40	2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-2	TP33	TP33	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-20	HA40	HA40	0.1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-21	HA40	HA40	0.3	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-22	HA40	HA40	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-23	HA40	HA40	0.9	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1[#2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Attachment C
Table C1
Soil Analytical Results

	VOCs																													OC Pesticides	Amino Aliphatic		Amino Aromatics			Anilines						
	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2,4-trichlorobenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,3-dichlorobenzene	1,4-dichlorobenzene	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Pentachloroethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichlorofluoromethane	Vinyl chloride	Chlordane (Sum of Total) - Calc	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	1-naphthylamine	2-naphthylamine	Diphenylamine	2-nitroaniline	3-nitroaniline	4-chloroaniline	4-nitroaniline	2-methyl-5-nitroaniline	Aniline
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
USEPA Regional Screening Levels - residential soils																																								
NEPM 2013 Conservative EIL-Commercial/Industrial																																								
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																																								
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																																								
NEPM 2013 HIL Commercial/industrial D Soil																																								
NEPM 2013 HIL Recreational C Soil																																								
NEPM 2013 HIL Residential A Soil																																								
NEPM 2013 HIL Residential B Soil																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																																								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																																								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																																								
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																																						
53456-24	HA33	HA33	0.1	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-25	HA33	HA33	0.4	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	HA44	HA44	0.27	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-28	HA44	HA44	0.35	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	HA26	HA26	0.45	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-30	QA07	TP39		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-31	QA08	TP39		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-32	QA10	HA44		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-5	TP39	TP39	0.5	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.2[#1]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
53456-6	TP39	TP39	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-7	TP39	TP39	1.9	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	TP34	TP34	0.2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	QA02	TP09		22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1[#2]	-	-	-	-	-	-	-	-	-	-	-
ES1106469001	QA06	HA33		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469002	QA09	TP34		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																									
Number of Results	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	38	31	31	31	31	31	31	31	31	31	31	31
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.19	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Changed from 10 mg/kg as per ERRATA Update 29 July 2013
#2:Changed from 0.7 mg/kg as per ERRATA Update 29 July 2013

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1. Some analytes are reported multiple time
#2 Combined by ESDAT using a Non-Detect Multiplier of 1. Some Analytes are missing from this Cor
#3 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C1
Soil Analytical Results

	Chlorinated Hydrocarbons							Explosives			Halogenated Benzenes			enated Hydroca		Halogenated Phenols							Herbicides
	1,1-dichloropropene	1,2-dibromo-3-chloropropane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Chloromethane	1,3-Dinitrobenzene	2,6-dinitrotoluene	Nitrobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromomethane	Dichlorodifluoromethane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	Dinoseb
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	2	1
USEPA Regional Screening Levels - residential soils																								
NEPM 2013 Conservative EIL-Commercial/Industrial																								
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																								
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																								
NEPM 2013 HIL Commercial/industrial D Soil																							660	
NEPM 2013 HIL Recreational C Soil																							120	
NEPM 2013 HIL Residential A Soil																							**100**	
NEPM 2013 HIL Residential B Soil																							130	
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																								
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																								
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																								
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																								
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																								
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																				
28731-1	GW1	GW1	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-10	GW2	GW2	1-1.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-14	GW3	GW3	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-20	GW4	GW4	0-0.2	05-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-26	GW5	GW5	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-30	BH1	BH1	0.1-0.3	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-33	BH4	BH4	0.1-0.3	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-38	BH4	BH4	3.8-4	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-40	BH5	BH5	0-0.2	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-46	BH5	BH5	4.8-5	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-49	AD2	AD2		06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-5	GW1	GW1	2.8-3	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28731-8	GW2	GW2	0.2-0.4	06-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-10	WS3	WS3	1.3-1.4	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-12	WS4	WS4	0.3-0.4	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-16	WS5	WS5	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-19	WS6	WS6	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-2	WS1	WS1	0.6-0.7	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-22	WS7	WS7	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-24	WS8	WS8	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-28	WS9	WS9	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-29	WS9	WS9	0.6-0.7	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-32	WS10	WS10	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-35	WS11	WS11	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-37	BH3	BH3	0-0.1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-38	BH3	BH3	0.5-0.6	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-39	BH3	BH3	0.9-1	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-40	AD1	AD1		14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-41	AD2	AD2		20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-5	WS2	WS2	0.3-0.4	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-7	WS3	WS3	0.2-0.3	14-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-20	WS6	WS6	0.2-0.3	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29052-A-21	WS6	WS6	0.7-0.8	20-May-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-1	TP01	TP01	0.1	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53287-11	TP03	TP03	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-12	TP03	TP03	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-17	TP04	TP04	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-23	TP05	TP05	1	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53287-26	TP05	TP05	2.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-27	TP06	TP06	0.1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-29	TP06	TP06	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-30	TP06	TP06	1.5	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53287-32	QA01	TP06		22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53287-7	TP02	TP02	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-10	HA18	HA18	0.35	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-11	HA18	HA18	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-13	HA19	HA19	0.4	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-15	HA19	HA19	0.9	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-16	HA23	HA23	0.3	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-18	HA24	HA24	0.4	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-19	HA25	HA25	0.2	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-2	HA04	HA04	0.4	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-20	HA25	HA25	0.5	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-23	TP09	TP09	0.5	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-24	TP09	TP09	1	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53321-3	HA05	HA05	0.25	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-4	HA05	HA05	0.5	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-7	HA13	HA13	1	22-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53321-9	HA17	HA17	0.25	22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-1	TP45	TP45	0.1	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53366-11	HA32	HA32	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-12	HA29	HA29	0.13	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-14	HA29	HA29	0.6	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53366-16	HA30	HA30	0.16	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-2	TP45	TP45	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-20	HA36	HA36	0.2	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C
Table C1
Soil Analytical Results

	Chlorinated Hydrocarbons							Explosives			Halogenated Benzenes			enated Hydroca		Halogenated Phenols							Herbicides
	1,1-dichloropropene	1,2-dibromo-3-chloropropane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Chloromethane	1,3-Dinitrobenzene	2,6-dinitrotoluene	Nitrobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromomethane	Dichlorodifluoromethane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	Dinoseb
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	2	1
USEPA Regional Screening Levels - residential soils																							
NEPM 2013 Conservative EIL-Commercial/Industrial																							
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																							
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																							
NEPM 2013 HIL Commercial/industrial D Soil																						660	
NEPM 2013 HIL Recreational C Soil																						120	
NEPM 2013 HIL Residential A Soil																						**100**	
NEPM 2013 HIL Residential B Soil																						130	
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																							
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																							
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																							
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																							
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																				
53366-25	HA31	HA31	0.2	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53366-27	HA31	HA31	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-29	QA03	HA31		23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-31	HA35	HA35	0.22	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53366-32	HA35	HA35	0.4	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-35	HA34	HA34	0.15	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-37	HA34	HA34	0.45	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-39	HA34	HA34	1.6	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-8	HA32	HA32	1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53366-9	HA32	HA32	0.12	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-1	TP21	TP21	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-10	TP29	TP29	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-12	TP30	TP30	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-14	TP30	TP30	1	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53406-15	TP30	TP30	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-16	TP31	TP31	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-17	TP31	TP31	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-19	TP31	TP31	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-2	TP25	TP25	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-22	TP32	TP32	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-23	TP32	TP32	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-24	TP35	TP35	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-26	TP35	TP35	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-29	TP43	TP43	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-30	TP43	TP43	0.5	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53406-34	HA06	HA06	0.5	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53406-38	HA14	HA14	0.23	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-39	HA14	HA14	0.4	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-40	HA27	HA27	0.14	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-41	HA28	HA28	0.22	24-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53406-43	HA37	HA37	0.15	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-44	HA37	HA37	0.3	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-47	HA41	HA41	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-5	TP28	TP28	1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-50	HA39	HA39	0.6	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-52	HA42	HA42	0.5	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-54	QA05	TP30		24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-6	TP28	TP28	2	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53406-8	TP29	TP29	0.1	24-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-10	TP19	TP19	0.5	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53427-11	TP18	TP18	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-12	TP17	TP17	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-13	TP16	TP16	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-14	TP15	TP15	0.5	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53427-16	TP14	TP14	0.1	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53427-17	TP14	TP14	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-18	TP13	TP13	0.1	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-19	TP13	TP13	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-2	TP12	TP12	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-5	TP11	TP11	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-6	TP10	TP10	0.1	23-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53427-8	TP08	TP08	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53427-9	TP07	TP07	0.5	23-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-1	TP33	TP33	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-11	TP34	TP34	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-14	TP38	TP38	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-15	TP38	TP38	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-16	TP38	TP38	2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-17	TP40	TP40	0.5	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53456-18	TP40	TP40	1	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53456-19	TP40	TP40	2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-2	TP33	TP33	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-20	HA40	HA40	0.1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-21	HA40	HA40	0.3	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-22	HA40	HA40	0.5	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-23	HA40	HA40	0.9	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

Attachment C
Table C1
Soil Analytical Results

	Chlorinated Hydrocarbons							Explosives			Halogenated Benzenes			enated Hydroca		Halogenated Phenols							Herbicides
	1,1-dichloropropene	1,2-dibromo-3-chloropropane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Chloromethane	1,3-Dinitrobenzene	2,6-dinitrotoluene	Nitrobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromomethane	Dichlorodifluoromethane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	Dinoseb
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	2	1
USEPA Regional Screening Levels - residential soils																							
NEPM 2013 Conservative EIL-Commercial/Industrial																							
NEPM 2013 Conservative EIL-Urban Residential- Public Open Space																							
NEPM 2013 ESL Urban residential and public open space, Coarse Soil																							
NEPM 2013 HIL Commercial/industrial D Soil																						660	
NEPM 2013 HIL Recreational C Soil																						120	
NEPM 2013 HIL Residential A Soil																						**100**	
NEPM 2013 HIL Residential B Soil																						130	
NEPM 2013 HSL A/B for Vapour Intrusion, 0 to <1m, Sand																							
NEPM 2013 HSL A/B for Vapour Intrusion, 1m to <2m, Sand																							
NEPM 2013 HSL A/B for Vapour Intrusion, 2m to <4m, Sand																							
NEPM 2013 HSL A/B for Vapour Intrusion, 4m+, Sand																							
NEPM 2013 Mgmt. Residential, parkland and public open space, Coarse Soil																							
SampleCode	**Field_ID**	**LocCode**	**Sample Depth (m)**	**Sampled_Date**																				
53456-24	HA33	HA33	0.1	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53456-25	HA33	HA33	0.4	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-27	HA44	HA44	0.27	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53456-28	HA44	HA44	0.35	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-29	HA26	HA26	0.45	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53456-30	QA07	TP39		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-31	QA08	TP39		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-32	QA10	HA44		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-5	TP39	TP39	0.5	25-Mar-11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
53456-6	TP39	TP39	1	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-7	TP39	TP39	1.9	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53456-9	TP34	TP34	0.2	25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106282001	QA02	TP09		22-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1106469001	QA06	HA33		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	-
ES1106469002	QA09	TP34		25-Mar-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																								
Number of Results					31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	32	32	32	32	32	32	31	31
Number of Detects					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<1
Minimum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration					<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1
Maximum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.49	0.49	0.49	0.49	0.49	4.9	0.5	0.5
Median Concentration					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5
Standard Deviation					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.044	0.044	0.044	0.044	0.044	0.71	0	0
Number of Guideline Exceedances					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Changed from 10 mg/kg as per ERRATA Update 29 July 2013
#2:Changed from 0.7 mg/kg as per ERRATA Update 29 July 2013

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1. Some analytes are reported multiple time
#2 Combined by ESDAT using a Non-Detect Multiplier of 1. Some Analytes are missing from this Cor
#3 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C2
Groundwater Analytical Results

	BTEX						Halogenated Phenols							Herbicides	Inorganics						Lead	Metals															
	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	Dinoseb	Ammonia	Ammonia as N	Cyanide Total	pH (Lab)	Sulphate as S	TDS	Lead (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Tin (Filtered)	Vanadium (Filtered)	Zinc (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	1	1	1	2	1	3	10	10	10	10	10	2	10	10	0.1	10	0.005	0.1	2	1	0.001	0.001	0.001	0.001	0.01	0.0001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001	0.005	0.001	0.005	0.001
ANZECC 2000 Freshwater Med-Low Reliability	**950**	**80**	**180**		**350**		**10**	**0.5**	**3**	**120**	**34**	**340**	**3.6**		**0.9**							**0.009**		**0.00013**				**0.0014**				**0.034**			**0.003**	**0.006**	
NEPM 2013 GILs, Drinking Water(B)	*1*	*300*	*800*			*600*			*20*	*200*		*300*	*10*				*0.08*				*0.01*	*0.003*	*0.01*	*0.06*	*4*	*0.002*	*0.051*[#1]		*2*	*0.5*	*0.001*	*0.05*	*0.02*	*0.01*			
NEPM 2013 GILs, Fresh Waters(A)	950				350		10		3	120		340	3.6			900	0.007				0.0034		0.013[#2]		0.37	0.0002	0.001[#1]		0.0014	1.9	0.00006		0.011	0.005			0.008
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand	800	NL	NL			NL																															
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand	800	NL	NL			NL																															
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand	900	NL	NL			NL																															
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**																																			
28923-4	AD1	AD1	15-May-09	<1	<1	<1	<2	<1	-	<10	<10	<10	<10	<10	<10	<100	<10	0.3	-	-	-	-	-	<0.001	-	<0.001	-	-	0.0002	<0.001	-	0.003	-	<0.0005	-	0.016	-	-	-	0.15
28923-3	BH4	BH4	15-May-09	<1	<1	<1	<2	<1	-	<10	<10	<10	<10	<10	<10	<100	<10	0.3	-	-	-	-	-	<0.001	-	<0.001	-	-	0.0002	<0.001	-	<0.001	-	<0.0005	-	0.016	-	-	-	0.15
S11-Ap30483	BH4	BH4	07-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	<2	<10	-	-	<10	<0.005	5.5	5.8	-	<0.001	<0.005	<0.001	<0.001	0.06	0.0002	0.008	<0.001	0.017	0.092	<0.0001	<0.001	*0.033*	0.008	<0.005	<0.005	0.2
28923-6	BH5	BH5	15-May-09	<1	<1	<1	<2	<1	-	<10	<10	<10	<10	<10	<10	<100	<10	0.3	-	-	-	-	-	<0.001	-	<0.001	-	-	<0.0001	<0.001	-	<0.001	-	<0.0005	-	<0.001	-	-	-	0.035
S11-Ap30381	BH5	BH5	06-Apr-11	<1	<1	<1	<2	<1	-	-	-	-	-	-	-	-	-	-	120	-	-	-	170	<0.001	<0.005	<0.001	-	0.11	<0.0001	0.003	<0.001	0.002	0.44	<0.0001	<0.001	0.006	<0.005	<0.005	<0.005	0.1
28923-2	GW1	GW1	15-May-09	<1	<1	<1	<2	<1	-	<10	<10	<10	<10	<10	<10	<100	<10	**1.4**	-	-	-	-	-	<0.001	-	<0.001	-	-	0.0008	0.002	-	0.004	-	<0.0005	-	*0.037*	-	-	-	0.2
S11-Ap30478	GW1	GW1	07-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	<2	<10	-	-	210	<0.005	5.8	290	-	<0.001	<0.005	0.007	**0.002**	0.03	*0.0021*	0.012	**0.17**	0.015	*6.6*	<0.0001	<0.001	*0.19*	0.009	<0.005	**0.034**	0.41
28923-1	GW2	GW2	15-May-09	<1	<1	<1	<2	<1	-	<10	<10	<10	<10	<10	<10	<100	<10	0.3	-	-	-	-	-	0.002	-	0.002	-	-	<0.0001	0.002	-	0.003	-	<0.0005	-	0.01	-	-	-	0.071
S11-Ap30479	GW2	GW2	07-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	<2	<10	-	-	350	**0.008**	6	52	-	<0.001	<0.005	0.005	<0.001	0.12	<0.0001	0.008	**0.024**	0.005	*0.81*	<0.0001	<0.001	*0.054*	0.006	<0.005	<0.005	0.053
28923-5	GW4	GW4	15-May-09	<1	<1	<1	<2	<1	-	<10	<10	<10	<10	<10	<10	<100	<10	**1.6**	-	-	-	-	-	<0.001	-	*0.018*	-	-	0.0002	<0.001	-	0.001	-	<0.0005	-	*0.052*	-	-	-	0.011
S11-Ap30480	GW4	GW4	07-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	-	-	-	-	170	-	-	-	8100	<0.001	<0.005	*0.034*	<0.001	-	0.0001	0.018	**0.012**	0.012	-	<0.0001	0.004	*0.071*	<0.005	<0.005	-	0.034
S11-Ap30481	GW6	GW6	07-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	-	-	-	-	2600	-	-	-	12,000	<0.001	<0.005	*0.02*	<0.001	-	0.0002	0.026	**0.034**	0.021	-	<0.0001	0.009	*0.094*	<0.005	<0.005	-	0.049
S11-Ap30382	GW7	GW7	06-Apr-11	<1	<1	<1	<2	<1	-	-	-	-	-	-	-	-	-	-	170	-	-	-	6500	<0.001	<0.005	*0.022*	-	0.05	0.0001	0.017	**0.14**	0.016	*8.6*	<0.0001	0.001	*0.15*	<0.005	<0.005	**0.015**	0.075
S11-Ap30384	QA1	GW7	06-Apr-11	<1	<1	<1	<2	<1	-	-	-	-	-	-	-	-	-	-	160	-	-	-	7000	<0.001	<0.005	*0.023*	-	0.05	0.0001	0.017	**0.13**	0.018	*9.2*	<0.0001	0.001	*0.15*	<0.005	<0.005	**0.11**	0.072
S11-Ap30383	GW8	GW8	06-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	-	-	-	-	2700	<0.005	6.8	220	-	<0.001	<0.005	*0.014*	<0.001	-	<0.0001	0.03	**0.007**	0.021	-	<0.0001	0.005	*0.18*	<0.005	<0.005	-	0.044
S11-Ap30482	GW9	GW9	07-Apr-11	<1	<1	<1	<2	<1	<3	-	-	-	-	-	-	-	-	-	40	-	-	-	5100	<0.001	<0.005	0.01	<0.001	-	0.0001	0.041	**0.022**	0.021	-	<0.0001	0.001	*0.11*	*0.038*	<0.005	-	0.15
ES1107512001	QA2		06-Apr-11	<1	<2	<5	<2	<2	-	-	-	-	-	-	-	-	-	-	260	-	-	-	220	<0.001	<0.001	0.001	-	0.14	<0.0001	<0.001	<0.001	<0.001	0.464	<0.0001	<0.001	0.005	<0.01	<0.001	<0.01	0.107
Statistical Summary																																					
Number of Results	17	17	17	17	17	7	6	6	6	6	6	9	9	6	6	11	4	4	4	7	17	11	17	7	7	17	17	11	17	7	17	11	17	11	11	7	17
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	1	4	4	7	1	0	11	1	7	11	12	8	14	7	0	6	16	4	0	3	17
Minimum Concentration	<1	<1	<1	<2	<1	<3	<10	<10	<10	<10	<10	<2	<10	<10	0.3	<10	<0.005	5.5	5.8	170	<0.001	<0.001	<0.001	<0.001	0.03	<0.0001	<0.001	<0.001	<0.001	0.092	<0.0001	<0.001	<0.001	<0.005	<0.001	<0.005	0.011
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	40	0.008	5.5	5.8	170	0.002	ND	0.001	0.002	0.03	0.0001	0.002	0.007	0.001	0.092	ND	0.001	0.005	0.006	ND	0.015	0.011
Maximum Concentration	<1	<2	<5	<2	<2	<3	<10	<10	<10	<10	<10	<10	<100	<10	1.6	2700	0.008	6.8	290	12000	0.002	<0.005	0.034	0.002	0.14	0.0021	0.041	0.17	0.021	9.2	<0.0005	0.009	0.19	0.038	<0.005	0.11	0.41
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	2700	0.008	6.8	290	12000	0.002	ND	0.034	0.002	0.14	0.0021	0.041	0.17	0.021	9.2	ND	0.009	0.19	0.038	ND	0.11	0.41
Average Concentration	0.5	0.53	0.62	1	0.53	1.5	5	5	5	5	5	3.7	35	5	0.7	617	0.0039	6	142	5584	0.00059	0.0023	0.0094	0.00071	0.08	0.00027	0.011	0.049	0.0094	3.7	0.00012	0.0021	0.069	0.0074	0.0023	0.025	0.11
Median Concentration	0.5	0.5	0.5	1	0.5	1.5	5	5	5	5	5	5	50	5	0.3	170	0.0025	5.9	136	6500	0.0005	0.0025	0.005	0.0005	0.06	0.0001	0.008	0.022	0.005	0.81	0.00005	0.001	0.052	0.0025	0.0025	0.005	0.075
Standard Deviation	0	0.12	0.49	0	0.12	0	0	0	0	0	0	2	23	0	0.62	1010	0.0028	0.56	135	4256	0.00036	0.0006	0.011	0.00057	0.042	0.0005	0.012	0.064	0.0083	4.2	0.000099	0.0028	0.065	0.01	0.0006	0.039	0.096
Number of Guideline Exceedances	0	0	0	0	0	0	0	6	6	0	0	0	9	0	2	2	1	0	0	0	0	10	6	7	0	2	12	8	13	4	17	0	13	5	10	4	17
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	6	1	0	2	12	8	13	4	0	0	13	4	0	3	17

Env Stds Comments
#1:Cr(VI) GL used
#2:As(V) GL used
#3:D

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C2
Groundwater Analytical Results

		Nitroaromatics	Organochlorine Pesticides																					Organophosphorous Pes			PAH	PAH/Phenols																										
		Pentachloronitrobenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Ethyl methanesulfonate	Isosafrole (trans)	Safrole	7,12-dimethylbenz(a)anthracene	2,4-dimethylphenol	2,4-dinitrophenol	2-chloronaphthalene	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	3-methylcholanthrene	3-Methylphenol	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)&(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	10	10	10	10	10	0.1	10	10	2	2	4	10	10	100	2	0.02	100	1	1	10	1	1	1	2	10	1
ANZECC 2000 Freshwater Med-Low Reliability			**0.03**		**0.001**						**0.006**	**0.01**		**0.007**		**0.01**			**0.2**	**0.01**		**0.05**	**0.005**					**2**	**0.045**				**2**							**58**				**0.01**		**0.1**			
NEPM 2013 GILs, Drinking Water(B)		*30*									*9*								*10*		*0.3*																								*0.01*			
NEPM 2013 GILs, Fresh Waters(A)											0.006					0.01			0.2	0.01									0.045																					
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand																																																			
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand																																																			
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand																																																			
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**																																																	
28923-4	AD1	AD1	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	-	<10	<10	<100	-	<0.02	<100	<10	<10	<10	<10	<10	<10	-	<10	<10
28923-3	BH4	BH4	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	-	<10	<10	<100	-	<0.02	<100	<10	<10	<10	<10	<10	<10	-	<10	<10
S11-Ap30483	BH4	BH4	07-Apr-11	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	-	-	-	-	-	-	-	-	<2	<2	<4	-	-	-	<2	-	-	<1	<1	-	<1	<1	<1	<2	-	<1
28923-6	BH5	BH5	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	-	<10	<10	<100	-	<0.02	<100	<10	<10	<10	<10	<10	<10	-	<10	<10
S11-Ap30381	BH5	BH5	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-2	GW1	GW1	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	-	<10	<10	<100	-	<0.02	<100	<10	<10	<10	<10	<10	<10	-	<10	<10
S11-Ap30478	GW1	GW1	07-Apr-11	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	-	-	-	-	-	-	-	-	<2	<2	<4	-	-	-	<2	-	-	<1	<1	-	<1	<1	<1	<2	-	<1
28923-1	GW2	GW2	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	-	<10	<10	<100	-	<0.02	<100	<10	<10	<10	<10	<10	<10	-	<10	<10
S11-Ap30479	GW2	GW2	07-Apr-11	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	-	-	-	-	-	-	-	-	<2	<2	<4	-	-	-	<2	-	-	<1	<1	-	<1	<1	<1	<2	-	<1
28923-5	GW4	GW4	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	-	<10	<10	<100	-	<0.02	<100	<10	<10	<10	<10	<10	<10	-	<10	<10
S11-Ap30480	GW4	GW4	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30481	GW6	GW6	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30382	GW7	GW7	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30384	QA1	GW7	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30383	GW8	GW8	06-Apr-11	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<1	-	<1	<1	<1	<2	-	<1
S11-Ap30482	GW9	GW9	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1107512001	QA2		06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																																				
Number of Results		6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	4	10	10	10	10	4	6	6	6	6	6	6	6	6	9	9	3	6	6	6	3	6	6	10	10	6	10	10	10	4	6	10
Number of Detects		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration		<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<10	<10	<10	<10	<10	<0.1	<10	<10	<2	<2	<4	<10	<10	<100	<2	<0.02	<100	<1	<1	<10	<1	<1	<1	<2	<10	<1
Minimum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.5	<10	<10	<10	<10	<10	<2	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	<4	<10	<10	<100	<2	<0.02	<100	<10	<10	<10	<10	<10	<10	<2	<10	<10
Maximum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.4	3.1	3.1	3.1	3.1	3.1	3.1	0.25	3.1	3.1	3.1	3.1	1	5	5	5	5	5	0.05	5	5	3.7	3.7	2	5	5	50	1	0.01	50	3.2	3.2	5	3.2	3.2	3.2	1	5	3.2
Median Concentration		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.25	5	5	5	5	1	5	5	5	5	5	0.05	5	5	5	5	2	5	5	50	1	0.01	50	5	5	5	5	5	5	1	5	5
Standard Deviation		0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1	2.5	2.5	2.5	2.5	2.5	2.5	0	2.5	2.5	2.5	2.5	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2.3	2.3	0	2.3	2.3	2.3	0	0	2.3
Number of Guideline Exceedances		0	10	0	10	0	0	0	0	0	10	10	0	10	0	10	0	0	10	10	10	10	4	0	0	0	0	6	6	0	0	0	6	0	0	0	0	0	0	0	6	0	0	0	10	0	10	0	0	0
Number of Guideline Exceedances(Detects Only)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Cr(VI) GL used
#2:As(V) GL used
#3:D

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C2
Groundwater Analytical Results

															MAH								
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				10	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1
ANZECC 2000 Freshwater Med-Low Reliability							**1**			**16**		**0.6**	**320**				**30**						
NEPM 2013 GILs, Drinking Water(B)																						*30*	
NEPM 2013 GILs, Fresh Waters(A)										16			320										
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand										NL													
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand										NL													
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand										NL													
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**																				
28923-4	AD1	AD1	15-May-09	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
28923-3	BH4	BH4	15-May-09	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30483	BH4	BH4	07-Apr-11	-	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	-	-	<1	-	-	-	-	<1	-
28923-6	BH5	BH5	15-May-09	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30381	BH5	BH5	06-Apr-11	-	-	-	-	-	-	<5	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
28923-2	GW1	GW1	15-May-09	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30478	GW1	GW1	07-Apr-11	-	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	-	-	<1	-	-	-	-	<1	-
28923-1	GW2	GW2	15-May-09	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30479	GW2	GW2	07-Apr-11	-	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	-	-	<1	-	-	-	-	<1	-
28923-5	GW4	GW4	15-May-09	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30480	GW4	GW4	07-Apr-11	-	-	-	-	-	-	<5	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30481	GW6	GW6	07-Apr-11	-	-	-	-	-	-	<5	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30382	GW7	GW7	06-Apr-11	-	-	-	-	-	-	<5	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30384	QA1	GW7	06-Apr-11	-	-	-	-	-	-	<5	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30383	GW8	GW8	06-Apr-11	-	<1	<1	<1	<1	<1	<1	<2	<1	-	<1	-	-	<5	-	-	-	-	<5	-
S11-Ap30482	GW9	GW9	07-Apr-11	-	-	-	-	-	-	<5	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
ES1107512001	QA2		06-Apr-11	-	-	-	-	-	-	<7	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5
Statistical Summary																							
Number of Results				6	10	10	10	10	10	17	4	10	9	10	13	13	17	13	13	13	13	17	13
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<10	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<10	<10	<10	<10	<10	<10	<10	<2	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				5	3.2	3.2	3.2	3.2	3.2	3	1	3.2	3.7	3.2	1.6	1.6	1.4	1.6	1.6	1.6	1.6	1.4	1.6
Median Concentration				5	5	5	5	5	5	2.5	1	5	5	5	2.5	2.5	0.5	2.5	2.5	2.5	2.5	0.5	2.5
Standard Deviation				0	2.3	2.3	2.3	2.3	2.3	1.8	0	2.3	2	2.3	1	1	1	1	1	1	1	1	1
Number of Guideline Exceedances				0	0	0	6	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Phthalates						Polychlorinated Biphenyls						
				Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Arochlor 1016	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				10	10	10	10	10	10	5	5	5	5	5	5	1
ANZECC 2000 Freshwater Med-Low Reliability				**1**		**1000**	**3700**	**25**		**0.001**	**0.3**	**0.3**	**0.03**	**0.01**		
NEPM 2013 GILs, Drinking Water(B)				*10*												
NEPM 2013 GILs, Fresh Waters(A)						1000	3700	10				0.3		0.01		
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand																
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand																
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand																
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**													
28923-4	AD1	AD1	15-May-09	<10	<10	<10	<10	<10	<10	-	-	-	-	-	-	-
28923-3	BH4	BH4	15-May-09	<10	<10	<10	<10	<10	<10	-	-	-	-	-	-	-
S11-Ap30483	BH4	BH4	07-Apr-11	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<20
28923-6	BH5	BH5	15-May-09	<10	<10	<10	<10	<10	<10	-	-	-	-	-	-	-
S11-Ap30381	BH5	BH5	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-2	GW1	GW1	15-May-09	<10	<10	<10	<10	<10	<10	-	-	-	-	-	-	-
S11-Ap30478	GW1	GW1	07-Apr-11	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<20
28923-1	GW2	GW2	15-May-09	<10	<10	<10	<10	<10	<10	-	-	-	-	-	-	-
S11-Ap30479	GW2	GW2	07-Apr-11	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<20
28923-5	GW4	GW4	15-May-09	<10	<10	21	<10	<10	<10	-	-	-	-	-	-	-
S11-Ap30480	GW4	GW4	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30481	GW6	GW6	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30382	GW7	GW7	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30384	QA1	GW7	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30383	GW8	GW8	06-Apr-11	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	-
S11-Ap30482	GW9	GW9	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1107512001	QA2		06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																
Number of Results				6	6	6	6	6	6	4	4	4	4	4	4	3
Number of Detects				0	0	1	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<10	<10	<10	<10	<10	<10	<5	<5	<5	<5	<5	<5	<20
Minimum Detect				ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<10	<10	21	<10	<10	<10	<5	<5	<5	<5	<5	<5	<20
Maximum Detect				ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				5	5	7.7	5	5	5	2.5	2.5	2.5	2.5	2.5	2.5	10
Median Concentration				5	5	5	5	5	5	2.5	2.5	2.5	2.5	2.5	2.5	10
Standard Deviation				0	0	6.5	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				6	0	0	0	0	0	4	4	4	4	4	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0

				Solvents									SVOCs												
				Methyl Ethyl Ketone	2-hexanone (MBK)	2-pentanone	4-Methyl-2-pentanone	Carbon disulfide	Cyclohexane	Ethyl acetate	Isophorone	Vinyl acetate	1,2,4,5-tetrachlorobenzene	2-(acetylamino) fluorene	4-(dimethylamino) azobenzene	4-bromophenyl phenyl ether	4-chlorophenyl phenyl ether	Azobenzene	Benzyl alcohol	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	Carbazole	Dibenzofuran	Hexachlorocyclopentadiene
				µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				5	5	5	5		0.001	5	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10
ANZECC 2000 Freshwater Med-Low Reliability								**20**			**120**		**5**												**0.05**
NEPM 2013 GILs, Drinking Water(B)																									
NEPM 2013 GILs, Fresh Waters(A)																									
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand																									
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand																									
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand																									
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**																						
28923-4	AD1	AD1	15-May-09	-	-	-	-	-	<0.001	-	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
28923-3	BH4	BH4	15-May-09	-	-	-	-	-	<0.001	-	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30483	BH4	BH4	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-6	BH5	BH5	15-May-09	-	-	-	-	-	<0.001	-	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30381	BH5	BH5	06-Apr-11	<5	<5	<5	<5	-	-	-	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-2	GW1	GW1	15-May-09	-	-	-	-	-	<0.001	-	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30478	GW1	GW1	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-1	GW2	GW2	15-May-09	-	-	-	-	-	<0.001	-	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30479	GW2	GW2	07-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-5	GW4	GW4	15-May-09	-	-	-	-	-	<0.001	-	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30480	GW4	GW4	07-Apr-11	<5	<5	<5	<5	-	-	<5	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30481	GW6	GW6	07-Apr-11	<5	<5	<5	<5	-	-	<5	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30382	GW7	GW7	06-Apr-11	<5	<5	<5	<5	-	-	-	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30384	QA1	GW7	06-Apr-11	<5	<5	<5	<5	-	-	-	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30383	GW8	GW8	06-Apr-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30482	GW9	GW9	07-Apr-11	<5	<5	<5	<5	-	-	-	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1107512001	QA2		06-Apr-11	<50	<50	-	<50	<5	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																									
Number of Results				7	7	6	7	1	6	2	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<5	<5	<0.001	<5	<10	<5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<50	<50	<5	<50	<5	<0.001	<5	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				5.7	5.7	2.5	5.7		0.0005		5	5.7	5	5	5	5	5	5	5	5	5	5	5	5	5
Median Concentration				2.5	2.5	2.5	2.5	2.5	0.0005	2.5	5	2.5	5	5	5	5	5	5	5	5	5	5	5	5	5
Standard Deviation				8.5	8.5	0	8.5		0		0	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Cr(VI) GL used
#2:As(V) GL used
#3:D

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C2
Groundwater Analytical Results

SampleCode	Field_ID	LocCode	Sampled_Date	Hexachloroethane	Hexachloropropene	Methapyrilene	N-nitrosomorpholine	N-nitrosopiperidine	Pentachlorobenzene	Phenacetin	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)
											TPH				
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				10	10	10	10	10	10	10	10	50	100	50	50
ANZECC 2000 Freshwater Med-Low Reliability				**290**					**1.5**						
NEPM 2013 GILs, Drinking Water(B)															
NEPM 2013 GILs, Fresh Waters(A)				290[#3]											
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand											1000	1000			
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand											1000	1000			
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand											1000	1000			
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**												
28923-4	AD1	AD1	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<100	<250[#1]
28923-3	BH4	BH4	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<100	<250[#1]
S11-Ap30483	BH4	BH4	07-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
28923-6	BH5	BH5	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<100	<250[#1]
S11-Ap30381	BH5	BH5	06-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
28923-2	GW1	GW1	15-May-09	<10	<10	<10	<10	<10	<10	<10	200	<50	<100	<100	<250[#1]
S11-Ap30478	GW1	GW1	07-Apr-11	-	-	-	-	-	-	-	30	50	<100	100	200 - 250[#1]
28923-1	GW2	GW2	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<100	<250[#1]
S11-Ap30479	GW2	GW2	07-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
28923-5	GW4	GW4	15-May-09	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<100	<250[#1]
S11-Ap30480	GW4	GW4	07-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
S11-Ap30481	GW6	GW6	07-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
S11-Ap30382	GW7	GW7	06-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
S11-Ap30384	QA1	GW7	06-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
S11-Ap30383	GW8	GW8	06-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
S11-Ap30482	GW9	GW9	07-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<100	<200[#1]
ES1107512001	QA2		06-Apr-11	-	-	-	-	-	-	-	<20	<50	<100	<50	<50[#1]
Statistical Summary															
Number of Results				6	6	6	6	6	6	6	17	17	17	17	17
Number of Detects				0	0	0	0	0	0	0	2	1	0	1	1
Minimum Concentration				<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<50	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	30	50	ND	100	200
Maximum Concentration				<10	<10	<10	<10	<10	<10	<10	200	50	<100	100	250
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	200	50	ND	100	250
Average Concentration				5	5	5	5	5	5	5	21	26	50	51	112
Median Concentration				5	5	5	5	5	5	5	10	25	50	50	100
Standard Deviation				0	0	0	0	0	0	0	47	6.1	0	14	38
Number of Guideline Exceedances				0	0	0	0	0	6	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0

SampleCode	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2,4-trichlorobenzene	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,3-dichlorobenzene	1,4-dichlorobenzene	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorobenzene
	VOCs																	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANZECC 2000 Freshwater Med-Low Reliability		**270**	**400**	**6500**	**90**	**700**	**3**		**85**		**160**	**1900**	**260**	**60**			**240**	**55**
NEPM 2013 GILs, Drinking Water(B)						*30*	*30*		*30*		*1500*	*3*		*40*			*3*	*300*
NEPM 2013 GILs, Fresh Waters(A)				6500			3		85		160		260	60				
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand																		
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand																		
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand																		
28923-4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
28923-3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30483	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5
28923-6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30381	<5	<5	-	<5	-	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
28923-2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30478	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5
28923-1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30479	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5
28923-5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
S11-Ap30480	<5	<5	-	<5	-	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30481	<5	<5	-	<5	-	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30382	<5	<5	-	<5	-	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30384	<5	<5	-	<5	-	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
S11-Ap30383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5
S11-Ap30482	<5	<5	-	<5	-	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
ES1107512001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Statistical Summary																		
Number of Results	13	13	7	13	7	13	7	13	13	13	13	13	13	13	13	13	13	17
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	1.6	1.6	0.79	1.6	0.79	1.6	0.79	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8
Median Concentration	2.5	2.5	0.5	2.5	0.5	2.5	0.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation	1	1	0.76	1	0.76	1	0.76	1	1	1	1	1	1	1	1	1	1	0.99
Number of Guideline Exceedances	0	0	0	0	0	0	1	0	0	0	0	7	0	0	0	0	7	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SampleCode	Chlorodibromomethane	Chloroethane	Chloroform	cis-1,2-dichloroethene	cis-1,3-dichloropropene	cis-1,4-Dichloro-2-butene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Iodomethane	Pentachloroethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	trans-1,4-Dichloro-2-butene	Trichlorofluoromethane	Vinyl chloride
	VOCs																	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	10	1	1	1		1	20	1		5	1	1	1	1		10	10
ANZECC 2000 Freshwater Med-Low Reliability			**370**					**4000**	**0.04**		**80**	**330**	**70**					**100**
NEPM 2013 GILs, Drinking Water(B)								*4*	*0.7*				*50*					*0.3*
NEPM 2013 GILs, Fresh Waters(A)																		
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand																		
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand																		
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand																		
28923-4	<1	<10	<1	<1	<1	-	<1	-	<1	-	<10	<1	<1	<1	<1	-	<10	<10
28923-3	<1	<10	<1	<1	<1	-	<1	-	<1	-	<10	<1	<1	<1	<1	-	<10	<10
S11-Ap30483	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
28923-6	<1	<10	<1	<1	<1	-	<1	-	<1	-	<10	<1	<1	<1	<1	-	<10	<10
S11-Ap30381	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
28923-2	<1	<10	<1	98	<1	-	<1	-	<1	-	<10	18	***200***	1	<1	-	<10	*22*
S11-Ap30478	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	20	<5	<5	-	<50	<50
28923-1	<1	<10	<1	<1	<1	-	<1	-	<1	-	<10	<1	<1	<1	<1	-	<10	<10
S11-Ap30479	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
28923-5	<1	<10	<1	<1	<1	-	<1	-	<1	-	<10	<1	<1	<1	<1	-	<10	<10
S11-Ap30480	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
S11-Ap30481	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
S11-Ap30382	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
S11-Ap30384	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
S11-Ap30383	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
S11-Ap30482	<5	<50	<5	<5	<5	-	-	<20	<5	-	-	<5	<5	<5	<5	-	<50	<50
ES1107512001	<5	<50	<5	<5	<5	<5	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Statistical Summary																		
Number of Results	17	17	17	17	17	1	7	10	17	1	7	17	17	17	17	1	17	17
Number of Detects	0	0	0	1	0	0	0	0	0	0	0	1	2	1	0	0	0	1
Minimum Concentration	<1	<10	<1	<1	<1	<5	<1	<20	<1	<5	<5	<1	<1	<1	<1	<5	<10	<10
Minimum Detect	ND	ND	ND	98	ND	ND	ND	ND	ND	ND	ND	18	20	1	ND	ND	ND	22
Maximum Concentration	<5	<50	<5	98	<5	<5	<5	<20	<5	<5	<10	18	200	<5	<5	<5	<50	<50
Maximum Detect	ND	ND	ND	98	ND	ND	ND	ND	ND	ND	ND	18	200	1	ND	ND	ND	22
Average Concentration	1.8	18	1.8	7.5	1.8		0.79	10	1.8		4.6	2.8	15	1.8	1.8		18	19
Median Concentration	2.5	25	2.5	2.5	2.5	2.5	0.5	10	2.5	2.5	5	2.5	2.5	2.5	2.5	2.5	25	25
Standard Deviation	0.99	9.9	0.99	23	0.99		0.76	0	0.99		0.94	4	48	0.95	0.99		9.9	9.3
Number of Guideline Exceedances	0	0	0	0	0	0	0	10	17	0	0	0	1	0	0	0	0	17
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

Env Stds Comments
#1:Cr(VI) GL used
#2:As(V) GL used
#3:D

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1.

Attachment C
Table C2
Groundwater Analytical Results

	Chlorinated Hydrocarbons							Explosives			logenated Benzen			nated Hydro								nino Aliphat		Amino Aromatics			Anilines					
	1,1-dichloropropene	1,2-dibromo-3-chloropropane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Chloromethane	1,3-Dinitrobenzene	2,6-dinitrotoluene	Nitrobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromomethane	Dichlorodifluoromethane	>C10 - C16 Fraction	>C10 - C40 Fraction (sum)	>C16 - C34 Fraction	>C34 - C40 Fraction	C6 - C10 Fraction	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	1-naphthylamine	2-naphthylamine	Diphenylamine	2-nitroaniline	3-nitroaniline	4-chloroaniline	4-nitroaniline	2-methyl-5-nitroaniline	Aniline
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	1	10	0.01	10	10	1	1	1	10	10						10	10	10	10	10	10	10	10	10	10	10
ANZECC 2000 Freshwater Med-Low Reliability			**900**	**1100**				**0.013**	**0.3**	**550**																					**8**
NEPM 2013 GILs, Drinking Water(B)														*1*																	
NEPM 2013 GILs, Fresh Waters(A)																															8
NEPM 2013 GW HSL A/B Vapour Intrusion, 2m to <4m, Sand																															
NEPM 2013 GW HSL A/B Vapour Intrusion, 4m to <8m, Sand																															
NEPM 2013 GW HSL A/B Vapour Intrusion, 8m+, Sand																															
SampleCode	**Field_ID**	**LocCode**	**Sampled_Date**																													
28923-4	AD1	AD1	15-May-09	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
28923-3	BH4	BH4	15-May-09	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30483	BH4	BH4	07-Apr-11	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-6	BH5	BH5	15-May-09	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30381	BH5	BH5	06-Apr-11	-	<5	<5	<5	-	-	<50	-	-	-	<5	<5	<5	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-2	GW1	GW1	15-May-09	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30478	GW1	GW1	07-Apr-11	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-1	GW2	GW2	15-May-09	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30479	GW2	GW2	07-Apr-11	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28923-5	GW4	GW4	15-May-09	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
S11-Ap30480	GW4	GW4	07-Apr-11	-	<5	<5	<5	<5	-	<50	-	-	-	<5	<5	<5	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30481	GW6	GW6	07-Apr-11	-	<5	<5	<5	<5	-	<50	-	-	-	<5	<5	<5	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30382	GW7	GW7	06-Apr-11	-	<5	<5	<5	-	-	<50	-	-	-	<5	<5	<5	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30384	QA1	GW7	06-Apr-11	-	<5	<5	<5	-	-	<50	-	-	-	<5	<5	<5	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30383	GW8	GW8	06-Apr-11	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S11-Ap30482	GW9	GW9	07-Apr-11	-	<5	<5	<5	<5	-	<50	-	-	-	<5	<5	<5	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES1107512001	QA2		06-Apr-11	<5	<5	<5	<5	<5	-	<50	-	-	-	<5	<5	<5	<50	<50	<0.1	<0.1	<0.1	<0.1	<0.02	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																	
Number of Results	7	13	13	13	10	6	17	6	6	6	13	13	13	13	17	1	1	1	1	1	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<1	<1	<1	<1	<1	<10	<0.01	<10	<10	<1	<1	<1	<10	<10	<0.1	<0.1	<0.1	<0.1	<0.02	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<5	<5	<5	<5	<1	<50	<0.01	<10	<10	<5	<5	<5	<50	<50	<0.1	<0.1	<0.1	<0.1	<0.02	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.79	1.6	1.6	1.6	1.3	0.5	18	0.005	5	5	1.6	1.6	1.6	16	18						5	5	5	5	5	5	5	5	5	5	5
Median Concentration	0.5	2.5	2.5	2.5	0.5	0.5	25	0.005	5	5	2.5	2.5	2.5	25	25	0.05	0.05	0.05	0.05	0.01	5	5	5	5	5	5	5	5	5	5	5
Standard Deviation	0.76	1	1	1	1	0	9.9	0	0	0	1	1	1	10	9.9						0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	6	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Env Stds Comments
#1:Cr(VI) GL used
#2:As(V) GL used
#3:D

Data Comments
#1 Combined by ESDAT using a Non-Detect Multiplier of 1.