

SMEC Testing Services Pty Ltd

ACN 101 164 790 ABN 20 101 164 702

CONSULTING GEOTECHNICAL & ENVIRONMENTAL ENGINEERS

Phone: (02) 9756 2166. Fax: (02) 9756 1137 Email: enquiries@smectesting.com.au Lind 1-6 1 Conspensions Place WETHERNEL PARK HISW 2104

PO BOX 6949 Visitoriii Puls NSW 2784

PRELIMINARY SITE INVESTIGATION 2-6 BOLD STREET AND 80-82 COWPER STREET, GRANVILLE, NEW SOUTH WALES

FOR

DESIGNER HOME CONSTRUCTIONS PTY LTD

PROJECT NO. 19305/3375C REPORT NO. 14/1646A March 2017



TAB	LE OF	PAGE NO.	
EXE	CUTIV	E SUMMARY	
1.	INTR	RODUCTION	1
2.	RED	EVELOPMENT AND PROPOSED LAND USE	2
3.	SITE	IDENTIFICATION	2
4.	SITE	FEATURES	2
5.	GEO	LOGY AND HYDROGEOLOGY	3
7.8.9.	6.1 6.2 6.3 6.4 6.5 6.6 POTI DAT. FIEL 9.1 9.2	Section 149(2) Certificates Historical Title Search WorkCover NSW Records NSW EPA Records Site History Summary ENTIAL CONTAMINATION SOURCES A QUALITY OBJECTIVES D INVESTIGATION Sampling Methodology Sample Handling and Equipment Decontamination	4 5 6 6 8 9 9 9 10 12 12 12 13
10.	9.3 9.4 QUA 10.1 10.2 10.3	Analytical Program Soil Vapour Survey LITY ASSURANCE PROGRAM Quality Control Sampling Quality Control Criteria Laboratory Quality Control	14 14 15 15 17 17
11.	ASSI 11.1	ESSMENT CRITERIA Criteria for this Assessment	18 19



TAB	LE OF	CONTENTS (CONT.)	PAGE NO.
12.	ANA	LYTICAL RESULTS AND INTERPRETATION	21
	12.1	Evaluation of Human Health Impacts	22
	12.2	Evaluation of Environmental Impacts	22
		Risk of Groundwater Impacts	22
	12.4	Potential for Off-Site Migration of Contamination	22
	12.5	Duty to Report Site Contamination	23
	12.6	Assessment Outcomes	23
13.	EVA	LUATION OF QUALITY ASSURANCE	24
	13.1	Field Duplicate Sample Results	24
	13.2	Laboratory Quality Control Program	24
	13.3	Procedure Based Quality Control	24
14.	CON	CLUSIONS AND RECOMMENDATIONS	25
15.	LIMI	TATIONS	26
	DRA	WING NO. 14/1646/1 - SITE LOCATION	
	DRA	WING NO. 14/1646/2 - SITE FEATURES AND SAMPI	LING LOCATIONS
	TAB	LES OF RESULTS	
	APPE	ENDIX A: AERIAL PHOTOGRAPHY	
	APPE	ENDIX B: SECTION 149 (2) CERTIFICATES	
	APPE	ENDIX C: HISTORICAL LAND TITLE INFORMATIO	N
	APPE	ENDIX D: WORKCOVER NSW INFORMATION	

APPENDIX E: SOIL PROFILE LOG SHEETS

APPENDIX F: CHAIN OF CUSTODY DOCUMENTATION
APPENDIX G: ANALYTICAL LABORATORY REPORTS



EXECUTIVE SUMMARY

A preliminary site investigation (PSI) was performed for the property at 2-6 Bold Street and 80-82 Cowper Street, Granville, New South Wales for Designer Homes Constructions Pty Limited. The objectives of the investigation were to provide advice on the potential for environmental exposures at the property due to soil contamination that may be significant for a high-density residential land use setting. The investigation was performed in accordance with Environment Protection Authority (EPA) and national guidelines for the assessment and management of site contamination.

The site is approximately 2 200 m² and was initially used for residential purposes and this use of the land continued in the eastern portion of the site until the 1990s. However, two allotments which form the western portion of the site had been redeveloped for a commercial/industrial use by the mid-1990s. By 2002 the remnant houses in the east of the site had been removed, and this portion of the property has remained undeveloped until the present day, although this area has been used for the storage of miscellaneous goods/materials and also for car parking. Known or expected commercial/industrial activities that have occurred at the site include the maintenance and repair of motor vehicles and the storage of building materials.

Soil was sampled at four locations across the site for this investigation. The results of the sampling program show that the concentrations of chemical contaminants measured in the soil samples retrieved from the site are low and below levels that would present an unacceptable risk to human-health and the environmental for a high density residential land use setting. That is, the site is expected to be suitable for the proposed mixed commercial and high-density residential redevelopment. However, given that the site is proposed to be bulk excavated for a basement car parking facility, further soil sampling will be necessary to appropriately classify the soils for off-site disposal purposes.

Smec Testing Services

1. INTRODUCTION

SMEC Testing Services Pty Limited (STS) was engaged by Designer Homes Constructions Pty Limited to undertake a preliminary site investigation (PSI) for the property at 2-6 Bold Street and 80-82 Cowper Street, Granville, NSW (the 'site').

The objectives of the PSI were to provide advice on the potential for environmental exposures at the property that may be significant for a high-density residential land use setting. The investigation was performed in accordance with Environment Protection Authority (EPA) and national guidelines for the assessment and management of site contamination.

The scope of the PSI included:

- Review of historical land title information relating to the site;
- Examination of aerial photographs to identify historical land uses at the site and its surrounds;
- Review of local Council, EPA and WorkCover NSW records;
- Site inspection;
- Appraisal of local geology and hydrogeology;
- Soil sampling from four locations across the site, and laboratory analysis of the soil samples retrieved for a broad screen of potential contaminants;
- Assessment of analytical data and quality assurance (QA);
- Appraisal of the contaminant concentrations in the soil on the site based on the results of the investigation, including an appraisal of potential harm to human-health and the environment, potential exposure pathways and off-site impacts;
- Recommendations for the site in accordance with EPA guidelines; and
- Preparation of a confidential report to Designer Home Constructions Pty Limited on the results of the investigation.

Smec Testing Services

2. REDEVELOPMENT AND PROPOSED LAND USE

We understand that the site is proposed to be redeveloped for mixed land use, which will involve the demolition of all existing buildings and the construction of a new sixteen-story residential unit complex with ground floor commercial space. A two level basement car parking facility is also proposed, which will require bulk excavation of the site to approximately 6 m below the existing ground surface.

3. SITE IDENTIFICATION

The site at 2-6 Bond Street and 80-82 Cowper Street, Granville has an area of approximately 2 200 m² in area and is defined as Lots 17-21 in Deposited Plan (DP) 7553 and Lot 22 in DP 651169, Parish of Liberty Plains, County of Cumberland. The location of the site is shown on Drawing No. 14/1646/1.

The site is within the Parramatta City Council local government area, and is zoned 'Zone B4 – Mixed Use'.

4. SITE FEATURES

The site was inspected on 28 August 2013 to confirm the condition of the land and to identify potential contamination sources. A plan showing the current site configuration is shown on Drawing No. 14/1646/2. The key site features as determined by the site inspection are:

- The site is essentially flat, however, the land has a natural gentle slope to the north.
 This morphology suggests that filling may have occurred for levelling purposes.
- A factory/warehouse style building occupies the western portion of the site and the land surrounding the building is covered in concrete pavements. No built structures are present in the larger eastern portion of the property, although this section of the property is enclosed by a wire fence.

SMEC Testing Services

The western portion of the site is used as a smash repairs facility for motor vehicles,

and comprises a main workshop area as well as offices. The north-eastern portion of

the site is being used to store motor vehicles which are awaiting repairs as well as

for general car parking. The south-eastern portion of the site is being used for store

formwork and other building materials.

No evidence of below ground facilities such as underground petroleum storage

systems, pits or sumps was observed on the site.

The land surrounding the site is being used for commercial/industrial purposes, and

a railway line occupies the land to the south.

5. GEOLOGY AND HYDROGEOLOGY

The Geological Survey of NSW 1:100,000 Sydney geological sheet (Sheet No. 9130) shows

the site is underlain by the Triassic Age 'Ashfield Shale' formation, which is stated as

comprising black to dark grey shale and laminite.

The natural soils encountered during the investigation comprised orange-brown and grey

silty clays, which are consistent with natural soils in-situ weathered from the regional

geological formation. Shale bedrock as also encountered in each bore at depths of between

1.3 m and 2 m below the land surface. Further, our review of the Acid Sulfate Soil risk

maps available on the EPA NSW Natural Resources Atlas also shows that the site is located

in an area that is not expected to be affected by ASSs. This is supported by the geology and

geomorphology of the site.

A layer of fill between 0.4 m and 1.0 m in thickness was identified at each sample location.

The fill predominantly comprised silty clays, with sandy gravels and silty sandy clays also

being encountered. Further, the fill material appeared to be generally free of anthropogenic

wastes.

Project No. 19305/3375C Report No. 14/1646A March 2017

3



A search of the Department Natural Resources (DNR) groundwater database was also performed to identify wells in the vicinity of the site. The search results identified 12 registered groundwater monitoring wells located within 1 km of the site, all of which are registered for monitoring purposes. However, aquifer details are not available for any of these wells, and no groundwater was encountered in the boreholes drilled on the site to a maximum depth of 3 m for this investigation.

Based on the observations made during our soil sampling activities and our review of the site geology and regional groundwater conditions, a summary of the site hydrogeology is summarised in Table 5.1.

TABLE 5.1 - SITE HYDROGEOLOGY

Depth to Aquifer at Site:	Approximately 5 -10 m ^{1,2}	
Perched groundwater:	Not expected to be present ¹	
Aquifer Type and Lithology:	Shale ^{1,2}	
Local Groundwater Flow Direction:	North to north-east ²	
Regional Groundwater Flow Direction:	North to north-east ²	
Receiving Environments:	A'Becketts Creek located approximately 400 m to the north of the site	

¹ Actual conditions based on observations made during soil sampling

6. SITE HISTORY REVIEW

The history of the land subject to the investigation was obtained from the following sources:

- Aerial photographs of the site and surrounds held by the Department of Lands;
- Section 149 (2) Certificates provided by Parramatta City Council;
- Historical land titles;
- EPA records; and
- WorkCover NSW records.

² Inferred groundwater conditions based on site geology and geomorphology and results of groundwater database search



6.1 Aerial Photographs

Aerial photographs from 1928, 1951, 1961, 1972, 1986, 1994, 2002 and 2005 were examined to identify previous land uses at the site and its surrounds. A copy of each aerial photograph showing the location of the site is provided in Appendix A, and a description of the observations made is provided in Table 6.1.

TABLE 6.1 – AERIAL PHOTOGRAPH OBSERVATIONS

Year	Site Features	Surrounding Land Use
1928	The site is subdivided into five distinct residential allotments, with a house being located on each.	The land to the north and west of the site appears to form part of residential properties, whilst a railway line is located to the south. The land to the east is largely vacant and undeveloped.
1951	The site remains essentially unchanged.	The land surrounding the site is essentially unchanged, however, a house has now been constructed on the land to the east.
1961	The site remains essentially unchanged.	The land surrounding the site is largely unchanged.
1972	The site remains essentially unchanged.	The surrounding land also remains essentially unchanged, however, the houses that previously existed on the land to the north have been demolished.
1986	The eastern portion of the site remains essentially unchanged, however, the two houses that previously existed on the western allotments have been demolished and replaced with a rectangular warehouse/factory style building and two smaller buildings or sheds.	The land surrounding the site to the north, west and south remains essentially unchanged, however, new industrial/commercial buildings now occupy the land to the east.
1994	The site remains essentially unchanged, although one of the houses that previously existed in the east of the site has been demolished leaving that allotment vacant and grass-covered.	The land to the east and south of the site remains essentially unchanged, however, the land to the north and west has been redeveloped for commercial/ industrial purposes.



TABLE 6.1 (CONT) - AERIAL PHOTOGRAPH OBSERVATIONS

Year	Site Features	largely unchanged.			
2002	All previously existing houses have now been demolished, leaving the eastern portion of the site vacant and undeveloped. The two previously existing small buildings in the western portion of the site have also been demolished and replaced with a single larger warehouse/factory style building which is attached to the other warehouse style building that remains in the west of the site.				
2005	The site remains essentially unchanged, however, miscellaneous goods or materials appear to be stored in the undeveloped eastern portion of the site.				

In addition, our review of satellite imagery for the years 2007, 2009, 2011, 2012 and 2013, which is available on the Google Earth program, has shown that the site features remain essentially the same as shown in the 2007 aerial photograph. However, imagery which is available for the years post 2007 show that the eastern portion of the site appears to be used as a car parking area.

6.2 Section 149 (2) Certificates

Section 149 (2) Certificates were obtained from Parramatta City Council to determine if any restrictions have been placed on the land due to contamination related risks. A copy of the certificates is provided in Appendix B. The Section 149 (2) Certificates show that there are no notices under the provisions of the Contaminated Land Management Act 1997 issued in relation to the site. Further, the site has not been the subject of a Site Audit.

6.3 Historical Title Search

Copies of the historical land title transfers were obtained from the Land Titles Office, and are provided in Appendix C. A summary of the property ownership and occupant details is summarised in Table 6.2. Where information on the expected land use activities for each occupant could be obtained from either the title documentation or an internet search, this is noted in the table.



TABLE 6.2 - HISTORICAL LAND TITLE SUMMARY

Lot 17

Year	Registered Owner/Occupant				
1978 - Present	George Namnoum (Panel Beater)				
1965 - 1978	Archibald James McNab and Eric Archibald Walter McNab (Accountants) Eric Archibald Walter McNab (Accountant) (1978-1978)				
1947 - 1965	Vera May McNab (Coach builder, wife of Archibald James McNab)				
1931-1947	Samuel Walter King (Retired Railway Employee)				
1917 - 1931	Isabel King (Wife of Samuel Walter King, Railway Employee)				

Lot 18

Year	Registered Owner/Occupant		
1978 - Present	George Namnoum (Panel Beater)		
1964 - 1978	Harold Carlton Brown, Turner and Muriel Lorraine Brown his wife		
1947 - 1964	Vera May McNab (Coach builder, wife of Archibald James McNab)		
1931 - 1947	Samuel Walter King (Retired Railway Employee)		
1917 - 1931	Isabel King (Wife of Samuel Walter King, Railway Employee)		

Lots 19 & 20

Year Registered Owner/Occupant		
1983 - Present	George Namnoum (Panel Beater)	
1981 - 1983	Tony Namnoum	
1963 - 1981	Marjorie Essmaa Veitch	
1951 – 1963	George Frankland Hughes and Walter Ernest Hughes (Retired Railway Employees)	
1938 - 1951	George Frankland Hughes (Railway Guard)	
1917 - 1938	George William, Deane (Commercial traveller and his estate)	



Lot 21

Year	Registered Owner/Occupant		
2007 - Present	NCG Pty Limited		
1980 - 2007	George Namnoum (Panel Beater)		
1973 - 1980	Alfred James Gribble and James William Brennan (Rigging contractors)		
1967 - 1973	Antonio Guiseppina Richardson		
1951 - 1967	Kathleen Jane Stockwell		
1934 - 1951	James de Jersey Stockwell (Photographer)		
1914 - 1934	Elsie Mary Stockwell		

Lot 22

Year Registered Owner/Occupant	
2007 - Present	TNSF Pty Ltd
1979 - 2007	Tony Namnoum and George Namnoum (Panel Beaters)
1965 - 1979	Chahid Tony Namnoum (Welder)
1960 - 1965	Mabel Gribble
1950 - 1960	Charles Bawden Gribble (Café proprietor)
1915 - 1950	Oscar Cecil Vernon Garnett (Confectioner)

6.4 WorkCover NSW Records

WorkCover was also requested to search their Dangerous Goods License database to identify if the property is currently, or had previously been licensed for the storage of dangerous goods. The response provided by WorkCover is presented in Appendix D. The WorkCover response shows that the site is not, and has not previously been licensed for the storage of dangerous goods.



6.5 NSW EPA Records

The EPA contaminated land public register was inspected to determine if any notices have been issued for the site by EPA under the Contaminated Land Management Act 1997 (CLM Act) or if the site is registered under the Protection of the Environment Operations Act 1997 (POEO Act). Our review shows that the site is not listed under the provisions of these Acts, nor is it located in close proximity to a listed property. Further, our review shows that the site is not listed on EPA's database of properties for which a notification has been received (under the provisions of the Contaminated Land Management Act 1997) due to site contamination.

6.6 Site History Summary

Based on the historical information reviewed and our site inspection, the site was initially used for residential purposes and this use of the land continued in the eastern portion of the site until the 1990s. However, two allotments which form the western portion of the site had been redeveloped for a commercial/industrial use by the mid-1990s. By 2002 the remnant houses in the east of the site had been removed, and this portion of the property has remained undeveloped until the present day, although this area has been used for the storage of miscellaneous goods or materials and also for car parking. Known or expected commercial/industrial activities that have occurred at the site include the maintenance and repair of motor vehicles and the storage of building materials.

7. POTENTIAL CONTAMINATION SOURCES

The potential for the site to be contaminated from on-site sources and off-site sources was considered by STS during this investigation. Based on the findings of our site inspection and site history review the following actual or potential contamination sources were identified:

Smec Testing Services

 A range of organic and inorganic contaminants in imported fill material. As the source of the fill cannot be confirmed it has the potential to be contaminated.

 A range of organic and inorganic contaminants that may have resulted from leaks or spills of chemical products during the history of industrial activities at the site.

8. DATA QUALITY OBJECTIVES

The National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPM) (updated April 2013) and Australian Standard (AS) 4482.1-2005 recommend that data quality objectives (DQOs) be implemented during the investigation of potentially contaminated sites. The DQO process described in AS 4482.1-2005 outlines seven distinct steps which are designed to ensure an investigation is performed in a structured and efficient manner. The seven steps and the associated processes that were implemented to ensure data and decision making quality are outlined below:

Step 1 - State the Problem

The site is proposed to be redeveloped for a mixed commercial and high-density residential land use. Prior to this assessment there was insufficient data to determine if the site is likely to be suitable for this proposed use.

Step 2 - Identify the Decision

To determine if the concentrations of contaminants in the soil at the site are likely to present an unacceptable risk to human-health or the environment for a high-density residential land use setting.

Step 3 - Identify Inputs to the Decision

To enable a decision regarding the extent of soil contamination at the site to be made, the following inputs were required:

Soil sampling from four locations across the site;

Analysis of the soil samples for a broad screen or potential contaminants; and

Implementation of a quality assurance/quality control (QA/QC) program.

SMEC Testing
Services

Step 4 - Define the Study Boundaries

The assessment was undertaken within the boundaries of the site located at 2-6 Bold Street

and 80-82 Cowper Street, Granville, NSW. The boundaries of the site are defined in

Section 3 and are shown on Drawing No. 14/1646.

Step 5 - Develop a Decision Rule

To determine if any soil impacts at the site are significant for the proposed mixed use

redevelopment, data was compared to relevant EPA endorsed criteria. The criteria for this

assessment are further discussed in Section 11.

Step 6 - Specify Limits on Decision Errors

To ensure the precision, accuracy, completeness and comparability of data a field QA

program was implemented and acceptable error limits were defined. These are further

discussed in Sections 10.2 and 10.3.

Step 7 - Optimize the Design for Obtaining Data

To ensure there are sufficient, reliable data to enable the project objectives to be met the

following was implemented:

Collection, storage and transport of soil samples in an appropriate manner to ensure

sample integrity (refer to Section 9.2);

Obtaining samples from an appropriate number of locations to provide a preliminary

screen of a 2 200 m² property in accordance with EPA guidelines; and

The collection of an appropriate number of samples from each location and the

analysis of samples for an appropriate analytical suite to screen the site for potential

soil contamination, based on the potential contamination sources identified from our

site inspection and site history review.

Project No. 19305/3375C Report No. 14/1646A March 2017

11



9. FIELD INVESTIGATION

The soil sampling activities for the PSI were undertaken by STS on 28 August 2013. The assessment was performed according to:

- EPA guidelines comprising:
 - Contaminated Sites: Guidelines for Assessing Service Station Sites, 1994;
 - Contaminated Sites: Sampling Design Guidelines, 1995;
 - Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites, 1997;
 - Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (2nd Edition), 2006;
 - Guidelines for the Assessment and Management of Groundwater Contamination, 2007;
- Guidelines issued under Schedule B of the National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPM), December 1999 (and update April 2013);
- Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites published by the Australian and New Zealand Environment and Conservation Council/National Health and Medical Research Council, January 1992 (ANZECC Guidelines); and
- Australian Standard 4482.1-2005: Guide to the Investigation and Sampling of Sites with Potentially Contaminated Soil — Part 1: Non-volatile and Semi-volatile Compounds, 2 November 2005, Standards Australia.

9.1 Sampling Methodology

The sampling program involved the collection of soil samples from four boreholes, which were positioned at evenly spaced locations spaced across the site. This is a sufficient number of sample locations to provide a preliminary screen of the 2 200 m² site for potential soil contamination in accordance with EPA guidelines and the NEPM. The sample locations and site features are shown on Drawing No. 14/1646.

Smec Testing Services

Locations for soil sampling were identified based on the results of our site inspection and site history review, and the position of on-site facilities. Sample locations were referenced to existing ground features and positioned subject to on-site services, subsurface conditions and other constraints, which were encountered during fieldwork activities.

The samples were collected by qualified and experienced environmental engineers and/or technicians. A description of all the samples collected and their corresponding sample locations is provided on soil profile log sheets in Appendix E.

9.2 Sample Handling & Equipment Decontamination

A drill rig equipped with solid augers was used to obtain the soil samples, and the samples were retrieved directly from the augers by hand using disposable latex gloves. For duplicate samples, the soil was placed directly into a stainless steel bowl before being transferred into new clean jars prepared by Australian Laboratory Services (ALS). No sample mixing was carried out to ensure volatile compounds that may be present are not lost. All sampling equipment was decontaminated prior to use and between sampling locations by thoroughly washing with a mixture of water and DECON 90 and rinsing with potable water.

All jars were filled to the rim to minimize head space. The sample jars were then placed into ice-filled chests and transferred to ALS for analysis. Chain of Custody (COC) documentation was used to record and track the samples. COC documentation detailing the required analyses accompanied the samples to the laboratory. The environmental engineer signed the appropriate section of the COC form before providing the samples to the laboratory.

Project No. 19305/3375C Report No. 14/1646A



9.3 Analytical Program

The selection of analytes was based on the site history review, observations made during our site inspection and EPA site assessment guidelines. The analytes for the soil samples included heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons (TPH), monocyclic aromatic hydrocarbons (MAH), volatile chlorinated hydrocarbons (VCH), polychlorinated biphenyls (PCB), organochlorine pesticides (OCP), organophosphorus pesticides (OPP), phenolic compounds, cyanide and asbestos.

The analytical program for the soil samples is outlined in the COC documentation, which is provided in Appendix F. ALS Sydney was selected as the primary laboratory, whilst ALS Brisbane was selected as the secondary laboratory as part of the quality assurance program. Both ALS Sydney and ALS Brisbane are NATA accredited for the analyses performed.

9.4 Soil Vapour Survey

During the soil sampling program the concentrations of ionisable volatile organic compounds (VOCs) released from the soil matrix were measured using a photoionisation detector (PID). This provides a qualitative screen of the degree to which the soil samples may be impacted with VOCs. The screening methodology involved the placement of a small portion of each sample (up to approximately 50g) into a sealed plastic 'snaplock' bag, which is kept at room temperature and out of direct sunlight for 10-20 minutes before the PID reading as taken in the headspace above the sample. The PID was calibrated using a 100 ppm isobutylene span gas prior to use.

The PID readings obtained during the soil vapour survey are presented in the soil sample log sheets (Appendix E). The concentration of ionisable vapours measured in the headspace above the majority of the soil samples ranged from 0.2 ppm to 0.6 ppm (v/v isobutylene equivalent), which are low and indicate that the soils are unlikely to be impacted with VOCs.



10. QUALITY ASSURANCE PROGRAM

Quality assurance (QA) of data was a key component of this investigation in order to appraise the representativeness and integrity of samples and accuracy and reliability of the analytical results. This is in accordance with the NEPM and AS 4482.1-2005.

The QA procedures, actions and checks implemented during the investigation included:

- The utilisation of appropriate sampling methods in accordance with the EPA requirements, the NEPM and other key guidelines;
- Appropriate sample handling and transportation, and analysis of samples within recommended holding times;
- The collection and analysis of quality control (QC) samples;
- Implementation of internal laboratory QC analyses; and
- The use of National Association of Testing Authorities (NATA) registered laboratories (primary and secondary) and methods.

10.1 Quality Control Sampling

Inaccuracies in sampling and analytical programs can result from many causes, including collection of unrepresentative samples, cross contamination between samples, unanticipated interferences between elements during laboratory analyses, equipment malfunctions and operator error. Inappropriate sampling, preservation, handling, storage and analytical techniques can also reduce the precision and accuracy of results.

In order to address these potential data quality issues, a field-based QC program was undertaken to measure the effectiveness of the QA procedures by comparison with acceptance criteria. The NEPM has documented procedures for QC sampling and analysis to ensure that the required degree of accuracy and precision is obtained. The NEPM and EPA guidelines recommend the use of two laboratories for the implementation of a field QC program in addition to the internal QC procedures followed by the laboratories, which are required in accordance with their NATA registration.

SMEC Testing Services

According to the NEPM the collection of intra and inter-laboratory duplicate samples is

required, along with blank samples. Intra-laboratory and inter-laboratory samples are

duplicates of primary samples that are collected in the field. Intra-laboratory samples are

analysed by the primary laboratory and are used as a check on the precision of the sampling

and analytical procedures. Inter-laboratory samples are analysed by a secondary laboratory

and provide a check as to the accuracy of the analytical data.

Rinsate blanks are samples of water collected from field equipment after decontamination,

and are used to determine the effectiveness of the decontamination procedures. Trip blanks

are samples of deionised water prepared prior to sampling, and are stored and transported

with the samples. They are used to identify laboratory errors or to identify sources of

contamination due to sample storage and handling.

According to the NEPM a split of a minimum of 10% of the primary samples as field

duplicate samples (5% inter-laboratory and 5% intra-laboratory) as well as blanks is

required. Where less than 20 samples are to be analysed, a minimum of two field duplicate

samples (one inter-laboratory and one intra-laboratory) and a blank is generally considered

sufficient. Blanks are generally collected on each day that sampling is performed, and are

analysed where necessary.

For this contamination assessment the following field quality control samples were

collected and analysed:

One intra-laboratory duplicate sample; and

One inter-laboratory duplicate sample.

In view of the rigorous field-based decontamination procedures and sample storage

protocols that were implemented during the investigation, and that the PID survey results

showed the samples were not likely to be impacted with VOCs, the collection of rinsate and

16

trip blank samples was not considered necessary.

Project No. 19305/3375C Report No. 14/1646A March 2017

SMEC Testing Services

10.2 Quality Control Criteria

A check on the comparability of the field duplicate sample results is achieved by calculating the Relative Percent Difference (RPD). RPDs are calculated as the absolute value of the difference between the primary and duplicate sample results, divided by the average value, expressed as a percentage.

According to AS 4482.1-2005 (and referenced in the NEPM) RPDs below 50% are considered to demonstrate good correlation between duplicate sample results. However, AS 4482.1-2005 also states that the acceptable variation between results can be higher for organic analytes than for inorganics, and for low concentrations of analytes. In view of this, and based on STS's experience, RPDs up to 70% are considered to be acceptable for organic species. RPDs of 100% or more are generally considered to demonstrate poor correlation unless results are less than five times the laboratory detection limits.

10.3 Laboratory Quality Control

A laboratory QC program involves the preparation and analysis of their own duplicate samples, reagent blanks and control samples (where the analyte concentration is known) or matrix spikes. Duplicate samples are subjected to the same preparation and analytical procedures as primary samples. The laboratories are required to analyse matrix spikes or control samples at a minimum frequency of 5% of the total number of primary samples in each sample batch.

The results of method blanks, duplicates and control sample analyses are compared by the laboratory to established quality assurance criteria for data precision and accuracy. If the results do not meet the criteria, then the analyses should be repeated. The relevant criteria are:

- Method blanks should not return any positives on analysis;
- Duplicate samples should not vary by more than 35% from the mean result; and
- Control samples should generally give a recovery of 75-125%.



11. ASSESSMENT CRITERIA

Current EPA guidelines state that the key criteria for assessing potentially contaminated sites in New South Wales are the Soil Investigation Levels (SILs), which are outlined in Guidelines for the NSW Site Auditor Scheme, 2nd Edition (DEC, 2006). The SILs have been adopted from Schedule B(1) of the National Environmental Protection Council document National Environmental Protection (Assessment of Site Contamination) Measure 1999 (NEPM).

The NEPM criteria comprise Health-Based Investigation Levels (HILs) and the Ecologically-Based Investigation Levels (EILs). The HILs are threshold values that are indicative of potential adverse impacts to human health, whilst the EILs are values that indicate a potential phytotoxic effect to plants.

In recent years the 1999 NEPM has been under review, with an updated set of documents being released in April 2013 and which has been officially endorsed by EPA. The new 2013 NEPM has been developed using essentially the same framework as the 1999 version, however, it does provide updated HIL criteria for a range of chemical contaminants. It also builds on the EILs provided in the 1999 NEPM by outlining a more comprehensive set of EILs and environmental screening levels (ESLs), which are designed not only to be indicative thresholds for phytotoxic effects to plants, but to be protective of ecosystems generally. The new EILs/ESLs are generally less conservative than the 1999 EILs, however their use requires key soil chemistry data, specifically the pH and cation exchange capacity (CEC) of the soils on a particular site. In the absence of pH and CEC data the original EIL criteria may still be used as a screening tool for the evaluation of potential adverse impacts to plants.

Further, the 2013 NEPM outlines criteria for key volatile hydrocarbon compounds which are designed to be protective of human-health via a soil vapour inhalation exposure pathway (termed Health Screening Levels (HSLs)). The 2013 NEPM criteria should be used for environmental assessments in the Australian context as they are the most current and comprehensive set of screening criteria available. That is, they are used in preference to the SILs.

SMEC Testing
Services

There are four main categories of HIL outlined in the 2013 NEPM, which are each used to appraise the risks posed by site contamination for different land use settings. These include:

Residential A: for a 'standard' residential land use with gardens and accessible soil, including children's day care centres, preschools and primary schools.

Residential B: for a residential land use with minimal opportunities for soil access, including properties with fully and permanently paved yard space such as high-rise apartments and flats

Recreational C: for parks, recreational open space, playing fields, including secondary schools

Commercial/Industrial D: for a commercial/industrial land use.

It is noted that the NEPM HILs do not provide criteria for some petroleum hydrocarbon compounds. In the absence of HIL criteria the 'threshold concentrations for a sensitive land use' (EPA Threshold Concentrations) outlined in EPA's "Guidelines for Assessing Service Station Sites" (EPA, 1994) may be used, however, the 1999 NEPM HILs do provide threshold values for hydrocarbon fractions that may be adopted provided that speciation testing is undertaken for specific aromatic and aliphatic components.

Where a proposed land use will include more than one land use category (e.g. mixed residential/commercial development) the criteria which are protective of the most sensitive of the combined land uses should be adopted.

11.1 Criteria for this Assessment

A mixed commercial and high-density residential land use is proposed for the site, which will involve the construction of a multi-story unit complex on the land with a basement car parking area. Therefore, the HILs (Residential B) criteria are the most applicable and have been adopted for this investigation. The EPA Threshold Concentrations have also been adopted for petroleum hydrocarbon compounds in the absence of HIL criteria. In addition, the HSLs for vapour intrusion have been considered.



Whilst a building is proposed to cover the majority of the site post-development, a communal open space area will also form the southern portion of the site. In view of this, the EILs/ESLs are considered to be relevant and have therefore been used for this investigation.

The criteria adopted for this investigation are outlined in Table 11.1 below.

TABLE 11.1 – SITE SOIL ASSESSMENT CRITERIA (all concentrations in units of mg/kg)

(an	concentrations in u	ints of mg/kg)		
Contaminant	HIL Residential B Criteria	HSL Residential B Criteria ³	EIL/ESL6	EPA Threshold Concentrations
Inorganics	55L	1		No.
Arsenic (total)	500		20 ⁸	
Beryllium	90		1,000	
Boron	40000			
Cadmium	150		38	
Chromium	500 ¹		4008,9	
Cobalt	600			
Copper	30000		100 ⁸	
Lead	1200		600 ⁸	
Manganese	14000		500 ⁸	
Mercury	120 ²		1 ^{2,8}	
Nickel	1200		60 ⁸	
Zinc	60000		200 ⁸	

¹ Criterion for hexavalent chromium

² Criterion for inorganic mercury

³ HSL for clay soils within 1 m of the land surface

⁴ F1 TPH - TPH (C6-C10) minus BTEX fraction

⁵ F2 TPH = TPH (C₁₀-C₁₆) minus naphthalene fraction

⁶ Criterion for fine texture grade soils in an urban residential setting

⁷ Criterion for free cyanide

^{8 1999} NEPM EIL criterion

⁹ Criterion for total chromium



TABLE 11.1 – SITE SOIL ASSESSMENT CRITERIA (all concentrations in units of mg/kg)

Contaminant	HIL Residential B Criteria	HSL Residential B Criteria ³	BIL/ESL ⁶	EPA Threshold Concentrations
Organics				
F1 TPH (C ₆ -C ₁₀) ⁴		50	180	
F2 TPH (C ₁₀ -C ₁₆) ⁵	.1	280	120	
F3 TPH (C ₁₆ -C ₃₄)	1		1300	
F4 TPH (C ₃₄ -C ₄₀)			5600	
TPH (C ₆ -C ₉)				65
TPH (C ₁₀ -C ₃₆)				1000
Benzene		0.7	65	1
Toluene		480	105	1.4
Ethyl benzene			125	3.1
Total Xylenes		110	45	14
Naphthalene		5		
Total PAHs	400			ii .
Carcinogenic PAHs	4			
Aldrin + Dieldrin	10			
Chlordane	90			
DDT+DDD+ DDE	600			
Heptachlor	10			
PCBs	1			
Phenols	45000			
Cyanide	300 ⁷			

Criterion for bexavalent chromium

12. ANALYTICAL RESULTS AND INTERPRETATION

The analytical results for the soil samples are presented in the NATA endorsed laboratory reports included in Appendix G and are summarised Table A in the Tables of Results attached to this report. The results exceeding the assessment criteria are highlighted in the tables accordingly.

² Criterion for inorganic mercury

³ HSL for clay soils within 1 m of the land surface

FI TPH = TPH (C6-C16) minus BTEX fraction

⁵ F2 TPH = TPH (C₁₀-C₁₆) minus naphthalene fraction
⁶ Criterion for fine texture grade soils in an urban residential setting

⁷ Criterion for free cynnide

^{8 1999} NEPM EIL criterion

⁹ Criterion for total chromium

Smec Testing Services

12.1 Evaluation of Human-Health Impacts

The results show that the concentrations of organic and inorganic species analysed for are low and do not exceed the HIL/HSL Residential B criteria or the EPA Threshold Concentrations. Also, no asbestos fibres were detected in the soil samples analysed for asbestos. Therefore, the concentrations of chemical contaminants that have been measured in the soil samples are below criteria that are protective of human-health for a high-density residential land use setting.

12.2 Evaluation of Environmental Impacts

The results show that the concentrations of organic and inorganic species analysed for are low and do not exceed the NEPM EIL/ESL criteria or the EPA Threshold Concentrations with the exception of zinc.

The zinc concentrations measured in three samples (216 mg/kg to 598 mg/kg) are slightly above the adopted EIL for zinc of 200 mg/kg. However, the EIL criteria are known to be highly conservative and zinc is not an acutely phytotoxic metal. That is, the zinc concentrations measured in the soils are not likely to present an unacceptable risk to plant health or the environment generally.

12.3 Risk of Groundwater Impacts

In view of the low concentrations of chemical contaminants measured in the soils on the site, it is unlikely that the site has contributed to any unacceptable groundwater impacts.

12.4 Potential for Off-Site Migration of Contamination

In view of the low concentrations of contaminants measured in the soils on the site, off-site migration of contamination via surface runoff or wind action is not likely to have occurred. Further, as outlined in Section 12.4 above, the site is not likely to have resulted in any groundwater impacts, in which case there is negligible potential for contaminated groundwater to be migrating off-site.

22



12.5 Duty to Report Site Contamination

Under the provisions of the Contaminated Land Management Act 1997 (CLM Act), a site owner or occupant has a duty to notify EPA of any significant contamination that has the potential to cause human-health or environmental impacts. The requirements for reporting contamination are outlined in EPA's Guidelines on the Duty to Report Contamination Under the Contaminated Land Management Act 1997, which became effective on 1 December 2009. This guideline outlines the specific triggers which need to be considered for notifiable contamination under the CLM Act.

Where contaminants exceed their SIL criteria by more than 2.5 times or where the average concentrations of contaminants in soil exceed the applicable SILs, EPA must be notified. In the case of asbestos for which no SIL is available, the presence of free asbestos fibres in soil that is accessible to humans and susceptible to the generation of dust would present sufficient risk as to necessitate notification. Further, it should be noted that the Duty to Report Guidelines do not define notification thresholds for all contaminants. EPA has advised that where no criteria are listed, the need to submit a notification (or otherwise) should be based on advice provided by an environmental consultant.

The concentrations of chemical contaminants measured in the soils on the site are well below the SILs (Column 4) criteria for a commercial/industrial land use setting, that being the current use. Therefore, there would be no need to notify EPA based on currently available data.

12.6 Assessment Outcomes

Based on the result of this investigation, the concentrations of chemical contaminants in the soil on the site appear to be low and would not present an unacceptable risk to human-health or the environment for a high-density residential land use setting. That is, the site is expected to be suitable for the proposed mixed commercial and high-density residential redevelopment. However, further soil sampling will be necessary prior to bulk excavation of the site in order to appropriately classify the soils for off-site disposal purposes.



13. EVALUATION OF QUALITY ASSURANCE

13.1 Field Duplicate Sample Results

The results of the field intra and inter-laboratory duplicate sample analyses are compared to those of the corresponding primary samples in Table B. The results show that the variations between the primary and duplicate sample results are below the allowable Relative Percentage Difference (RPD) criteria of 50% for inorganic species and 70% for organic analytes in all but two of the 66 comparable data sets, which is an acceptable rate of correlation.

The discrepancies encountered are expected to be due to the heterogeneous distribution of heavy metals within fill material and also small actual variations between low concentration results. Further, the contaminant concentrations in both the primary and duplicate samples are well below the assessment criteria adopted for this investigation. Therefore, the RPD discrepancies do not affect the outcome of the investigation.

13.2 Laboratory Quality Control Program

Our review of the laboratory's internal QC program has shown that the majority of internal duplicate samples, spike recoveries, surrogate standards and laboratory blanks were within the laboratories' recommended range for acceptable reproducibility. Therefore, STS considers the laboratory data obtained in the sampling program to be of acceptable precision, accuracy and reliability and representative of the site conditions encountered.

13.3 Procedure Based Quality Control

An appraisal of the key procedure-based quality control aspects of the investigation are summarized in Table 13.1 below.



Table 13.1 Appraisal of Procedure-Based Quality Control

Item	Compliance	Reference/Comments		
Appropriate sampling methods adopted?	Yes	Refer to Sections 9.1 and 9.2		
Appropriate sample handling and transportation procedures implemented?	Yes	Refer to Sections 9.2 and COC documentation in Appendix F		
Samples analysed within recommended laboratory holding times?	Yes	Refer to COC documentation in Appendix F and laboratory reports in Appendix G		
NATA accredited laboratory testing methods used?	Yes	Refer to laboratory reports in Appendix G		

14. CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the PSI, the following conclusions and recommendations are made:

- The site was initially used for residential purposes and this use of the land continued in the eastern portion of the site until the 1990s. However, two allotments which form the western portion of the site had been redeveloped for a commercial/industrial use by the mid-1990s. By 2002 the remnant houses in the east of the site had been removed, and this portion of the property has remained undeveloped until the present day, although this area has been used for the storage of miscellaneous goods or materials and for car parking. Known or expected commercial/industrial activities that have occurred at the site include the maintenance and repair of motor vehicles and the storage of building materials.
- The results of the soil sampling program performed for this investigation show that the concentrations of chemical contaminants measured in the soil samples retrieved from the site are low and below levels that would present an unacceptable risk to human-health and the environmental for a high density residential land use setting. That is, the site is expected to be suitable for the proposed mixed commercial and high-density residential redevelopment. However, further soil sampling will be necessary prior to redevelopment in order to appropriately classify the soils within the footprint of the proposed basement area for off-site disposal purposes.



15. LIMITATIONS

SMEC Testing Services Pty Limited has performed its services for this project in accordance with its current professional standards. Laboratory analyses were undertaken as part of this investigation by Australian Laboratory Services, who are NATA accredited for the analyses performed.

When assessing the extent of contamination across a site from a soil sampling program there is the possibility that variations may occur between sample locations and the actual presence of contaminated material at the site may differ from that referred to herein, since no sampling program, no matter how comprehensive, can reveal all anomalies and hot spots that may be present.

The data collected has been used to form an opinion about site contamination with regard to the proposed use of the site, that being a mixed commercial and high-density residential use. If the nature of the proposed development changes, the conclusions given in this report may need to be revised. Also, regulatory evaluation criteria are constantly changing and as a consequence, concentrations of contaminants presently considered low may, in the future, fall under different regulatory standards that may alter the outcome of this investigation. Opinions and judgments expressed herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

This document and the information herein have been prepared solely for the use of Designer Home Construction Pty Limited for the purposes nominated in this report. No person or organization other than Designer Home Construction Pty Limited is entitled to rely on any part of the report without the prior written consent of SMEC Testing Services Pty Ltd. Any third party relying on this report shall have no legal recourse against SMEC Testing Services Pty Ltd or its parent organizations or subsidiaries and shall indemnify and defend them from all and against all claims arising out of, or in conjunction with such use or reliance.

David Yonge (BSc, MSc) Environmental Manager,

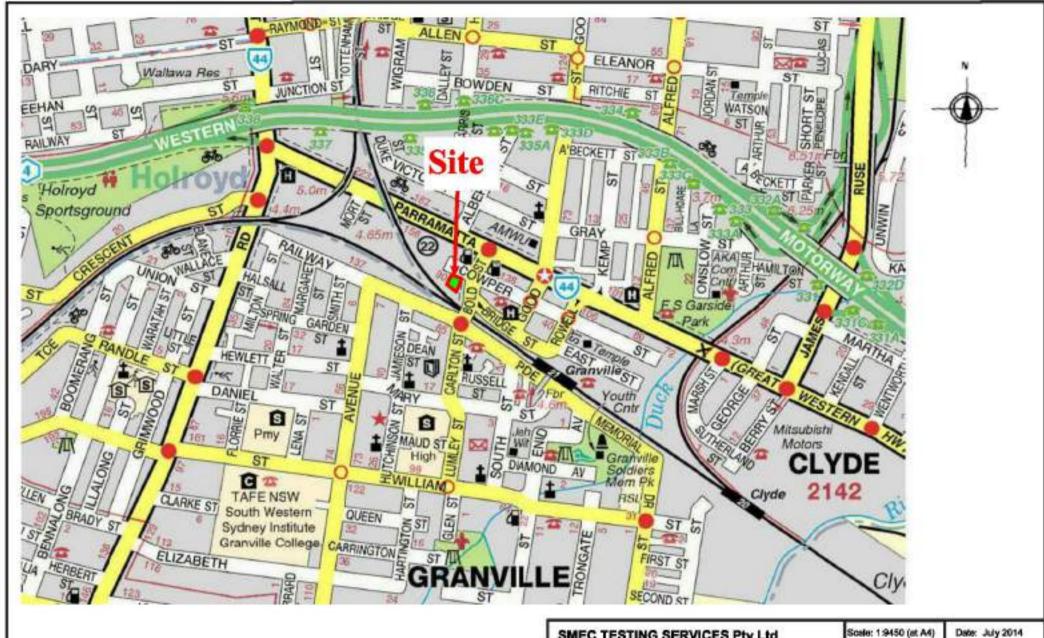
SMEC Testing Services Pty Limited

Natasha Ryan (BSc) Environmental Scientist,

SMEC Testing Services Pty Limited



FIGURES



Map reproduced with permission of UBD. Copyright Universal Publishers Pty. Ltd DG05/04 SMEC TESTING SERVICES Pty Ltd

DESIGNER HOMES CONSTRUCTIONS PTY LIMITED Client:

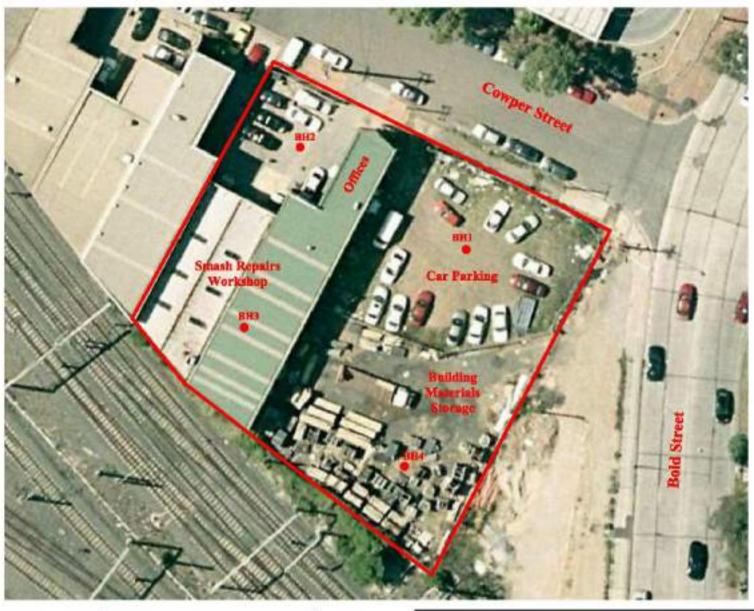
PRELIMINARY SITE INVESTIGATION

Land at 2-6 Bold Street and 80-82 Cowper Street, Granville,

NSW: Site Location

Project No. 19305/3375C

Drawing No: 14/1646/1



Legend

Boundary of Site

Borehole Number & Location



Date: July 2014

Client: DESIGNER HOME CONSTRUCTIONS PTY LIMITED

PRELIMINARY SITE INVESTIGATION Land at 2-6 BOLD and 80-82 Cowper Street, Granville, NSW: Site Features and Sampling Locations

SMEC TESTING SERVICES Pty Ltd

Project No. 19305/3375C

Drawing No: 14/1646/2



TABLES OF RESULTS

	12		ви	59/2				-	HEPM Beologround Forges	NOW EPA Threshold Consentrations	NEPW ELLVESIA for an Urban Randenttal Setting	HEPM 2012 HELHSEL Residential S Criteria
20.2000	Borehole No.	BH1			840	843	DH3	8144				
Analytee	Bemple No.	81	67	63	84	86	80	810				
Metale	110											
Avanetic		11	- 11	54	14	10	0		1-80		100 (1)	500
Bartum		290	30		70		40		100-8000		300 (e)	00000
Deylker		- 143	्रस		ব		্ৰা					90
Boron		450	460	100	480	- 40	450				1000	40000
Cadwium		<5	ব		ব	41	- 4	<1	1		3 (4)	160
Chronium		25	35	29	37	25	22	12	5-1 000		400 (c),(d)	900 (0)
Cobell		3	4		42		12		1-40			900
Copper		39	0.70	55	44	22	16	128	2-100		100 (c)	30000
Lead		541	18	335	36	68	21	125	2-860		1100 (0)	1200
Marganese		230	- 4		36		23		850		500 (c)	14000
Mercury		0.1	40.1	0.1		0.2	40.1	<0.1	0.001-0.1 (a)		1 (4),00	120 (4)
Nickel			9		4	- 8	9		5-650		80 (c)	1200
Selenum		-6	-65		45		-65		200.000			1400
Vanadum		- 60	101	-	107	- 2	62	2433	20-500		444.04	-
Zirc	Acres Market A	258	12	349	216	70	16	67	10-300		200 (c)	60000
Menocysils Arematic Hydros	artione (MAHe)	-	40.00		- 100		197	77.50	*****	1142	- 10.75	119/39/2010
Severe	could divided	40.2		<0.2	-0.2	412		<0.2	0.06-1 (a)	42	65 (5 125 (5	0.7 (%)
Ethylbenzene		40.5		-0.8	40.5	40.5		<0.5		3.1	125 (7)	255.51
Toluene		<0.5		40.6	40.5	40.6		46	Q.1-1 (H)	14	106 (6	680 (%)
Kylense		+1.0		-1.0	×1.0	41.0		41.0		14	46 ()	110 (b)
Naphalara		<1		ব	ব	41		41			2000/0	5 (h)
Total MArie above det		MD		ND	ND	NO		MD				9594(400)
Halogenated Allphatic Compo	unde (PMLCs)				166							
Total HALCs above de	rection limits	MD						MD				
Helogenated Arometic Compo Total HARCs above de	tection (HARCs)	MD						MD				
Tribalomethenes (THMs)		2333						3,1272				
Total THMs above det	oction times	MD						MD				
Purigeris												
Total furrigants above Total Palminum Hudmourba	debection limits	MD		90.971	20.27-1	2.4.9		MD		5/24=57		
Total Co-Co	- Arrivage	लाव		410	410	*10		*10		65		
Total C ₂ -C ₃ F1 C ₂ -C ₁₂		<10		490	×10	×10		<10			180 (7)	90 (10
F2 Ger-Ga		450		×90	490	<50		<50			120 (5	290 (10
F3 ×CurCu		4500 4500		<100	<100	4100 4100		<100			1300 (0	200 40
FE XCH CH		<100 100		<100 <100	<100 4100	<100 <100		<100			1300 (7 5600 (7	
Total G _G -G _M	MINISTER AND A	4100 460		<100 450	<100 <50	<100 <60		<100 <50		1000	2000 11	
Belowelle from the Unit	chance (BATE)	450		*50	*50	*90		*50		1000		
Polycyclis Arometic Hydroca Cardingwic PAHs*	DANS (FREE)	-		40.8	40.0			-0.5				1.2
	office for the	<0.5			+0.5	40.5 40.5		*D.5	A 66 E 57			4
Total PAHo above dote Organochiorine Peaticides (C		~2.6		<0.5	<0.5	*0.6		-0.5	0.96-6 [a]			400
Dielorin			<0.05	0.14			<0.05	4.65				6.0
4-4-00E			<0.05	0.28			<0.05	+0.05				260 ()
Total OCPs above det Organophosphorus Pesticide	s (OPPs)		NO	0.30			ND	ND				0.380
Total OPP's above date			ND	ND			ND	ND				
Phenois Compounds									A CONTRACTOR OF THE PARTY OF TH			2016
Total Phenols	oscoca.			ND :				ND	0.03-0.5 (a)			45000
Polyettorinated Bipmanyle (*) Total PClin above deta	CBe) scton limite			411				40.1	0.02-0.1 (a)			
	2.7.7.17.17.77	-41		-		41						300 00
Total Cyunide												

Notes | Rosulte comessed as reging unions otherwise indicated NO - No Individual aparties detected above laboratory detection limits. * Calculated in accordance with Table 1ACQ of NEPN 2013.

(ii) ANZECC bedsground ranges used where no REPM orticle available.
(ii) NEPM 2010 genetic EL citienton.
(ii) NEPM 1966 EL criterion.

- (c) Officion for observium (it). (c) Officion for inorganic mercian; (f) NEPN 2013 68: The bokum grade acts
- (g) Criterion for chromium (VI). (b) NEPM 2013 HSL orferion for vegour inhusion, 0-1 m depth in day sole
- (i) Critetor for combined atom & please.
 (ii) Critetor for combined DDT, DDE & DDD
- (ii) Critation for thes systicio



^{*} Combined contraggeric FNHs with relative potency to beneative/private

Results shaded grean uncode the NEW CPM threshold concentrations for a semistive land use.

Results shaded this exceed the NEPHI 2013 ESE, refuse for a commissionability land use writing

Results shaded not exceed the NEPHI 2013 ESE. Residential it criteria

Table B Results of Quality Control - Intra Laboratory and Inter Laboratory Duplicate Soil Samples

	Sample Numbers								
Analyte	S6	57 ¹	RPD (%)	58	S8²	RPE (%)			
Metals									
Arsenic	10	8	22	10	7	35			
Cadmium	<1	<1	<70	<1	<1	<70			
Chromium	25	18	33	25	20	22			
Copper	22	22	0	22	26	17			
Lead	68	38	57	68	46	39			
Mercury	0.2	0.1	67	0.2	0.2	0			
Nickel	3	2	40	3	3	0			
Zinc	70	62	12	70	70	0			
Monocyclic Aromatic Hydrocarbons (MAHs)									
Benzene	<0.2	<0.2	<70	<0.2	<0.2	<70			
Ethylbenzene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Toluene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Xylenes	<1.0	<1.0	<70	<1.0	<1.0	<70			
Napthalene	<1	<1	<70	<1	<1	<70			
Total Petroleum Hydrocarbons (TPHs)									
Total Ce-C10	<10	<10	<70	<10	<10	<70			
Total C ₁₀ -C ₁₆	<50	<50	<70	<50	<50	<70			
Total C18-C34	<100	<100	<70	<100	<100	<70			
Total C ₃₄ -C ₄₀	<100	<100	<70	<100	<100	<70			
Polycyclic Aromatic Hydrocarbons (PAHs)									
Acenaphthene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Acenaphthylene	<0.5	< 0.5	<70	< 0.5	< 0.5	<70			
Anthracene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Benz(a)anthracene	<0.5	< 0.5	<70	< 0.5	< 0.5	<70			
Benzo(a)pyrene	< 0.5	< 0.5	<70	<0.5	< 0.5	<70			
Benzo(b)fluoranthene	<0.5	< 0.5	<70	<0.5	<0.5	<70			
Benzo(k)fluoranthene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Benzo(g,h,i)perylene	<0.5	<0.5	<70	<0.5	<0.5	<70			
Chrysene	<0.5	< 0.5	<70	<0.5	<0.5	<70			
Diberizo(a,h)anthracene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Fluoranthene	<0.5	<0.5	<70	<0.5	<0.5	<70			
Fluorene	< 0.5	< 0.5	<70	<0.5	< 0.5	<70			
Indeno(1,2,3-od)pyrene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Naphthalene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			
Phenanthrene	<0.5	<0.5	<70	<0.5	<0.5	<70			
Pyrene	<0.5	< 0.5	<70	<0.5	< 0.5	<70			

Note: Results expressed as mg/kg dry weight.

Denotes inter-laboratory duplicate sample analysed by secondary laboratory (ALS Brisbane)
RPDs that have been shaded exceed the acceptance criteria



¹ Denotes intra-laboratory duplicate sample analysed by primary laboratory (ALS Sydney)



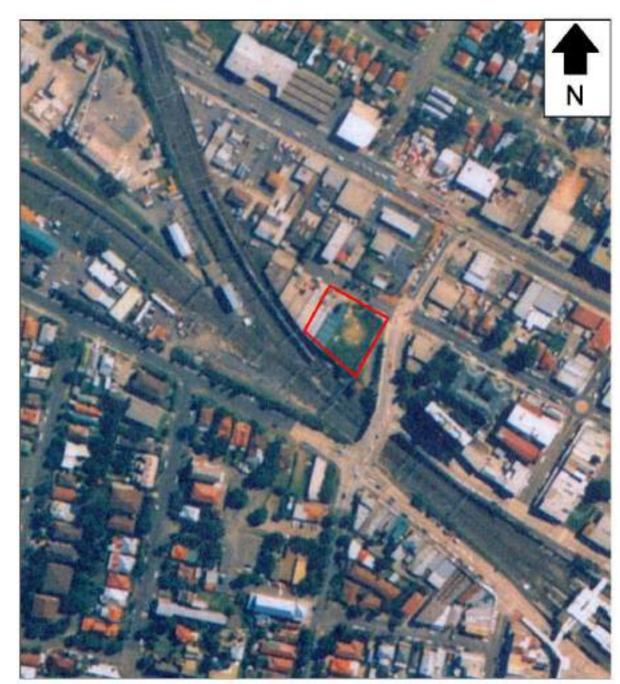
APPENDIX A AERIAL PHOTOGRAPHY





2005 Aerial Photograph Showing the Site and its Surrounds





2002 Aerial Photograph Showing the Site and its Surrounds





1994 Aerial Photograph Showing the Site and its Surrounds





1986 Aerial Photograph Showing the Site and its Surrounds



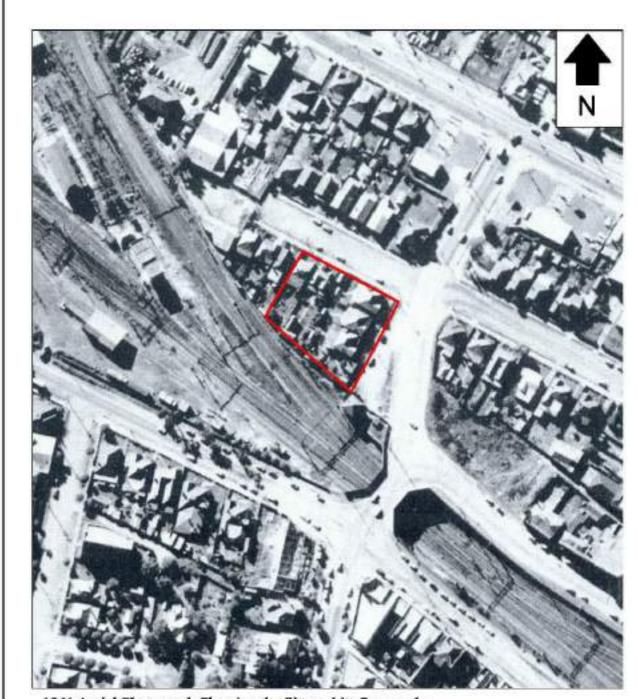




1972 Aerial Photograph Showing the Site and its Surrounds

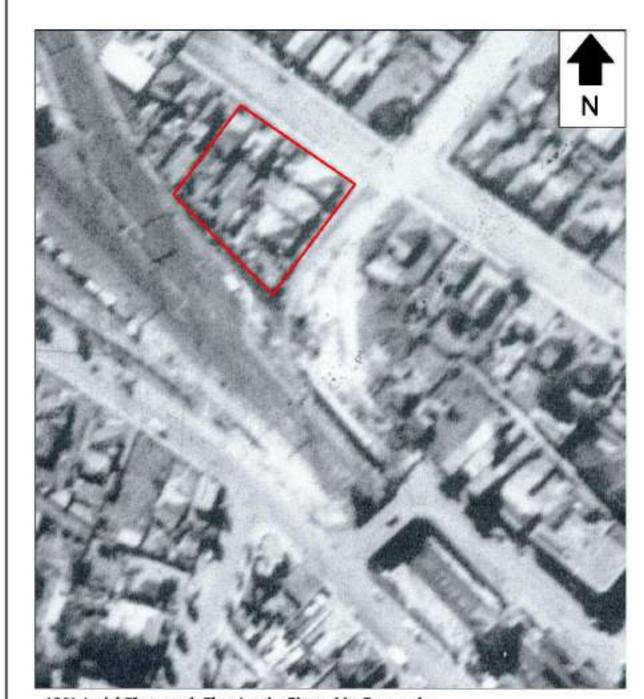






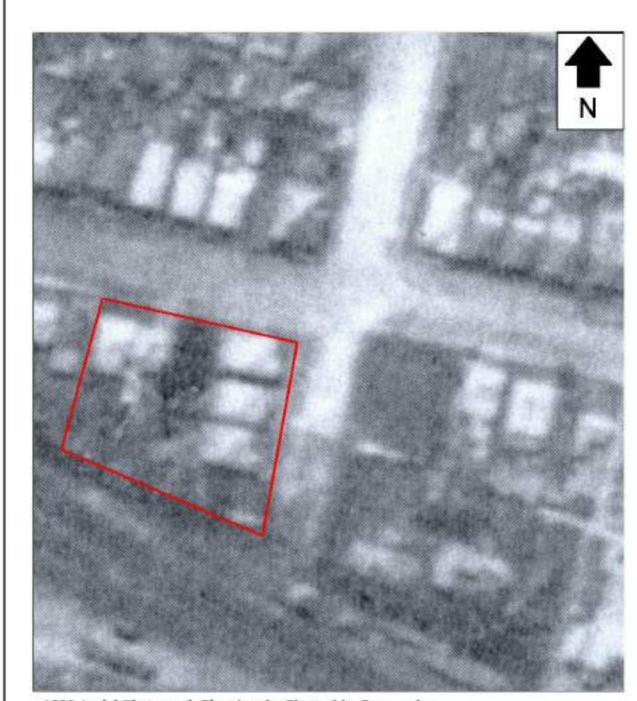
1961 Aerial Photograph Showing the Site and its Surrounds





1951 Aerial Photograph Showing the Site and its Surrounds





1928 Aerial Photograph Showing the Site and its Surrounds



APPENDIX B SECTION 149 (2) CERTIFICATES



PLANNING CERTIFICATE

CERTIFICATE UNDER SECTION 149

Environmental Planning and Assessment Act, 1979 as amended

SAI Global Property Division Pty Ltd DX 885 SYDNEY

Certificate No:

2013/3531

Fee:

\$53.00

Issue Date:

22 August 2013

Receipt No:

3933614

Applicant Ref:

15796952

DESCRIPTION OF LAND

Address:

2 Bold Street

GRANVILLE NSW 2142

Lot Details:

Lots 19 & 20 DP 7553

SECTION A

The following Environmental Planning Instrument to which this certificate relates applies to the land:

Parramatta Local Environmental Plan 2011

For the purpose of Section 149(2) it is advised that as the date of this certificate the abovementioned land is affected by the matters referred to as follows:

Phone 02 9806 5050 Fax: 02 9806 5917

www.parracity.nsw.gov.au

If you do not understand this letter, please ring the Telephone Interpreter Service (131 450) and ask them to contact Council (9806 5050). Office hours are 8.30am to 4.30pm, Mondays to Fridays.

ARABIC .

إذا لم تستطع فهم هذه الرسالة، الرجاء الاتصال بخدمة الترجمة الهاتفية على رقم ١٣٠٤ وأسألهم أن يتصلوا بالبلدية على رقم ١٣٠٤ ٥٠٠٠. دوام ساعات العمل هي من الساعة ٨٣٠ صباحاً الى ٤٣٠ بعد الظهر من الاثنين في الجدمة.

CHINESE

如您看不懂此樣,請打電話給「電話翻譯服務台」(131 450) 請他們聯絡市政廳(市政廳電話 9806 5050)。市政廳辦公時 間,星期一至星期五,上午八點半至下午四點千。

CROATIAN

Ako ne razumijete ovo pismo, molimo nazovite Službu prevodilaca i tumača (Translating and Interpreting Service – na broj 131 450) i zamolite ih da nazovu Općinu (na 9806 5050). Radno vrijeme je od 8.30 ujutro do 4.30 popodne, od ponedjeljka do petka.

FRENCH -

Si vous avez des difficultés à comprendre cette lettre, vous pouvez contacter le service d'interprêtes par téléphone au 131 450 et leur demander de contacter la mairie (Council) au 9806 5050. Les bureaux de la mairie sont ouverts du lundi au vendredi de 8h30 à 16h30.

GERMAN .

Wenn Sie diesen Brief nicht verstehen können, rufen Sie bitte den Telefon Dolmetscher Dienst (Telephone Interpreter Service) (131 450) an und lassen Sie sich vom Personal mit dem Gemeinderat (Council) in Verbindung setzen (9806 5050). Geschäftsstunden sind von 8:30 bis 16:30 Uhr, montags bis freitags.

GREEK.

Αν δεν καταλαβαίνετε αυτό το γράμμα, σας παρακαλούμε να τηλεφωνήσετε την Τηλεφωνκή Υπηρεσία Διερμηνέων (131 450) και να τους ζητήσετε να επικοινωνήσουν με το Δημοτικό Συμβούλιο (9806 5050). Τα γραφεία του είναι ανοιχτά από τις 8.30 πμ μέχρι τις 4.30 μμ, από Δευτέρα μέχρι και Παρασκευή.

HINDI

अगर आप इस पत्र को पद्कर समझ नहीं पाते हैं तो टेलीफोन अनुवादक मेवा । प्रोन नंबर १३१ ४५०। को फोन कीतिए और उन्हें काउंमिल । प्रोन नंबर १८०६ ५०००। में बात कराने के लिए कहिएगा। आफ्नि का समय प्रातः ८:३० में सार्थ ४:३० बजे प्रतिदिन मोमवार में जुकवार । ITALIAN _

Se non comprendi questa lettera, telefona al Servizio traduzioni e interpreti al numero 131 450 chiedendo di essere messo in contatto con il Comune (telefono 9806 5050). Orario d'ufficio: ore 8.30-16.30, dal lunedi al venerdi.

KOREAN -

만할 이 편지를 이해하지 못하시면, 전화 통액 서비스 (131 450)에 전화하여 카운글(9806 5050)에 연락해 달라고 부탁하십시오, 근무 시간은 월드급, 오건 8시 30분부터 오후 4시 30분까지입니다.

MALTESE

Jekk na tifhimx din-l-ittra, jekk joghýbok čempel lís-Servizz ta' l-Interpretů (131 450) u itlobhom biex jikkuntatjaw IIII-Kunsill (9806 5050). II-hinijiet ta' I-Ufficcju huma mit-8.30 a.m. sal-4.30 p.m., mit-Tnejn sal-Gimgha.

POLISH

Jeśli nie rozumiesz treści niniejszego pisma, zadzwoń do Telefonicznego Biura Tłumaczy (Telephone Interpreter Service) pod numer 131 450 i poproś o telefoniczne skontaktowanie się w Twoim imieniu z Radą Miejską pod numerem 9806 5050. Godziny urzędowania: 08.30-16.30 od poniedziałku do piątku.

SPANISH

Si Ud. no entiende esta carta, por favor liame al Servicio Telefonico de Intérpretes (131 450) y pidales que liamen a la Municipalidad (Council) al 9806 5050. Las horas de oficina son de 8:30 am a 4:30 pm, de lunes a viernes.

TAGALOG -

Kung hindi ninyo maunawaan ang liham na ito, tawagan lamang ang Telephone Interpereter Service (131 450) at makiusap na makipag-alam sila sa Konseho para sa inyong kapakanan (9806 5050). Oras ng trabaho 8.30 n.u. hanggang 4.30 n.h., Lunes hanggang Biyernes.

TURKISH

Bu mektubu anlayamazsanız, lütlen Telefonla Tercüme Servisi'ne (131 450) telefon ederek, Belediye ile (9806 5050) ilişkiye geçmelerini isteyiniz. Çalışma saatleri Pazartesi — Cuma günleri arasında saat sabah 8.30'dan öğleden sonra 4.30'a Kadardır.

VIETNAMESE -

Nếu quý vị không hiểu thư này, xin điện thoại Telephone Interpreter Service (Dịch Vu Thông Nhôn bằng Điện Thoại) ở số 131 450 và nhờ họ liên lạc với Council (Hội Đồng) số 9806 5050. Giờ Làm Việc từ 8 giờ 30 sáng đến 4 giờ 30 chiều, Thứ Hai đến Thứ Sáu.

National Relay Number: 133 677

Callers who are deaf or have a hearing impairment or speech/communication impairment may call through the National Relay Service using modern or textphone (TTY) by dialling 133 677 and quoting Parramatta City Council's Customer Service Number, 9806 5050.



The land is zoned: B4 Mixed Use PLEP2011

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act, 1979.

NOTE: This table is an excerpt from Parramatta Local Environmental Plan 2011 and must be read in conjunction with and subject to the other provisions of that instrument, and in force at that date.

1 Objectives of zone

To provide a mixture of compatible land uses.

- To integrate suitable business, office, residential, retail and other development in accessible locations so as to maximise public transport patronage and encourage walking and cycling.
- To encourage development that contributes to an active, vibrant and sustainable neighbourhood.

2 Permitted without consent

Home occupations

3 Permitted with consent

Boarding houses; Building identification signs; Business identification signs; Child care centres; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Function centres; Hotel or motel accommodation; Information and education facilities; Medical centres; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Seniors housing; Shop top housing; Water recycling facilities; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Animal boarding or training establishments; Boat building and repair facilities; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Crematoria; Depots; Dual occupancies; Dwelling houses; Ecotourist facilities; Electricity generating works; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home industries; Home occupations (sex services); Industrial retail outlets; Industrial training facilities; Industries; Jetties; Marinas; Mooring pens; Moorings; Mortuaries; Open cut mining; Port facilities; Recreation facilities (major); Research stations; Rural industries; Rural workers' dwellings; Secondary dwellings; Semi-detached dwellings; Sewerage systems; Sex services premises; Signage; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Warehouse or distribution centres; Waste or resource management facilities; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

SECTION B

State Policies and Regional Environmental Plans

The land is affected by State Environmental Planning Policies and Regional Environmental Plans as detailed in Annexure "B1".



Draft Local Environmental Plan

The land is affected by a Draft Local Environmental Plan which has been placed on Public Exhibition and has not yet been published.

Planning Proposal - Housekeeping Amendment to Parramatta LEP 2011

This land is affected by a planning proposal seeking to amend the Parramatta Local Environmental Plan 2011. The planning proposal seeks to: correct anomalies and discrepancies; update provisions in accordance with related legislative changes; and clarify dual occupancy development provisions.

Development Control Plan

The land is affected by Parramatta Development Control Plan 2011.

The Minister for Planning and Infrastructure has issued directions that provisions of an EPI do not apply to certain Part 4 development where a concept plan has been approved under Part 3A.

Development Standards

The land is located within State Environmental Planning Policy (Urban Renewal) 2010.

Development Contribution Plan

The Parramatta Section 94A Development Contributions Plan applies to the land.

Heritage Item/Heritage Conservation Area

An item of environmental heritage is not situated on the land.

The land is not located in a heritage conservation area.

Road Widening

The land is not affected by road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993.
- (b) Any Environmental Planning Instrument.
- (c) Any Resolution of Council.

Land Reservation Acquisition

The land is not affected by Land Reservation Acquisition in Parramatta Local Environmental Plan 2011.

Site Compatibility Certificate (Seniors Housing, Infrastructure and Affordable Rental Housing)
At the date of issue of this certificate Council is not aware of any

- Site compatibility certificate (affordable rental housing)
- Site compatibility certificate (infrastructure)
- Site compatibility certificate (seniors housing)

in respect to the land issued pursuant to the Environmental Planning & Assessment Amendment (Site Compatibility Certificates) Regulation 2009 (NSW).

Contamination

The land is not affected by any of the matters contained in Clause 59(2) as amended in the Contaminated Land Management Act 1997 – as listed



- a. that the land to which the certificate relates is significantly contaminated land
- that the land to which the certificate relates is subject to a management order
- that the land to which the certificate relates is the subject of an approved voluntary management proposal
- that the land to which the certificate relates is subject to an ongoing maintenance order
- e. that the land to which the certificate relates is the subject of a site audit statement

Tree Preservation

The land is subject to Section 5.4 Preservation of Trees or Vegetation in Parramatta Development Control Plan 2011.

Council has not been notified of an order under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land.

Coastal Protection

The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979.

Has an order been made under Part 4D of the Coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land)?

NO

Has Council been notified under section 55x of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land)?

NO

Has the owner (or any previous owner) of the land been consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

NO

Council Policy

Council has not adopted a policy to restrict the development of the land by reason of the likelihood of projected sea level rise (coastal protection), tidal inundation, subsidence or any other risk.

Council has adopted a policy covering the entire City of Parramatta to restrict development of any land by reason of the likelihood of flooding.

Mine Subsidence

The land is not affected by Section 15 of the Mine Subsidence Compensation Act 1961 proclaiming land to be a Mine Subsidence District.



Bushfire Land

The land is not bushfire prone land.

Threatened Species

The Director General with responsibility for the Threatened Species Conservation Act 1995 has not advised Council that the land includes or comprises a critical habitat.

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This does not constitute a Complying Development Certificate under section 85 of the EP&A Act

This information only addresses matters raised in Clauses 1.17A (c) and (d) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

It is your responsibility to ensure that you comply with the general requirements of the State Environmental Planning Policy (Exempt and Complying Codes) 2008. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of State Environmental Planning Policy (Exempt and Complying Codes) 2008 is invalid.

General Housing Code

Complying development pursuant to the General Housing Code may be carried out on the land under Clause 1.17A (c) and (d).

Complying Development pursuant to the General Housing Code may be carried out on the land under Clause 1.19.

Housing Alterations Code

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.19.

General Development Code

Complying development pursuant to the General Development Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Development Code may be carried out on the land under Clause 1.19

Demolition Code

Complying development pursuant to the Demolition Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Demolition Code may be carried out on the land under Clause 1.19.



General Commercial and Industrial Code

Complying development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.19

SPECIAL NOTES

The land is identified as Class 5 on the Acid Sulfate Soils map. Refer to Clause 6.1 of Parramatta Local Environmental Plan 2011.

Applicants for Sections 149 Certificates are advised that Council does not hold sufficient information to fully detail the effect of any encumbrances on the title of the subject land. The information available to Council is provided on the basis that neither Council nor its servants hold out advice or warrant to you in any way its accuracy, nor shall Council or its servants, be liable for any negligence in the preparation of that information. Further information should be sought from relevant Statutory Departments.

ANNEXURE "B1"

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act 1979. Note: The following information is supplied in respect of Section 149 and embodies the requirements of Department of Planning Circular No. A2 dated 17 March 1989 and the Ministerial Notification dated 15 December 1986.

STATE ENVIRONMENTAL PLANNING POLICY NO.1 - Development Standards

STATE ENVIRONMENTAL PLANNING POLICY NO.4 - Development without Consent and Miscellaneous Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.6 - Number of Storeys in a Building

STATE ENVIRONMENTAL PLANNING POLICY NO. 19 - Bushland in Urban Areas

STATE ENVIRONMENTAL PLANNING POLICY NO.21 - Caravan Parks

STATE ENVIRONMENTAL PLANNING POLICY NO.22 - Shops and Commercial Premises

STATE ENVIRONMENTAL PLANNING POLICY NO.32 - Urban Consolidation (Redevelopment of Urban Land)

STATE ENVIRONMENTAL PLANNING POLICY NO.33 - Hazardous and Offensive Development

STATE ENVIRONMENTAL PLANNING POLICY NO.55 - Remediation of Land

STATE ENVIRONMENTAL PLANNING POLICY NO.60 - Exempt and Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.64 - Advertising and Signage

STATE ENVIRONMENTAL PLANNING POLICY NO.65 - Design Quality of Residential Flat Development.



STATE ENVIRONMENTAL PLANNING POLICY NO.70 - Affordable Housing (Revised Schemes)

STATE ENVIRONMENTAL PLANNING POLICY – (Housing for Seniors or People with a Disability)
2004

STATE ENVIRONMENTAL PLANNING POLICY - (Building Sustainability Index: BASIX) 2004

STATE ENVIRONMENTAL PLANNING POLICY - (Major Development) 2005

STATE ENVIRONMENTAL PLANNING POLICY - (Mining, Petroleum Production and Extractive Industries) 2007

STATE ENVIRONMENTAL PLANNING POLICY - (Temporary Structures) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Infrastructure) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Exempt and Complying Development Codes) 2008

STATE ENVIRONMENTAL PLANNING POLICY (Affordable Rental Housing) 2009

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.9 (No.2) - Extractive Industries

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.24 - Homebush Bay Area

SYDNEY REGIONAL ENVIRONMENTAL PLAN - (Sydney Harbour Catchment) 2005

N.B. All enquiries as to the application of Draft, State and Regional Environmental Planning Policies should be directed to The Department of Planning and Infrastructure – 23-33 Bridge Street Sydney NSW 2000.

Dr Robert Lang Chief Executive Officer

Da Jddio

per

dated 22 August 2013



PLANNING CERTIFICATE

CERTIFICATE UNDER SECTION 149 Environmental Planning and Assessment Act, 1979 as amended

SAI Global Property Division Pty Ltd DX 885 SYDNEY

Certificate No:

2013/3530

Fee:

\$53.00

Issue Date:

22 August 2013

Receipt No:

3933614

Applicant Ref:

15796709

DESCRIPTION OF LAND

Address:

4 Bold Street

GRANVILLE NSW 2142

Lot Details:

LOT 18 DP 7553

SECTION A

The following Environmental Planning Instrument to which this certificate relates applies to the land:

Parramatta Local Environmental Plan 2011

For the purpose of Section 149(2) it is advised that as the date of this certificate the abovementioned land is affected by the matters referred to as follows:



If you do not understand this letter, please ring the Telephone Interpreter Service (131 450) and ask Se non comprendi questa lettera, telefona al Servizio them to contact Council (9806 5050). Office hours are traduzioni e interpreti al numero 131 450 chiedendo 8-30am to 4.30pm, Mondays to Fridays. di essere messo in contatto con il Comune (telefono 9806 5050). Orario d'ufficio: ore 8.30-16.30. dal ARABIC _ lunedi al venerdi. إذا لم تستطع فهم هذه الرسالة، الرجاء الاتصال بخدمة الترجمة الهاتفية KOREAN -على رقم ١٣١ ٤٥٠ وأسألهم أن يتصلوا بالبلدية على رقم ١٣٠٠ ٩٨٠٦. 반일 이 전지를 이해하지 못하시면, 전화 등억 서비스 توام ساعات العمل هي من الساعة ١٨٣٠ صباحاً الى ٢٠٠ بعد الظهر من (131 450)에 전화하여 가운습(9806 5050)에 연락해 الاثنين لي الجمعة 달라고 부탁하십시오. 근무 시간은 월~공, 오전 8시 30분부터 오후 4시 30분까지입니다. CHINESE . 如您看不懂此信+請打電話給「電話翻逐服務台」(131 450) MALTEST 請他們聯絡市政廳(市政廳電話98065050)。市政廳辦公時 Jekk na tifhimx din-l-ittra, jekk joghgbok čempel lis-Servizz ta' l-Interpretú (131 450) u itlobhom biex 間,星期一至星期五,上午八點半至下午四點平。 jikkuntatjaw lill-Kunsill (9806 5050). Il-hinijiet ta' CROATIAN I-Ufficcju huma mit-8.30 a.m. sal-4.30 p.m., mit-Tnein sal-Gimgha. Ako ne razumijete ovo pismo, molimo nazovite Službu prevodilaca i tumača (Translating and POLISH Interpreting Service - na broj 131 450) i zamolite ih Jeśli nie rozumiesz treści niniejszego pisma, da nazovu Općinu (na 9806 5050). Radno vrijeme je zadzwoń do Telefonicznego Biura Tłumaczy od 8.30 ujutro do 430 popodne, od ponedjeljka do (Telephone Interpreter Service) pod numer 131 450 i petka. poproś o telefoniczne skontaktowanie się w Twoim imieniu z Radą Miejską pod numerem 9806 5050 FRENCH -Godziny urzędowania: 08.30-16.30 od poniedziałku Si vous avez des difficultés à comprendre cette lettre, do piątku. vous pouvez contacter le service d'interprêtes par téléphone au 131 450 et leur demander de contacter SPANISH la mairie (Council) au 9806 5050. Les bureaux de la Si Ud. no entiende esta carta, por favor llame al mairie sont ouverts du lundi au vendredi de 8h30 à Servicio Teletónico de Intérpretes (131 450) y pídales 16h30 que llamen a la Municipalidad (Council) al 9806 5050. Las horas de oficina son de 8:30 am a GERMAN . 4:30 pm. de lunes a viernes. Wenn Sie diesen Brief nicht verstehen können, rufen Sie bitte den Telefon Dolmetscher Dienst (Telephone Interpreter Service) (131 450) an und lassen Sie sich Kung hindi ninyo maunawaan ang liham na ito, vom Personal mit dem Gemeinderat (Council) in tawagan lamang ang Telephone Interpereter Service Verbindung setzen (9806 5050), Geschäftsstunden (131 450) at makiusap na makipag-alam sila sa sind von 8:30 bis 16:30 Uhr, montags bis freitags. Konseho para sa inyong kapakanan (9806 5050). Oras ng trabaho 8.30 n.u. hanggang 4.30 n.h., Lunes hanggang Biyernes. Αν δεν καταλαβαίνετε αυτό το γράμμα, σας παρακαλούμε να τηλεφωνήσετε την Τηλεφωνκή Υπηρεσία Διερμηνέων (131 450) και να τους Bu mektubu anlayamazsanız, lütlen Telefonla. ζητήσετε να επικοινωνήσουν με το Δημοτικό Tercûme Servisi'ne (131 450) telefon ederek, Belediye Συμβούλιο (9806 5050). Τα γραφεία του είναι ile (9806 5050) iliskiye geçmelerini isteyiniz. Calısma ανοιχτά από τις 8.30 πμ μέχρι τις 4.30 μμ, από saatleri Pazartesi — Cuma günleri arasında saat Δευτέρα μέχρι και Παρασκευή. sabah 8.30'dan öğleden sonra 4.30'a Kadardır. HINDI . VIETNAMESE . अगर आप इस पत्र को पढ़कर ममझ नहीं पाते हैं शी Nếu quý vị không hiểu thư này, xin điện thoại टेलीफोन अनुवादक मेवा (फोन नंबर १३१ ४५०) की फोन Telephone Interpreter Service (Dich Vu Thông Nhôn कीनिए और उन्हें काउंमिल (फोन नंबर १८०६ ५०००) मे bằng Điện Thoại) ở số 131 450 và nhờ họ liên lạc với बात कराने के लिए कांद्रेणा। आफिस का समय पातः Council (Hội Đồng) số 9806 5050. Giờ Làm Việc từ 8

ITALIAN .

National Relay Number: 133 677

८:३० में साथ ४:३० बजे प्रतिदिन सोमवार से जुकवार ।

Callers who are deaf or have a hearing impairment or speech/communication impairment may call through the National Relay Service using modern or textphone (TTY) by dialling 133 677 and quoting Parramatta City Council's Customer Service Number, 9806 5050.

giờ 30 sáng đến 4 giờ 30 chiều, Thứ Hai đến Thứ Sáu.



The land is zoned: B4 Mixed Use PLEP2011

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act, 1979.

NOTE: This table is an excerpt from Parramatta Local Environmental Plan 2011 and must be read in conjunction with and subject to the other provisions of that instrument, and in force at that date.

1 Objectives of zone

To provide a mixture of compatible land uses.

- To integrate suitable business, office, residential, retail and other development in accessible locations so as to maximise public transport patronage and encourage walking and cycling.
- To encourage development that contributes to an active, vibrant and sustainable neighbourhood.

2 Permitted without consent

Home occupations

3 Permitted with consent

Boarding houses; Building identification signs; Business identification signs; Child care centres; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Function centres; Hotel or motel accommodation; Information and education facilities; Medical centres; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Seniors housing; Shop top housing; Water recycling facilities; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Animal boarding or training establishments; Boat building and repair facilities; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Crematoria; Depots; Dual occupancies; Dwelling houses; Ecotourist facilities; Electricity generating works; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home industries; Home occupations (sex services); Industrial retail outlets; Industrial training facilities; Industries; Jetties; Marinas; Mooring pens; Moorings; Mortuaries; Open cut mining; Port facilities; Recreation facilities (major); Research stations; Rural industries; Rural workers' dwellings; Secondary dwellings; Semi-detached dwellings; Sewerage systems; Sex services premises; Signage; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Warehouse or distribution centres; Waste or resource management facilities; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

SECTION B

State Policies and Regional Environmental Plans

The land is affected by State Environmental Planning Policies and Regional Environmental Plans as detailed in Annexure "B1".



Draft Local Environmental Plan

The land is affected by a Draft Local Environmental Plan which has been placed on Public Exhibition and has not yet been published.

Planning Proposal - Housekeeping Amendment to Parramatta LEP 2011

This land is affected by a planning proposal seeking to amend the Parramatta Local Environmental Plan 2011. The planning proposal seeks to: correct anomalies and discrepancies; update provisions in accordance with related legislative changes; and clarify dual occupancy development provisions.

Development Control Plan

The land is affected by Parramatta Development Control Plan 2011.

The Minister for Planning and Infrastructure has issued directions that provisions of an EPI do not apply to certain Part 4 development where a concept plan has been approved under Part 3A.

Development Standards

The land is located within State Environmental Planning Policy (Urban Renewal) 2010.

Development Contribution Plan

The Parramatta Section 94A Development Contributions Plan applies to the land.

Heritage Item/Heritage Conservation Area

An item of environmental heritage is not situated on the land-

The land is not located in a heritage conservation area.

Road Widening

The land is not affected by road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993.
- (b) Any Environmental Planning Instrument
- (c) Any Resolution of Council.

Land Reservation Acquisition

The land is not affected by Land Reservation Acquisition in Parramatta Local Environmental Plan 2011.

Site Compatibility Certificate (Seniors Housing, Infrastructure and Affordable Rental Housing)
At the date of issue of this certificate Council is not aware of any

- Site compatibility certificate (affordable rental housing)
- Site compatibility certificate (infrastructure)
- Site compatibility certificate (seniors housing)

in respect to the land issued pursuant to the Environmental Planning & Assessment Amendment (Site Compatibility Certificates) Regulation 2009 (NSW).

Contamination

The land is not affected by any of the matters contained in Clause 59(2) as amended in the Contaminated Land Management Act 1997 – as listed



- a. that the land to which the certificate relates is significantly contaminated land
- that the land to which the certificate relates is subject to a management order
- that the land to which the certificate relates is the subject of an approved voluntary management proposal
- d. that the land to which the certificate relates is subject to an ongoing maintenance order
- e. that the land to which the certificate relates is the subject of a site audit statement

Tree Preservation

The land is subject to Section 5.4 Preservation of Trees or Vegetation in Parramatta Development Control Plan 2011.

Council has not been notified of an order under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land.

Coastal Protection

The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979.

Has an order been made under Part 4D of the Coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land)?

Has Council been notified under section 55x of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land)?

Has the owner (or any previous owner) of the land been consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

NO

Council Policy

Council has not adopted a policy to restrict the development of the land by reason of the likelihood of projected sea level rise (coastal protection), tidal inundation, subsidence or any other risk.

Council has adopted a policy covering the entire City of Parramatta to restrict development of any land by reason of the likelihood of flooding.

Mine Subsidence

The land is not affected by Section 15 of the Mine Subsidence Compensation Act 1961 proclaiming land to be a Mine Subsidence District.



Bushfire Land

The land is not bushfire prone land.

Threatened Species

The Director General with responsibility for the Threatened Species Conservation Act 1995 has not advised Council that the land includes or comprises a critical habitat.

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This does not constitute a Complying Development Certificate under section 85 of the EP&A Act

This information only addresses matters raised in Clauses 1.17A (c) and (d) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

It is your responsibility to ensure that you comply with the general requirements of the State Environmental Planning Policy (Exempt and Complying Codes) 2008. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of State Environmental Planning Policy (Exempt and Complying Codes) 2008 is invalid.

General Housing Code

Complying development pursuant to the General Housing Code may be carried out on the land under Clause 1.17A (c) and (d).

Complying Development pursuant to the General Housing Code may be carried out on the land under Clause 1.19.

Housing Alterations Code

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.19.

General Development Code

Complying development pursuant to the General Development Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Development Code may be carried out on the land under Clause 1.19

Demolition Code

Complying development pursuant to the Demolition Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Demolition Code may be carried out on the land under Clause 1.19.



General Commercial and Industrial Code

Complying development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.19

SPECIAL NOTES

The land is identified as Class 5 on the Acid Sulfate Soils map. Refer to Clause 6.1 of Parramatta Local Environmental Plan 2011.

Applicants for Sections 149 Certificates are advised that Council does not hold sufficient information to fully detail the effect of any encumbrances on the title of the subject land. The information available to Council is provided on the basis that neither Council nor its servants hold out advice or warrant to you in any way its accuracy, nor shall Council or its servants, be liable for any negligence in the preparation of that information. Further information should be sought from relevant Statutory Departments.

ANNEXURE "B1"

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act 1979. Note: The following information is supplied in respect of Section 149 and embodies the requirements of Department of Planning Circular No. A2 dated 17 March 1989 and the Ministerial Notification dated 15 December 1986.

STATE ENVIRONMENTAL PLANNING POLICY NO.1 - Development Standards

STATE ENVIRONMENTAL PLANNING POLICY NO.4 - Development without Consent and Miscellaneous Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.6 - Number of Storeys in a Building

STATE ENVIRONMENTAL PLANNING POLICY NO.19 - Bushland in Urban Areas

STATE ENVIRONMENTAL PLANNING POLICY NO.21 - Caravan Parks

STATE ENVIRONMENTAL PLANNING POLICY NO.22 - Shops and Commercial Premises

STATE ENVIRONMENTAL PLANNING POLICY NO.32 - Urban Consolidation (Redevelopment of Urban Land)

STATE ENVIRONMENTAL PLANNING POLICY NO:33 - Hazardous and Offensive Development

STATE ENVIRONMENTAL PLANNING POLICY NO.55 - Remediation of Land

STATE ENVIRONMENTAL PLANNING POLICY NO.60 - Exempt and Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.64 - Advertising and Signage

STATE ENVIRONMENTAL PLANNING POLICY NO.65 - Design Quality of Residential Flat Development.

STATE ENVIRONMENTAL PLANNING POLICY NO.70 - Affordable Housing (Revised



Schemes)

STATE ENVIRONMENTAL PLANNING POLICY – (Housing for Seniors or People with a Disability)
2004

STATE ENVIRONMENTAL PLANNING POLICY - (Building Sustainability Index: BASIX) 2004

STATE ENVIRONMENTAL PLANNING POLICY - (Major Development) 2005

STATE ENVIRONMENTAL PLANNING POLICY – (Mining, Petroleum Production and Extractive Industries) 2007

STATE ENVIRONMENTAL PLANNING POLICY - (Temporary Structures) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Infrastructure) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Exempt and Complying Development Codes) 2008

STATE ENVIRONMENTAL PLANNING POLICY (Affordable Rental Housing) 2009

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.9 (No.2) - Extractive Industries

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.24 - Homebush Bay Area

SYDNEY REGIONAL ENVIRONMENTAL PLAN - (Sydney Harbour Catchment) 2005

N.B. All enquiries as to the application of Draft, State and Regional Environmental Planning Policies should be directed to The Department of Planning and Infrastructure – 23-33 Bridge Street Sydney NSW 2000.

Dr Robert Lang Chief Executive Officer

per Ila Julio

dated 22 August 2013



PLANNING CERTIFICATE

CERTIFICATE UNDER SECTION 149 Environmental Planning and Assessment Act, 1979 as amended

SAI Global Property Division Pty Ltd DX 885 SYDNEY

Certificate No:

2013/3528

Fee:

\$53.00

Issue Date:

22 August 2013

Receipt No:

3933614

Applicant Ref:

15796366

DESCRIPTION OF LAND

Address:

6 Bold Street

GRANVILLE NSW 2142

Lot Details:

LOT 17 DP 7553

SECTION A

The following Environmental Planning Instrument to which this certificate relates applies to the land:

Parramatta Local Environmental Plan 2011

For the purpose of **Section 149(2)** it is advised that as the date of this certificate the abovementioned land is affected by the matters referred to as follows:

If you do not understand this letter, please ring the Telephone Interpreter Service (131 450) and ask Se non comprendi questa lettera, telefona al Servizio them to contact Council (9806 5050). Office hours are traduzioni e interpreti al numero 131 450 chiedendo 8.30am to 4.30pm, Mondays to Fridays. di essere messo in contatto con il Comune (telefono 9806 5050). Orario d'ufficio: ore 8.30-16.30, dal ARABIC .. lunedi al venerdi. إذا لم تستطع مُهم هذه الرسالة، الرجاء الاتصال بخدمة الترجمة الهاتقية KOREAN -على رقم ٥٩٠ ١٣١ وأسألهم أن يتصلوا بالبلدية على رقم ١٠٠٠ ٩٨٠٦. 만일 이 먼지를 이해하지 못하시면, 전화 종역 서비스 دوام ساعات العمل هي من الساعة ٨٣٠ مساحاً إلى ٣٠٤ بعد الظهر من (131 450)에 전화하여 카운슐(9806 5050)에 연락해 الاثنين الى الجمعة 달라고 부탁하십시오 근무 시간은 월~금, 오전 8시 30분부터 오후 4세 30분까지입니다. CHINESE -似您看不懂此信,請打電話給「電話翻译服務台」(131 450) MALTESE 該他們聯絡市改廳(市政廳電話9806 5050)。市政廳辦公時 Jekk na tifhimx din-l-ittra, jekk joghábok čempel lis-Servizz ta' I-Interpretú (131 450) u itlobhom biex 酬,拿胡一至拿胡去,上午八點半至下午四點半。 jikkuntatjaw III-Kunsill (9806 5050). II-hinijiet ta' CROATIAN I-Ufficcju huma mit-8.30 a.m. sal-4.30 p.m., mit-Tnejn sal-Gimgha Ako ne razumijete ovo pismo, molimo nazovite Službu prevodilaca i tumača (Translating and Interpreting Service - na broj 131 450) i zamolite ih Jeśli nie rozumiesz treści niniejszego pisma, da nazovu Općinu (na 9806 5050). Radno vrijeme je zadzwoń do Telefonicznego Biura Tłumaczy od 8.30 ujutro do 430 popodne, od ponedjeljka do (Telephone Interpreter Service) pod numer 131 450 i petka. poproś o telefoniczne skontaktowanie się w Twoim imieniu z Radą Miejską pod numerem 9806 5050-FRENCH __ Godziny urzędowania: 08.30-16.30 od poniedzialku Si vous avez des difficultés à comprendre cette lettre. do piatku. vous pouvez contacter le service d'interprétes par téléphone au 131 450 et leur demander de contacter EPANISH la mairie (Council) au 9806 5050. Les bureaux de la Si Ud. no entiende esta carta, por favor llame al maine sont ouverts du lundi au vendredi de 8h30 à Servicio Telefónico de Intérpretes (131 450) y pidales 16h30. que llamen a la Municipalidad (Council) al 9806 5050. Las horas de oficina son de 8:30 am a GERMAN .. 4:30 pm, de lunes a viernes-Wenn Sie diesen Brief nicht verstellen können, rufen Sie bitte den Telefon Dolmetscher Dienst (Telephone TAGALOG . Interpreter Service) (131 450) an und lassen Sie sich Kung hindi ninyo maunawaan ang liham na ito, vom Personal mit dem Gemeinderat (Council) in tawagan lamang ang Telephone Interpereter Service Verbindung setzen (9808 5050). Geschäftsstunden (131 450) at makiusap na makipag-alam sila sa sind von 8:30 bis 16:30 Uhr, montags bis freitags-Konseho para sa inyong kapakanan (9806 5050). Oras ng trabaho 8.30 n.u. hanggang 4.30 n.h., Lunes hanggang Biyernes. Αν δεν καταλαβαίνετε αυτό το γράμμα, σας παρακαλούμε να τηλεφωνήσετε την Τηλεφωνκή TURKISH Υπηρεσία Διερμηνέων (131 450) και να τους Bu mektubu anlayamazsanız, lütlen Telefonla ζητήσετε να επικοινωνήσουν με το Δημοτικό Tercüme Servisi'ne (131 450) telefon ederek, Belediye Συμβούλιο (9806 5050). Τα γραφεία του είναι ile (9806 5050) ilişkiye geçmelerini isteyiniz. Çalışma ανοιχτά από τις 8.30 πμ μέχρι τις 4.30 μμ, από saatleri Pazartesi — Cuma günleri arasında saat Δευτέρα μέχρι και Παρασκευή. sabah 8.30'dan öğleden sonra 4.30'a Kadardır. VIETNAMESE अगर आप इस पत्र की पढ़कर समझ नहीं पाते हैं तो Nếu quý vi không hiểu thư này, xin điện thoại टेलीफोन अनुवादक मेवा ।फोन नंबर १३१ ४५०। की फोन Telephone Interpreter Service (Dich Vu Thông Nhôn कीजिए और उन्हें काउँमिल (फोन नंबर १८०६ ५०००) में bằng Điện Thoại) ở số 131 450 và nhờ họ liên lạc với बात कराने के लिए कहिएगा। आफ्रिम का समय पातः Council (Hội Đồng) số 9806 5050. Giờ Làm Việc từ 8

ITALIAN ..

National Relay Number: 133 677

८:३० मे भाग ४:३० बजे प्रतिदिन मोमवार से जुकवार ।

Callers who are deaf or have a hearing impairment or speech/communication impairment may call through the National Relay Service using modern or textphone (TTY) by dialling 133 677 and guoting Parramatta City Council's Customer Service Number, 9806 5050.

giờ 30 sáng đến 4 giờ 30 chiều. Thứ Hai đến Thứ Sáu.



The land is zoned: B4 Mixed Use PLEP2011

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act, 1979.

NOTE: This table is an excerpt from Parramatta Local Environmental Plan 2011 and must be read in conjunction with and subject to the other provisions of that instrument, and in force at that date.

1 Objectives of zone

- To provide a mixture of compatible land uses.
- To integrate suitable business, office, residential, retail and other development in accessible locations so as to maximise public transport patronage and encourage walking and cycling.
- To encourage development that contributes to an active, vibrant and sustainable neighbourhood.

2 Permitted without consent

Home occupations

3 Permitted with consent

Boarding houses; Building identification signs; Business identification signs; Child care centres; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Function centres; Hotel or motel accommodation; Information and education facilities; Medical centres; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Seniors housing; Shop top housing; Water recycling facilities; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Animal boarding or training establishments; Boat building and repair facilities; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Crematoria; Depots; Dual occupancies; Dwelling houses; Ecotourist facilities; Electricity generating works; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home industries; Home occupations (sex services); Industrial retail outlets; Industrial training facilities; Industries; Jetties; Marinas; Mooring pens; Moorings; Mortuaries; Open cut mining; Port facilities; Recreation facilities (major); Research stations; Rural industries; Rural workers' dwellings; Secondary dwellings; Semi-detached dwellings; Sewerage systems; Sex services premises; Signage; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Warehouse or distribution centres; Waste or resource management facilities; Wholesale supplies

SECTION B

State Policies and Regional Environmental Plans

The land is affected by State Environmental Planning Policies and Regional Environmental Plans as detailed in Annexure "B1".



Draft Local Environmental Plan

The land is affected by a Draft Local Environmental Plan which has been placed on Public Exhibition and has not yet been published.

Planning Proposal - Housekeeping Amendment to Parramatta LEP 2011

This land is affected by a planning proposal seeking to amend the Parramatta Local Environmental Plan 2011. The planning proposal seeks to: correct anomalies and discrepancies; update provisions in accordance with related legislative changes; and clarify dual occupancy development provisions.

Development Control Plan

The land is affected by Parramatta Development Control Plan 2011.

The Minister for Planning and Infrastructure has issued directions that provisions of an EPI do not apply to certain Part 4 development where a concept plan has been approved under Part 3A.

Development Standards

The land is located within State Environmental Planning Policy (Urban Renewal) 2010.

Development Contribution Plan

The Parramatta Section 94A Development Contributions Plan applies to the land.

Heritage Item/Heritage Conservation Area

An item of environmental heritage is not situated on the land.

The land is not located in a heritage conservation area.

Road Widening

The land is not affected by road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993.
- (b) Any Environmental Planning Instrument.
- (c) Any Resolution of Council.

Land Reservation Acquisition

The land is not affected by Land Reservation Acquisition in Parramatta Local Environmental Plan 2011.

Site Compatibility Certificate (Seniors Housing, Infrastructure and Affordable Rental Housing)
At the date of issue of this certificate Council is not aware of any

- Site compatibility certificate (affordable rental housing)
- Site compatibility certificate (infrastructure)
- Site compatibility certificate (seniors housing)

in respect to the land issued pursuant to the Environmental Planning & Assessment Amendment (Site Compatibility Certificates) Regulation 2009 (NSW).

Contamination

The land is not affected by any of the matters contained in Clause 59(2) as amended in the Contaminated Land Management Act 1997 – as listed



- a. that the land to which the certificate relates is significantly contaminated land
- that the land to which the certificate relates is subject to a management order
- that the land to which the certificate relates is the subject of an approved voluntary management proposal
- d. that the land to which the certificate relates is subject to an ongoing maintenance order
- that the land to which the certificate relates is the subject of a site audit statement

Tree Preservation

The land is subject to Section 5.4 Preservation of Trees or Vegetation in Parramatta Development Control Plan 2011.

Council has not been notified of an order under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land.

Coastal Protection

The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979.

Has an order been made under Part 4D of the Coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land)?

NO

Has Council been notified under section 55x of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land)?

NO

Has the owner (or any previous owner) of the land been consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

NO

Council Policy

Council has not adopted a policy to restrict the development of the land by reason of the likelihood of projected sea level rise (coastal protection), tidal inundation, subsidence or any other risk.

Council has adopted a policy covering the entire City of Parramatta to restrict development of any land by reason of the likelihood of flooding.

Mine Subsidence

The land is not affected by Section 15 of the Mine Subsidence Compensation Act 1961 proclaiming land to be a Mine Subsidence District.



Bushfire Land

The land is not bushfire prone land.

Threatened Species

The Director General with responsibility for the Threatened Species Conservation Act 1995 has not advised Council that the land includes or comprises a critical habitat.

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This does not constitute a Complying Development Certificate under section 85 of the EP&A Act

This information only addresses matters raised in Clauses 1.17A (c) and (d) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

It is your responsibility to ensure that you comply with the general requirements of the State Environmental Planning Policy (Exempt and Complying Codes) 2008. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of State Environmental Planning Policy (Exempt and Complying Codes) 2008 is invalid.

General Housing Code

Complying development pursuant to the General Housing Code may be carried out on the land under Clause 1.17A (c) and (d).

Complying Development pursuant to the General Housing Code may be carried out on the land under Clause 1.19.

Housing Alterations Code

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.19.

General Development Code

Complying development pursuant to the General Development Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Development Code may be carried out on the land under Clause 1.19

Demolition Code

Complying development pursuant to the Demolition Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Demolition Code may be carried out on the land under Clause 1.19.



General Commercial and Industrial Code

Complying development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.19

SPECIAL NOTES

The land is identified as Class 5 on the Acid Sulfate Soils map. Refer to Clause 6.1 of Parramatta Local Environmental Plan 2011.

Applicants for Sections 149 Certificates are advised that Council does not hold sufficient information to fully detail the effect of any encumbrances on the title of the subject land. The information available to Council is provided on the basis that neither Council nor its servants hold out advice or warrant to you in any way its accuracy, nor shall Council or its servants, be liable for any negligence in the preparation of that information. Further information should be sought from relevant Statutory Departments.

ANNEXURE "B1"

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act 1979. Note: The following information is supplied in respect of Section 149 and embodies the requirements of Department of Planning Circular No. A2 dated 17 March 1989 and the Ministerial Notification dated 15 December 1986.

STATE ENVIRONMENTAL PLANNING POLICY NO.1 - Development Standards

STATE ENVIRONMENTAL PLANNING POLICY NO.4 - Development without Consent and Miscellaneous Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.6 - Number of Storeys in a Building

STATE ENVIRONMENTAL PLANNING POLICY NO.19 - Bushland in Urban Areas.

STATE ENVIRONMENTAL PLANNING POLICY NO.21 - Caravan Parks

STATE ENVIRONMENTAL PLANNING POLICY NO.22 - Shops and Commercial Premises

STATE ENVIRONMENTAL PLANNING POLICY NO.32 - Urban Consolidation (Redevelopment of Urban Land)

STATE ENVIRONMENTAL PLANNING POLICY NO.33 - Hazardous and Offensive Development

STATE ENVIRONMENTAL PLANNING POLICY NO.55 - Remediation of Land

STATE ENVIRONMENTAL PLANNING POLICY NO.60 - Exempt and Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.64 - Advertising and Signage

STATE ENVIRONMENTAL PLANNING POLICY NO.65 – Design Quality of Residential Flat Development.



STATE ENVIRONMENTAL PLANNING POLICY NO.70 - Affordable Housing (Revised Schemes)

STATE ENVIRONMENTAL PLANNING POLICY - (Housing for Seniors or People with a Disability)
2004

STATE ENVIRONMENTAL PLANNING POLICY - (Building Sustainability Index: BASIX) 2004

STATE ENVIRONMENTAL PLANNING POLICY - (Major Development) 2005

STATE ENVIRONMENTAL PLANNING POLICY – (Mining, Petroleum Production and Extractive Industries) 2007

STATE ENVIRONMENTAL PLANNING POLICY - (Temporary Structures) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Infrastructure) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Exempt and Complying Development Codes) 2008

STATE ENVIRONMENTAL PLANNING POLICY (Affordable Rental Housing) 2009

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.9 (No.2) - Extractive Industries

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.24 - Homebush Bay Area

SYDNEY REGIONAL ENVIRONMENTAL PLAN - (Sydney Harbour Catchment) 2005

N.B. All enquiries as to the application of Draft, State and Regional Environmental Planning Policies should be directed to The Department of Planning and Infrastructure – 23-33 Bridge Street Sydney NSW 2000.

Dr Robert Lang Chief Executive Officer

Da Jelles

per

dated 22 August 2013



PLANNING CERTIFICATE

CERTIFICATE UNDER SECTION 149

Environmental Planning and Assessment Act, 1979 as amended

SAI Global Property Division Pty Ltd DX 885 SYDNEY

Certificate No:

2013/3532

Fee:

\$53.00

Issue Date:

22 August 2013

Receipt No:

3933614

Applicant Ref:

15797717

DESCRIPTION OF LAND

Address:

80 Cowper Street

GRANVILLE NSW 2142

Lot Details:

Lot 21 DP 7553

SECTION A

The following Environmental Planning Instrument to which this certificate relates applies to the land:

Parramatta Local Environmental Plan 2011

For the purpose of Section 149(2) it is advised that as the date of this certificate the abovementioned land is affected by the matters referred to as follows:

Telephone Interpreter Service (131 450) and ask Se non comprendi questa lettera, telefona al Servizio traduzioni e interpreti al numero 131 450 chiedendo them to contact Council (9806 5050). Office hours are 8.30am to 4.30pm, Mondays to Fridays. di essere messo in contatto con il Comune (telefono 9806 5050). Orario d'ufficio: ore 8.30-16.30, dal ARABIC . lunedi al venerdi. إذا لم تستطع فهم هذه الرسالة، الرجاء الاتصال بخدمة الفرجمة الهائفية KOREAN . على رقم ١٣١٤٥٠ وأسألهم أن يتصلوا بالبلدية على رقم ٥٠٠٠ ٢٨٥٦. 만입 이 전치를 이해하지 못하시면, 전화 종역 서비스 دوام ساعات العمل في من الساعة ١٨٣٠ صياحاً إلى ١٠٣٠ بعد الظهر من (131 450)에 전화하여 카운슬(9806 5050)에 연락해 الاثنين الى الجمعة. 달라고 무막하십시오. 근무 시간은 월~금, 오전 8시 30분부터 오후 4시 30분까지입니다. CHINESE 如您看不懂此信、請打電話給「電話翻譯服務台」(+31 450) MALTESE 請他們聯絡市政廳(市政廳電話98065050)=市政廳辦公時 Jekk na tifhimx din-l-lttra, jekk joghábok čempel lis-Servizz ta' I-Interpretù (131 450) u itlobhom biex 蘭·康期一至秦朝五、上午八點半至下午四點至。 jikkuntatjaw fill-Kunsill (9806 5050). Il-hinijiet ta' CROATIAN I-Ufficcju huma mit-8.30 a.m. sal-4.30 p.m., mit-Tnejn sal-Gimgha. Ako ne razumijete ovo pismo, molimo nazovite Službu prevodilaca i tumača (Translating and Interpreting Service - na broj 131 450) i zamolite ih Jeśli nie rozumiesz treści niniejszego pisma, da nazovu Općinu (na 9806 5050). Radno vrijeme je zadzwoń do Telefonicznego Biura Tłumaczy od 8.30 ujutro do 430 popodne, od ponedjeljka do (Telephone Interpreter Service) pod numer 131 450 i petka. poproś o telefoniczne skontaktowanie się w Twoim imieniu z Radą Miejską pod numerem 9806 5050. FRENCH-Godziny urzędowania: 08.30-16.30 od poniedziatku Si vous avez des difficultés à comprendre cette lettre. do piątku. vous pouvez contacter le service d'interprêtes par téléphone au 131 450 et leur demander de contacter SPANISH . la mairie (Council) au 9806 5050. Les bureaux de la Si Ud. no entiende esta carta, por favor llame al maine sont ouverts du lundi au vendredi de 8h30 à Servicio Telefónico de Intérpretes (131 450) y pidales 16h30. que llamen a la Municipalidad (Council) al 9806 5050. Las horas de oficina son de 8:30 am a GERMAN. 4:30 pm, de lunes a viernes. Wenn Sie diesen Brief nicht verstehen können, rufen Sie bitte den Telefon Dolmetscher Dienst (Telephone TAGALOG -Interpreter Service) (131 450) an und lassen Sie sich Kung hindi ninyo maunawaan ang liham na ito. vom Personal mit dem Gemeinderat (Council) in tawagan lamang ang Telephone Interpereter Service Verbindung setzen (9806 5050). Geschäftsstunden (131 450) at makiusap na makipag-alam sila sa sind von 8:30 bis 16:30 Uhr, montags bis freitags. Konseho para sa inyong kapakanan (9806 5050). Oras ng trabaho 8.30 n.u. hanggang 4.30 n.h., Lunes hanggang Biyernes. Αν δεν καταλαβαίνετε αυτό το γράμμα, σας παρακαλούμε να τηλεφωνήσετε την Τηλεφωνκή TURKISH Υπηρεσία Διερμηνέων (131 450) και να τους Bu mektubu anlayamazsanız, lütlen Telefonla ζητήσετε να επικοινωνήσουν με το Δημοτικό Tercüme Servisi'ne (131 450) telefon ederek, Belediye Συμβούλιο (9806 5050). Τα γραφεία του είναι ile (9806 5050) ilişkiye geçmelerini isteyiniz. Çalışma ανοιχτά από τις 8.30 πμ μέχρι τις 4.30 μμ, από saatleri Pazartesi - Cuma günleri arasında saat Δευτέρα μέχρι και Παρασκευή. sabah 8.30'dan öğleden sonra 4.30'a Kadardır. VIETNAMESE -अगर आप इस पत्र को पढ़कर समझ नहीं पाते हैं तो Nếu quý vị không hiểu thư này, xin điện thoại टेलीफोन अनुवादक मेवा फोन नंबर १३१ ४५० की फीन Telephone Interpreter Service (Dich Vu Thông Nhôn क्षीनिए और उन्हें काउंमिन (फोन नंबर १८०६ ५०००) से bằng Điện Thoại) ở số 131 450 và nhờ họ liên lạc với बात कराने के निए कडिएगा। आफ्रिम का ममय पातः Council (Hột Đồng) số 9806 5050. Giờ Làm Việc từ 8 ८:३० से साम ४:३० बजे प्रतिदिन मोमवार में कुकवार । giờ 30 sáng đến 4 giờ 30 chiều, Thứ Hai đến Thứ Sáu.

National Relay Number: 133 677

If you do not understand this letter, please ring the

Callers who are deaf or have a hearing impairment or speech/communication impairment may call through the National Relay Service using modern or textphone (TTY) by dialling 133 677 and quoting Parramatta City Council's Customer Service Number, 9806 5050.



The land is zoned: B4 Mixed Use PLEP2011

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act, 1979.

NOTE: This table is an excerpt from Parrametta Local Environmental Plan 2011 and must be read in conjunction with and subject to the other provisions of that instrument, and in force at that date.

1 Objectives of zone

To provide a mixture of compatible land uses.

 To integrate suitable business, office, residential, retail and other development in accessible locations so as to maximise public transport patronage and encourage walking and cycling.

 To encourage development that contributes to an active, vibrant and sustainable neighbourhood.

2 Permitted without consent

Home occupations

3 Permitted with consent

Boarding houses; Building identification signs; Business identification signs; Child care centres; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Function centres; Hotel or motel accommodation; Information and education facilities; Medical centres; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Seniors housing; Shop top housing; Water recycling facilities; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Animal boarding or training establishments; Boat building and repair facilities; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Crematoria; Depots; Dual occupancies; Dwelling houses; Ecotourist facilities; Electricity generating works; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home industries; Home occupations (sex services); Industrial retail outlets; Industrial training facilities; Industries; Jetties; Marinas; Mooring pens; Moorings; Mortuaries; Open cut mining; Port facilities; Recreation facilities (major); Research stations; Rural industries; Rural workers' dwellings; Secondary dwellings; Semi-detached dwellings; Sewerage systems; Sex services premises; Signage; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Warehouse or distribution centres; Waste or resource management facilities; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

SECTION B

State Policies and Regional Environmental Plans

The land is affected by State Environmental Planning Policies and Regional Environmental Plans as detailed in Annexure "B1".



Draft Local Environmental Plan

The land is affected by a Draft Local Environmental Plan which has been placed on Public Exhibition and has not yet been published.

Planning Proposal – Housekeeping Amendment to Parramatta LEP 2011

This land is affected by a planning proposal seeking to amend the Parramatta Local Environmental Plan 2011. The planning proposal seeks to: correct anomalies and discrepancies; update provisions in accordance with related legislative changes; and clarify dual occupancy development provisions.

Development Control Plan

The land is affected by Parramatta Development Control Plan 2011.

The Minister for Planning and Infrastructure has issued directions that provisions of an EPI do not apply to certain Part 4 development where a concept plan has been approved under Part 3A.

Development Standards

The land is located within State Environmental Planning Policy (Urban Renewal) 2010.

Development Contribution Plan

The Parramatta Section 94A Development Contributions Plan applies to the land.

Heritage Item/Heritage Conservation Area

An item of environmental heritage is not situated on the land.

The land is not located in a heritage conservation area.

Road Widening

The land is not affected by road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993.
- (b) Any Environmental Planning Instrument.
- (c) Any Resolution of Council.

Land Reservation Acquisition

The land is not affected by Land Reservation Acquisition in Parramatta Local Environmental Plan 2011.

Site Compatibility Certificate (Seniors Housing, Infrastructure and Affordable Rental Housing)

At the date of issue of this certificate Council is not aware of any

- Site compatibility certificate (affordable rental housing)
- Site compatibility certificate (infrastructure)
- Site compatibility certificate (seniors housing)

in respect to the land issued pursuant to the Environmental Planning & Assessment Amendment (Site Compatibility Certificates) Regulation 2009 (NSW).

Contamination

The land is not affected by any of the matters contained in Clause 59(2) as amended in the Contaminated Land Management Act 1997 – as listed



- a. that the land to which the certificate relates is significantly contaminated land
- that the land to which the certificate relates is subject to a management order
- that the land to which the certificate relates is the subject of an approved voluntary management proposal
- d. that the land to which the certificate relates is subject to an ongoing maintenance order
- e. that the land to which the certificate relates is the subject of a site audit statement

Tree Preservation

The land is subject to Section 5.4 Preservation of Trees or Vegetation in Parramatta Development Control Plan 2011.

Council has not been notified of an order under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land.

Coastal Protection

The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979.

Has an order been made under Part 4D of the Coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land)?

NO

Has Council been notified under section 55x of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land)?

Has the owner (or any previous owner) of the land been consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

Council Policy

Council has not adopted a policy to restrict the development of the land by reason of the likelihood of projected sea level rise (coastal protection), tidal inundation, subsidence or any other risk.

Council has adopted a policy covering the entire City of Parramatta to restrict development of any land by reason of the likelihood of flooding.

Mine Subsidence

The land is not affected by Section 15 of the Mine Subsidence Compensation Act 1961 proclaiming land to be a Mine Subsidence District.



Bushfire Land

The land is not bushfire prone land.

Threatened Species

The Director General with responsibility for the Threatened Species Conservation Act 1995 has not advised Council that the land includes or comprises a critical habitat.

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This does not constitute a Complying Development Certificate under section 85 of the EP&A Act

This information only addresses matters raised in Clauses 1.17A (c) and (d) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

It is your responsibility to ensure that you comply with the general requirements of the State Environmental Planning Policy (Exempt and Complying Codes) 2008. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of State Environmental Planning Policy (Exempt and Complying Codes) 2008 is invalid.

General Housing Code

Complying development pursuant to the General Housing Code may be carried out on the land under Clause 1.17A (c) and (d).

Complying Development pursuant to the General Housing Code may be carried out on the land under Clause 1.19.

Housing Alterations Code

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.19.

General Development Code

Complying development pursuant to the General Development Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Development Code may be carried out on the land under Clause 1.19

Demolition Code

Complying development pursuant to the Demolition Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Demolition Code may be carried out on the land under Clause 1.19.



General Commercial and Industrial Code

Complying development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.19

SPECIAL NOTES

The land is identified as Class 5 on the Acid Sulfate Soils map. Refer to Clause 6.1 of Parramatta Local Environmental Plan 2011.

Applicants for Sections 149 Certificates are advised that Council does not hold sufficient information to fully detail the effect of any encumbrances on the title of the subject land. The information available to Council is provided on the basis that neither Council nor its servants hold out advice or warrant to you in any way its accuracy, nor shall Council or its servants, be liable for any negligence in the preparation of that information. Further information should be sought from relevant Statutory Departments.

ANNEXURE "B1"

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act 1979. Note: The following information is supplied in respect of Section 149 and embodies the requirements of Department of Planning Circular No. A2 dated 17 March 1989 and the Ministerial Notification dated 15 December 1986.

STATE ENVIRONMENTAL PLANNING POLICY NO.1 - Development Standards

STATE ENVIRONMENTAL PLANNING POLICY NO.4 - Development without Consent and Miscellaneous Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.6 - Number of Storeys in a Building

STATE ENVIRONMENTAL PLANNING POLICY NO.19 - Bushland in Urban Areas

STATE ENVIRONMENTAL PLANNING POLICY NO.21 - Caravan Parks

STATE ENVIRONMENTAL PLANNING POLICY NO.22 - Shops and Commercial Premises

STATE ENVIRONMENTAL PLANNING POLICY NO.32 - Urban Consolidation (Redevelopment of Urban Land)

STATE ENVIRONMENTAL PLANNING POLICY NO.33 - Hazardous and Offensive Development

STATE ENVIRONMENTAL PLANNING POLICY NO.55 - Remediation of Land

STATE ENVIRONMENTAL PLANNING POLICY NO.60 - Exempt and Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.64 - Advertising and Signage

STATE ENVIRONMENTAL PLANNING POLICY NO.65 - Design Quality of Residential Flat Development.



STATE ENVIRONMENTAL PLANNING POLICY NO.70 - Affordable Housing (Revised Schemes)

STATE ENVIRONMENTAL PLANNING POLICY – (Housing for Seniors or People with a Disability)
2004

STATE ENVIRONMENTAL PLANNING POLICY - (Building Sustainability Index: BASIX) 2004

STATE ENVIRONMENTAL PLANNING POLICY - (Major Development) 2005

STATE ENVIRONMENTAL PLANNING POLICY – (Mining, Petroleum Production and Extractive Industries) 2007

STATE ENVIRONMENTAL PLANNING POLICY - (Temporary Structures) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Infrastructure) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Exempt and Complying Development Codes) 2008

STATE ENVIRONMENTAL PLANNING POLICY (Affordable Rental Housing) 2009

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.9 (No.2) - Extractive Industries

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.24 - Homebush Bay Area

SYDNEY REGIONAL ENVIRONMENTAL PLAN - (Sydney Harbour Catchment) 2005

N.B. All enquiries as to the application of Draft, State and Regional Environmental Planning Policies should be directed to The Department of Planning and Infrastructure – 23-33 Bridge Street Sydney NSW 2000.

Dr Robert Lang Chief Executive Officer

per No felolus

dated 22 August 2013



PLANNING CERTIFICATE

CERTIFICATE UNDER SECTION 149

Environmental Planning and Assessment Act, 1979 as amended

SAI Global Property Division Pty Ltd DX 885 SYDNEY

Certificate No:

2013/3533

Fee:

\$53.00

Issue Date:

22 August 2013

Receipt No:

3933614

Applicant Ref:

15797980

DESCRIPTION OF LAND

Address:

82 Cowper Street

GRANVILLE NSW 2142

Lot Details:

LOT 22 DP 651169

SECTION A

The following Environmental Planning Instrument to which this certificate relates applies to the land:

Parramatta Local Environmental Plan 2011

For the purpose of Section 149(2) it is advised that as the date of this certificate the abovementioned land is affected by the matters referred to as follows:

ITALIAN . If you do not understand this letter, please ring the Telephone Interpreter Service (131 450) and ask Se non comprendi questa lettera, telefona al Servizio them to contact Council (9806 5050). Office hours are traduzioni e interpreti al numero 131 450 chiedendo 8-30am to 4-30pm, Mondays to Fridays. di essere messo in contatto con il Comune (telefono 9806 5050). Orario d'ufficio: ore 8.30-16.30. dal ARABIC . lunedi al venerdi. إذا لم تستطع فهم هذه الرسالة. الرجاء الاتصال بخدمة الترجمة الهاتفية KOREAN على رقم ٥٠٠٠ ١٣١ وأسألهم أن ينصلوا بالبلدية على رقم ٥٠٠٠ ١٩٨٠٨. 만입 이 전지를 이해하지 못하시면, 전화 통약 서비스 دوام ساعات العمل هي من الساعة ٨٣٠ صياحاً الى ٢٠٠ بعد الظهر من (131 450)에 전화하여 外운송(9806 5(150)에 연락해 الاثنين إلى الجمعة. 달라고 부탁하십시오. 근우 시간은 월~금, 오전 8차 30분부터 오후 4시 30분까지입니다. 與您看不懂此信,請打電話給「電話翻譯服務台」(131 450) 號他們聯絡市政廳(宇政廳電話 9806 5050)。市拉廳辦公時 Jekk na tifhimx din-l-ittra, jekk joghóbok čempel lis-Servizz ta' l-Interpretù (131 450) u itlobhom biex 間、星期一至星期五、上午八點半至下午四點半。 jikkuntatjaw lill-Kunsill (9806 5050). Il-hinijiet ta* CROATIAN I-Ufficcju huma mit-8-30 a.m. sal-4-30 p.m., mit-Tnejn Ako ne razumijete ovo pismo, molimo nazovite sal-Gimgha. Službu prevodílaca i tumača (Translating and POLISH . Interpreting Service - na broi 131 450) i zamolite ih Jeśli nie rozumiesz treści niniejszego pisma, da nazovu Općinu (na 9806 5050). Radno vrijeme je zadzwoń do Telefonicznego Biura Tłumaczy od 8.30 ujutro do 430 popodne, od ponedjeljka do (Telephone Interpreter Service) pod numer 131 450 i petka. popros o telefoniczne skontaktowanie sie w Twoim imieniu z Radą Miejską pod numerem 9806 5050. FRENCH Godziny urzędowania: 08.30-16.30 od poniedziałku Si vous avez des difficultés à comprendre cette lettre. do piatku. vous pouvez contacter le service d'interprétes par téléphone au 131 450 et leur demander de contacter SPANISH la mairie (Council) au 9806 5050. Les bureaux de la Si Ud. no entiende esta carta, por lavor llame al mairie sont ouverts du lundi au vendredi de 8h30 à Servicio Telefónico de Intérpretes (131 450) y pidales 16h30. que llamen a la Municipalidad (Council) al 9806 5050. Las horas de oficina son de 8:30 am a CERMAN 4:30 pm, de lunes a viernes-Wenn Sie diesen Brief nicht verstehen können, rufen Sie bitte den Telefon Dolmetscher Dienst (Telephone TAGALOG Interpreter Service) (131 450) an und lassen Sie sich Kung hindi ninyo maunawaan ang liham na ito. vom Personal mit dem Gemeinderat (Council) in tawagan lamang ang Telephone Interpereter Service Verbindung setzen (9806 5050). Geschäftsstunden (131 450) at makiusap na makipag-alam sila sa sind von 8:30 bis 16:30 Uhr, montags bis freitags. Konseho para sa inyong kapakanan (9806 5050). Oras ng trabaho 8.30 n.u. hanggang 4.30 n.h.. Lunes GREEK. hanggang Biyernes. Αν δεν καταλαβαίνετε αυτό το γράμμα, σας παρακαλούμε να τηλεφωνήσετε την Τηλεφωνκή TURKISH Υπηρεσία Διερμηνέων (131 450) και να τους Bu mektubu anlayamazsanız, lütlen Telefonla. ζητήσετε να επικοινωνήσουν με το Δημοτικό Tercume Servisi'ne (131 450) telefon ederek. Belediye Συμβούλιο (9806 5050). Τα γραφεία του είναι ile (9806 5050) ilişkiye geçmelerini isteyiniz. Calısma. ανοιχτά από τις 8.30 πμ μέχρι τις 4.30 μμ. από saatleri Pazartesi - Cuma günleri arasında saat Δευτέρα μέχρι και Παρασκευή. sabah 8.30'dan öğleden sonra 4.30'a Kadardır. HINDI

National Relay Number: 133 677

अगर आप इम पत्र की पदकर समझ नहीं पाते हैं तो

टेलीफोन अनुवादक मेबा (फोन मेंबा १३१ ४५०) को फोन

कीनिए और उन्हें काउँमिल (फोन नंबर १८०६ ५०००) मे

बात कराने के लिए कहिएगा। आफिस का संपंध प्रात:

६:३० से मार्प ४:३० बते प्रतिदिन मोमवार से शकवार ।

Callers who are deaf or have a hearing impairment or speech/communication impairment may call through the National Relay Service using modern or textphone (TTY) by dialling 133 677 and quoting Parramatta City Council's Customer Service Number, 9806 5050.

Nếu quý vị không hiểu thư này, xin điện thoại

Telephone Interpreter Service (Dich Vu Thong Nhon

bằng Điện Thoại) ở số 131 450 và nhờ họ liên lạc với

Council (Hôi Đồng) số 9806 5050. Giờ Làm Việc từ 8

giờ 30 sáng đến 4 giờ 30 chiều, Thứ Hai đến Thứ Sáu.



The land is zoned: B4 Mixed Use PLEP2011

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act, 1979.

NOTE: This table is an excerpt from Parramatta Local Environmental Plan 2011 and must be read in conjunction with and subject to the other provisions of that instrument, and in force at that date.

1 Objectives of zone

To provide a mixture of compatible land uses.

- To integrate suitable business, office, residential, retail and other development in accessible locations so as to maximise public transport patronage and encourage walking and cycling.
- To encourage development that contributes to an active, vibrant and sustainable neighbourhood.

2 Permitted without consent

Home occupations

3 Permitted with consent

Boarding houses; Building identification signs; Business identification signs; Child care centres; Commercial premises; Community facilities; Educational establishments; Entertainment facilities; Function centres; Hotel or motel accommodation; Information and education facilities; Medical centres; Passenger transport facilities; Recreation facilities (indoor); Registered clubs; Respite day care centres; Restricted premises; Roads; Seniors housing; Shop top housing; Water recycling facilities; Any other development not specified in item 2 or 4

4 Prohibited

Agriculture; Air transport facilities; Airstrips; Amusement centres; Animal boarding or training establishments; Boat building and repair facilities; Boat launching ramps; Boat sheds; Camping grounds; Caravan parks; Cemeteries; Charter and tourism boating facilities; Crematoria; Depots; Dual occupancies; Dwelling houses; Ecotourist facilities; Electricity generating works; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home industries; Home occupations (sex services); Industrial retail outlets; Industrial training facilities; Industries; Jetties; Marinas; Mooring pens; Moorings; Mortuaries; Open cut mining; Port facilities; Recreation facilities (major); Research stations; Rural industries; Rural workers' dwellings; Secondary dwellings; Semi-detached dwellings; Sewerage systems; Sex services premises; Signage; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Warehouse or distribution centres; Waste or resource management facilities; Water recreation structures; Water supply systems; Wharf or boating facilities; Wholesale supplies

SECTION B

State Policies and Regional Environmental Plans

The land is affected by State Environmental Planning Policies and Regional Environmental Plans as detailed in Annexure "B1".



Draft Local Environmental Plan

The land is affected by a Draft Local Environmental Plan which has been placed on Public Exhibition and has not yet been published.

Planning Proposal – Housekeeping Amendment to Parramatta LEP 2011

This land is affected by a planning proposal seeking to amend the Parramatta Local Environmental Plan 2011. The planning proposal seeks to: correct anomalies and discrepancies; update provisions in accordance with related legislative changes; and clarify dual occupancy development provisions.

Development Control Plan

The land is affected by Parramatta Development Control Plan 2011.

The Minister for Planning and Infrastructure has issued directions that provisions of an EPI do not apply to certain Part 4 development where a concept plan has been approved under Part 3A.

Development Standards

The land is located within State Environmental Planning Policy (Urban Renewal) 2010.

Development Contribution Plan

The Parramatta Section 94A Development Contributions Plan applies to the land.

Heritage Item/Heritage Conservation Area

An item of environmental heritage is not situated on the land.

The land is not located in a heritage conservation area.

Road Widening

The land is not affected by road widening or road realignment under:

- (a) Division 2 of Part 3 of the Roads Act 1993.
- (b) Any Environmental Planning Instrument.
- (c) Any Resolution of Council.

Land Reservation Acquisition

The land is not affected by Land Reservation Acquisition in Parramatta Local Environmental Plan 2011.

Site Compatibility Certificate (Seniors Housing, Infrastructure and Affordable Rental Housing)
At the date of issue of this certificate Council is not aware of any

- Site compatibility certificate (affordable rental housing)
- b. Site compatibility certificate (infrastructure)
- Site compatibility certificate (seniors housing)

in respect to the land issued pursuant to the Environmental Planning & Assessment Amendment (Site Compatibility Certificates) Regulation 2009 (NSW).

Contamination

The land is not affected by any of the matters contained in Clause 59(2) as amended in the Contaminated Land Management Act 1997 – as listed



- a. that the land to which the certificate relates is significantly contaminated land
- that the land to which the certificate relates is subject to a management order
- that the land to which the certificate relates is the subject of an approved voluntary management proposal
- d. that the land to which the certificate relates is subject to an ongoing maintenance order
- e. that the land to which the certificate relates is the subject of a site audit statement

Council advises that the land maybe contaminated and persons should make their own enquiries as to the extent and or existence of any contamination due to previous or current use.

Tree Preservation

The land is subject to Section 5.4 Preservation of Trees or Vegetation in Parramatta Development Control Plan 2011.

Council has not been notified of an order under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land.

Coastal Protection

The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979.

Has an order been made under Part 4D of the Coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land)?

Has Council been notified under section 55x of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land)?

NO

Has the owner (or any previous owner) of the land been consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

Council Policy

Council has not adopted a policy to restrict the development of the land by reason of the likelihood of projected sea level rise (coastal protection), tidal inundation, subsidence or any other risk.

Council has adopted a policy covering the entire City of Parramatta to restrict development of any land by reason of the likelihood of flooding.



Mine Subsidence

The land is not affected by Section 15 of the Mine Subsidence Compensation Act 1961 proclaiming land to be a Mine Subsidence District.

Bushfire Land

The land is not bushfire prone land.

Threatened Species

The Director General with responsibility for the Threatened Species Conservation Act 1995 has not advised Council that the land includes or comprises a critical habitat.

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This does not constitute a Complying Development Certificate under section 85 of the EP&A Act

This information only addresses matters raised in Clauses 1.17A (c) and (d) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

It is your responsibility to ensure that you comply with the general requirements of the State Environmental Planning Policy (Exempt and Complying Codes) 2008. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of State Environmental Planning Policy (Exempt and Complying Codes) 2008 is invalid.

General Housing Code

Complying development pursuant to the General Housing Code may be carried out on the land under Clause 1.17A (c) and (d).

Complying Development pursuant to the General Housing Code may be carried out on the land under Clause 1.19.

Housing Alterations Code

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Housing Alterations Code may be carried out on the land under Clause 1.19.

General Development Code

Complying development pursuant to the General Development Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Development Code may be carried out on the land under Clause 1.19



Demolition Code

Complying development pursuant to the Demolition Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the Demolition Code may be carried out on the land under Clause 1.19.

General Commercial and Industrial Code

Complying development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.17A (c) and (d)

Complying Development pursuant to the General Commercial and Industrial Code may be carried out on the land under Clause 1.19

SPECIAL NOTES

The land is identified as Class 5 on the Acid Sulfate Soils map. Refer to Clause 6.1 of Parramatta Local Environmental Plan 2011.

Applicants for Sections 149 Certificates are advised that Council does not hold sufficient information to fully detail the effect of any encumbrances on the title of the subject land. The information available to Council is provided on the basis that neither Council nor its servants hold out advice or warrant to you in any way its accuracy, nor shall Council or its servants, be liable for any negligence in the preparation of that information. Further information should be sought from relevant Statutory Departments.

ANNEXURE "B1"

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act 1979. Note: The following information is supplied in respect of Section 149 and embodies the requirements of Department of Planning Circular No. A2 dated 17 March 1989 and the Ministerial Notification dated 15 December 1986.

STATE ENVIRONMENTAL PLANNING POLICY NO.1 - Development Standards

STATE ENVIRONMENTAL PLANNING POLICY NO.4 - Development without Consent and Miscellaneous Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.6 - Number of Storeys in a Building

STATE ENVIRONMENTAL PLANNING POLICY NO.19 - Bushland in Urban Areas

STATE ENVIRONMENTAL PLANNING POLICY NO.21 - Caravan Parks

STATE ENVIRONMENTAL PLANNING POLICY NO.22 - Shops and Commercial Premises

STATE ENVIRONMENTAL PLANNING POLICY NO.32 - Urban Consolidation (Redevelopment of Urban Land)

STATE ENVIRONMENTAL PLANNING POLICY NO.33 - Hazardous and Offensive Development

STATE ENVIRONMENTAL PLANNING POLICY NO.55 - Remediation of Land



STATE ENVIRONMENTAL PLANNING POLICY NO.60 - Exempt and Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.64 - Advertising and Signage

STATE ENVIRONMENTAL PLANNING POLICY NO.65 - Design Quality of Residential Flat Development.

STATE ENVIRONMENTAL PLANNING POLICY NO.70 – Affordable Housing (Revised Schemes)

STATE ENVIRONMENTAL PLANNING POLICY - (Housing for Seniors or People with a Disability)
2004

STATE ENVIRONMENTAL PLANNING POLICY - (Building Sustainability Index: BASIX) 2004

STATE ENVIRONMENTAL PLANNING POLICY - (Major Development) 2005

STATE ENVIRONMENTAL PLANNING POLICY - (Mining, Petroleum Production and Extractive Industries) 2007

STATE ENVIRONMENTAL PLANNING POLICY - (Temporary Structures) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Infrastructure) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Exempt and Complying Development Codes) 2008

STATE ENVIRONMENTAL PLANNING POLICY (Affordable Rental Housing) 2009

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.9 (No.2) - Extractive Industries

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.24 - Homebush Bay Area

SYDNEY REGIONAL ENVIRONMENTAL PLAN - (Sydney Harbour Catchment) 2005

N.B. All enquiries as to the application of Draft, State and Regional Environmental Planning Policies should be directed to The Department of Planning and Infrastructure – 23-33 Bridge Street Sydney NSW 2000.

Dr Robert Lang Chief Executive Officer

Olan Jelin

рег

dated 22 August 2013



APPENDIX C HISTORICAL LAND TITLE INFORMATION

SEARCH REPORT

SUBJECT LAND: 2-6 Bold Street and 80-82 Cowper Street, Granville

Lots 17, 18, 19, 20 & 21 DP7533

Lot 22 DP651169

OWNERSHIP:

As regards Lot 17

from circa 1917 to 14.1.1931	Isabel King, wife of Samuel Walter King, Railway Employee

from 14.1.1931	Samuel Walter King, Retired Railway Employee
to 4.2.1947	

from 4.2.1947	Vera May McNab, wife of Archibald James McNab, Coach
to 28.2.1965	Builder

from 26.2.1965	Archibald James McNab and Eric Archibald Walter McNab,
to 15.3.1978	Accountants

from 15.3.1978	Eric Archibald Walter McNab, Accountant
to 2.11.1978	

from 2.11.1978	George Namnoum, Panel Beater
to Date	

As regards Lot 18

from circa 1917 to 14.1.1931	Isabel King, wife of Samuel Walter King, Railway Employee
from 14.1.1931 to 4.2.1947	Samuel Walter King, Retired Railway Employee
from 4.2,1947 to 5.2.1964	Vera May McNab, wife of Archibald James McNab, Coach Builder
from 5.2.1964 to 2.11.1978	Harold Carlton Brown, Tumer and Munei Lorraine Brown his wife
from 2.11.1978	George Namnoum

Page 1

Dischime

to Date

SEARCH REPORT

As regards Lots 19 & 20

from circa 1917 George William Deane, Commercial Traveller and his Estate to 7.9.1938 from 7.9.1938 George Frankland Hughes, Railway Guard to 2 10 1951 from 2.10,1951 George Frankland Hughes and Walter Ernest Hughes, Retired to 6.6.1963 Rallway Employees from 6.6.1963 Marjorie Essmaa Veitch, Married Woman to 23.7.1981 from 23.7.1981 Tony Namnoum to 13.9.1983

George Namnoum

As regards Lot 21

from 13.9.1983

to Date

from circa 1914 Elsie Mary Stockwell, wife of James de Jersey Stockwell, to 18.10.1934 Photographer from 18.10.1934 James de Jersey Stockwell, Photographer to 8.3.1951 from 8.3.1951 Kathleen Jane Stockwell, Spinster to 17.5.1967 from 17.5,1967 Antonio Guiseppina Richardson, Widow to 17.8.1973 from 17.8.1973 Alfred James Gribble and James William Brennan, Rigging to 11.6.1980 Contractors from 11.6.1980 George Namnoum, Panel Beater to 26.6.2007 from 26.6.2007 NCG Pty Limited to Date

SEARCH REPORT

As regards Lot 22

to Date

from circa 1915 to 13.7.1950	Oscar Cecil Vernon Garnett, Confectioner
from 13.7.1950 to 29.8.1960	Charles Bawden Gribble, Café Proprietor
from 29.8.1960 to 28.9.1965	Mabel Gribble, Widow
from 28.9.1965 to 11.9.1979	Chahid Tony Namnoum, Welder
from 11.9.1979 to 28.6.2007	Tony Namnoum and George Namnoum, Panel Beaters
from 28.6.2007	TNSF Pty Ltd

27 August, 2013



CERTIFICATE OF TITLE.

(C.)

Dew South Wales.

LANG No. 1987 2. (Hopman in Cont Hadifical) (Vol. 2019 East 199)



CANCELLED

2807 _{Fra}235

Manufactured of January Group Million Shows of A 165 1975 in now the propriet of an Maria in Nov Morphy, extract recording to the constraint and conditions, it any, contained in the Security of the second to, and showships to make mining to the attention or the contract of the Security Showships to make the contract of the attention of the atte

mand the the my of Bearing on 197.



	E B	17	A MINE	1
	28%	per	150	1
21		18.		
	98277770	1175	-	
		19	30	

cone:	dire	11000	inch		
			-		

5777	IFILATION BEFOREIN TO
France March 18-44	The Montage once the Remainder of the Williams
Private of entered at	Action the Man Con State
No. p. 37d Followed	Karling Elplys
Proprietoral Participation Internal	



Order number: 15955469 Your Reference: 15852866 27/08/13 14:02

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 17/7553

SEARCH DATE TIME EDITION NO DATE 27/8/2013 2:02 PM 1 21/5/1992

LAND

LOT 17 IN DEPOSITED PLAN 7553 LOCAL GOVERNMENT AREA PARRAMATTA PARISH OF LIBERTY PLAINS COUNTY OF CUMBERLAND TITLE DIAGRAM DP7553

FIRST SCHEDULE

GEORGE NAMNOUM (T Q932835)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 E470164 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND COMPRISED IN THIS FOLIO.

UNREGISTERED DEALINGS: NIL

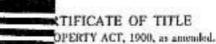
*** END OF SEARCH ***

PRINTED ON 27/8/2013

^{*} Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register.

NEW SOUTH WALES

For Grant and title reference prior to first edition see Deposited Plan.







144 13-2-1964

1st. Edition issued

J504363

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule,

9626

Wilness & Macleman

Registrar-General

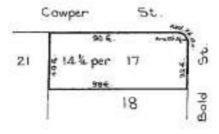


WARNING: THIS DOCUMENT MUST NOT

REMOVED FROM THE LAND TITLES OFFICE

PLAN SHOWING LOCATION OF LAND

CANCELLED



SEE AUTO FOLIO

J 504363

Scale: 50 feet to one inch ESTATE AND LAND HEFERRED TO

Estate in Fee Simple in Lot 17 in Deposited Flan 7553 in the City of Farramatta Parish of Liberty Plains and County of Cumberland.

Registrar General.

FIRST SCHEDULE (continued overleaf)

W.RA MAY Mollab, wife of Archibald Jenes Mollab, of Granville, Ceach Builder,

Registrar General.

MECOND SCHEDULE (continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Flan.

Rogistrar General.

FIRST SCHEDULE (continued)	. III				ert. Gavennenger Promps
REGISTERED PROPRIETOR	1	ANSTRUMENT		- Authorita	I Signifium of
A CANADA CONTRACTOR OF THE CON	NATURE	ASSTURE I	I DATE	ENTERED	Signiture of Registrar General
architected fames who that of symmetelle and this dischitated that the mediate of type	sia .				7-1/
- Water to a comment of the standard of the st	Inomorriesto,	279 27000	w a at-	at.	11.
Bric Archibeld Walter Mollab of Becoroft, Accountant	Transmission		26-2-1915	The state of the s	2
George Eagnoum of Granville, Panelbeater.		- 9604 078	1	15-3-1970-	6
스 역시	Transfer	4932835	*********	2-11-1978	
		100			
	10.04			101	
No. of the contract of the con					
		1 3			
	1				+5
				1 11	
and the second s				F .	(2)

	INSTRUMENT		SECOND SCHEDULE (continued)					
HATURE	HUMBER	DAYE	PARTICULAIS	ENTERED	Signature of Registran General		CANCELLATION	
Mortgage X599601/Mortg	4932836 age to Westpa	Banking Co	to Bank of New South Wales, reporation. Registered 21-6-1988,	2-11-1970	4	Discharged	X599600	(ARI)
			CANCELLED	4 -				
	1 - 1			1				-
	1		SEE AUTO FOLIO		San -		10.00	- 2
			The second of the second					11-1
								t your o
					1 1000		-ai-te 1	
					minus and		- management	
200		11 11 1		F 21			****	

9626

Vol

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED

prior to first edition use Deposited Flan.



9625 12-2-1964 Edition issued lat

MA J504362

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

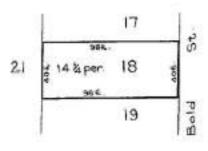
Wilness S. Maclerran





WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE

PLAN SHOWING LOCATION OF LAND



SEE AUTO FOLIO

J504362

Scale: 50 feet to one inch

ESTATE AND LAND REFERRED TO

Betate in Fee Simple in Lot 18 in Deposited Plan 7553 in the City of Farrametta Farish of Liberty Plains and County of Cumberland.

Registrar General.

FIRST SCHEDULE (continued overleaf)

ICERAINE BROWN, his wife, as Joint Tenants.

GRY

SECOND SCHEDULE (continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Plan.

Registrar General.

		R	RST SCHEDULE (conti	nued)					
	REGISTERED PROPRIETO	OR.			NATURE	INSTRUMENT HUMBIN	grag (ENTERED	Signiture of Registrar General
Tony Mannoun of Granville, Motor Me George Namnoun by Transfer 1735487.	Registered 15-9-1983	3			Transfer	Q932033		2-11-1978	A
Land - 100 -									-
***						l.			
					4 64	1			
***************************************		-	100			0.00			1
and the second second	2000 20		B 8				1,500		
22 24		W. W.				100	-	1 2	
0.000	PACE NO. 10	(CH)							
	57.75					in			
			1-1-1-1						1011100

KATONE	INSTRUMENT	BAYY	PARTICULARS	ENTERED	Signature of Registral-General		CANCELLATION	
Mortgage	Q932834		to-Bank of New South Wales	2-11-1978	h	Discharged	T282693 T735486	Kein
			the research of the section of		-			
	10 1 2 1							
			CANCELLED			1 1		
		1.7.	CANCELLED	40 1000				
	100							+
			SEE AUTO FOLIO		-	40 1 19	V 140	
-	100.00	10000	THE RESIDENCE THAT ARE THE PARTY OF	-				1 -
	1	4 1 1	the state of the s		-	1000	100	
	10000	1000	THE RESERVE OF THE RE		H 175	TT 100 (40%)	Se North	-
	-		the contract of the contract of the contract of	THE PARTY IN		2 2 7		
			The second secon	100	-	41, 17, 4-4, 41	y = 0+=	
CERT THE	+0+0	-				1		
			and the second s					

FORM No. 1834

9625

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED

PIPE !

735486 g

)11 /Sts:OK.SC /Prt:27-Au



Order number: 15955527 Your Reference: 15852866 27/08/13 14:03

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 18/7553

SEARCH DATE TIME EDITION NO DATE 27/8/2013 2:03 PM 1 21/5/1992

LAND

LOT 18 IN DEPOSITED PLAN 7553 LOCAL GOVERNMENT AREA PARRAMATTA PARISH OF LIBERTY PLAINS COUNTY OF CUMBERLAND TITLE DIAGRAM DP7553

FIRST SCHEDULE

GEORGE NAMNOUM (T T735487)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 E470165 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND COMPRISED IN THIS FOLIO.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

PRINTED ON 27/8/2013

^{*} Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register.

CERTIFICATE OF TITLE.

(0.)

Dew South Wales.

(Section at + 8 s was as a 1 + 2 and + 2 and

(App. Fo. 19 e g = (Minimum in Law & Explained as a law (Fid. 2) & q = Fide 19 g



2808 _{Vern} 240

CATTORINE W

George Milliam Deares of parameter bearing the second of parameter bearing to the second of the seco

In concess whereoff, I have become signed my more and attend my Seal, this No. 19 for the day of

suggest the E may at Alberta Service 2007; in the presence of D. Nackon

Bothelianel

1° \$ 6.52 b to 3 bareat Ownered and balongil t who 12 O Thick in a

NOTIFICATION REPERBED TO.



CAEAT WISTERN RAILWAY

Frontieters of the mention of the second for the second second for the second s

Potag woons orien

0

June 198 A to his man

All You





Order number: 15955560 Your Reference: 15852866 27/08/13 14:04

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: AUTO CONSOL 2808-240

SEARCH DATE TIME EDITION NO DATE
27/8/2013 2:04 PM - -

VOL 2808 FOL 240 IS THE CURRENT CERTIFICATE OF TITLE

LAND

LAND DESCRIBED IN SCHEDULE OF PARCELS
LOCAL GOVERNMENT AREA PARRAMATTA
PARISH OF LIBERTY PLAINS COUNTY OF CUMBERLAND
TITLE DIAGRAM DP7553

FIRST SCHEDULE GEORGE NAMNOUM

(T T735489)

SECOND SCHEDULE (2 NOTIFICATIONS)

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S) 2 X599599 MORTGAGE TO WESTPAC BANKING CORPORATION

NOTATIONS

UNREGISTERED DEALINGS: NIL

SCHEDULE OF PARCELS

LOTS 19-20 IN DP7553.

*** END OF SEARCH ***

PRINTED ON 27/8/2013

^{*} Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register.

CERTIFICATE OF TITLE.

(C.)

Dem South Wales.

CARSCLLED

[Agg No. 1957]. [Defended to Good Sout James. [Fed. 2006 Fello 112.



выятия воок. va. 2483-ап. 59

in the C	
6 11 1 0	OP.
his Horn Hockwell	Vingo of James Co Josep Shortwell of Windowskills, provinging the 2 augus
out many Arthur	Conferred James De Josep Shakaritt of Made retheritte starting and he assessed
under Sommund of Danight from Holes old	
	in, if any, contained in the Greet horoisation referred to, and also subject to such
resiliences, liens, and interests as are notified here	A.C. Carrier and C
	Parish at Reberty placement and Carry at Considerationed
taining alreading perchet	, or themselves
shown in the Plan bereen, and themin edged roll,	
	eg. 8 x 3555 and part of the electrical and and and have for a secretary
	is the Department of Lands originally greated to Manufacture Manufacture.
a direct from which the first day of	formery are threatest pight handed and are -
to the prosence of Indialey	Deputy Degates General.
Cowper St \	Can S
	NOTIFICATION REFERRED TO
22 21 17	Andrew Co. Francisco de Contraction de Contraction
1 1	A makigraklar
	Protection for the calls with a merchant to comme at the same
T	HOW I A ELICA SECOND
× i n	W TO THE THE THE PARTY OF
E = 1 m	Oceny at aire
	AFFORM MILITA
Gerar Brown	No. 0.000077.0007000 agen 327/1000/for 1924
SEAT WEDTERN RACEMAN	The far and Samuel to be any stockwell for
- May	The state of the s
	Produced and interest 3 Sept Care Com 1981 6

As 0 50 HOURS 018 CH 9 ROL of an his murigage No. 0 9 9 9 77 extent 172 Account to 1891 Traditions and entered 20 Account to 1891 Account to the 1891 Account to 1891 Account to the 1891 Account to 1891 Account to the 1891 Account to 1891 Account to 1891	MORYGACE No. A SET TOS See S. 473164 Energ TYPT Lag TYPE APENTION CONTEST STORYTON CONTEST STORYTO
Refletoook TRANSFER consist from 195 I'm the tell Organise by Johnsey Streets were to Short Seed Service Streets were to Short Seed Service Streets were to Ribert and minister Short 1991 Ribert Seed Seed Seed Seed Seed Seed Seed See	HERTELES IN 3 52410 In the scanges IN 579/10 10 IN 19/14 IN 19/1 Alleren drawest Interpretation of the scanges of the scange
The sale of the sa	See TRANSPER HELT OF THE
J. Hells (1)	Man A DISTE - NOW MAN SERVICE AND PROBLEM SOFT OF THE PROBLEM STATE OF THE PROBLEM SOFT OF THE PROBLEM SERVICE AND
Mustree 1500 1 1159	Chart and Labor of the Control of the State of the Control of the
THE PERSON AND AND AND AND AND AND AND AND AND AN	MAGRITICAL CONCRAT Magritical Montgage and Size 112
There were because the file of the state of	With the same of t



Order number: 15955590 Your Reference: 15952998 27/08/13 14:05

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 21/7553

SEARCH DATE TIME EDITION NO DATE 27/8/2013 2:05 PM 1 26/6/2007

LAND

LOT 21 IN DEPOSITED PLAN 7553 LOCAL GOVERNMENT AREA PARRAMATTA PARISH OF LIBERTY PLAINS COUNTY OF CUMBERLAND TITLE DIAGRAM DP7553

FIRST SCHEDULE

NCG PTY LIMITED

(T AD219742)

SECOND SCHEDULE (1 NOTIFICATION)

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

PRINTED ON 27/8/2013

^{*} Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register.

14194217

Appln No 19072

(Page 1) Vol.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

Prior Title Vol. 2483 Fol. 59



EDITION ISSUED

18

I certify that the person described in the First Schedule is the registered proposetor of the undergrand explained, band and an exertiscies to such exceptions encumbrances and interests as are above in the Second Schedule. CANCELLED

Ser



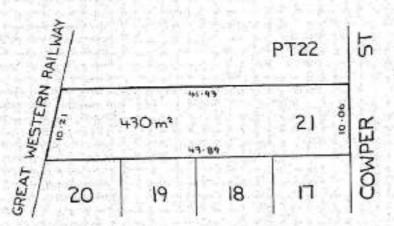
B 1980 rescribed subject

SEE AUTO FOLIO.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METHES



ARE ME

REDUCTION RATIO 1:400

BSTATE AND LAND REFERRED TO

Entate in Fee Simple in Lot 21 in Deposited Plan 7553 in the City of Parrametta Parish of Liberty Plains County of Cumberland being part of Portion 1 granted to Garnham Blaxcell on 1-1-1806.

FIRST SCHEDULE

GEORGE NAMHOUM of Granville, Penel Bester.

GRY

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Grown grant above referred to.

FIRST SCHEDULE (continued)							
REGISTERED PROPRIETOR	NATURE NATURE	UNIT	REGISTERED	Signature of Registrar Genera			
	HATUKE	NUMBER	V 255 4-4				
	5 5 5 5	0. 440	Contract of	- 1-3 0			
CAMOFLIED		18.0		7.0			
CANCELLED			8 13 11 11				
한 기존 경우 등 경우를 하면 되는데, 이번 등 대표학교 등에 대중, 범이에 그리면 가는데 가게 되었다. 이번 기계	W. W. A. D. L. C. L. A.	1	3 3 70				
ELECTIVE REPORTS AND ADDRESS OF THE PROPERTY O	and the	7 5 7	1-120	15 17 3			
SEE AUTO FOLIO	J. S. A. S. 1	John S.	2 4 4 8				
	1-23 Art	Let Broke	Sec. 1. 16. 1	ill. Link			
	1		15 3 4 0	17 6 1			
Newschool - And of Education of the Control of the State of the Control of the State of the Stat		A SECTION		100			
사용하는 사용하는 제공 경험을 하고 있다.	CALL STATE	44.20.46	6 8 3-8	- P			
电单元表 化化电子 医对性中央中枢 医手手引起 化电压电池 电影性性	(日本) 大多	100	E - E - E	3-1-8			
the first over the best of the first and the first than the first of t	Arriver A. A. St.	THE RIVER	1000	Arrasin,			

		SECOND SCHEDULE (continued)				
INSTILLMENT NATURE NUMBER		PARTICULARS	REGISTERED	Signature of Registrar General	CANCELLATION	
200000		to revision and the first of the property of the special for	16 C 5 A		0-2	
			And all	Ge 11 - 2	- 1	3 - 3.5
446	Victoria de		1-21-119	and the state of		
1.5.7			1 - 1			-
W. J., E. S.	71-6-5		C C C C C	77	31	
in amilia i	COST OF	医心脏性 医皮肤 医二氏性 医皮肤性 医皮肤 医皮肤 医皮肤	1 3 TH 20 FO	CONTRACTOR OF THE		
	- FI 18	for the second section to the property of the party of the second section and the second section and the second section as the secon	ELS FIRM	11-3-0	1000	100
	F-10.1-	Control of the Arthurst Contro	of a security of	44,25	55 VIH 64 1	0.5
	T. C.				E. E. C. B.	1
138	No. New		-		C. 12-2.1	- L
F-101-10-11	The second	THE PERSON OF TH			- V	
4-1	ALC: N		FED SERVENYS		Section 1	
	Contract to		A REPLETO	25-77-118-7	10 C	P+30
5.75.5	du horo		A Part of the	44 4 5 5 5 1	eri-lower	1,000
F 0	L. Mar	Calculation of the second of t				Same.
S. Alberta	The state of the			7 7 7	1 3	1
A	W - 25.			553700	- 1 3 U' 1 Ju	100
Portandi St	TEST TO SAME	Set the Highworld South Francisco Devoted States of Links Fall &	1800	THE PER 2013	- 00 PL 99	100
No. 120 years fall	Tana Janasa	Exist a large of the second of	10 pouzer 8850 p	Children and the	9-10-120-22-7	2-45

CERTIF	FICATE OF	TITLE
(C)	0.00 0.00 000	
100	New South Wales.	
(App. No. 17117)	2000	правлян поок
(Vol. tople Palis rat.		2626 nov243
		CANCELLED CANCELLED CANCELLED
	Comments.	***V1000.7
C 1 11	(-m	
Exai Cal binor	Sainell ,	
of transfer from Letters of Ling	of "of tree?" is an addition, if any mentioned in the Great hereinalter and	or the proprietor of an Epister in Fig. Harple formed to, and also indicate to work management
from, and interest as our notified bereen, in	Think pine of land often.	
metaling decides provided		, and Gundy at Etters Continued
or shown on the Plan house, and theses of on a Plan deposited in the Lord Tribe Office	e, Sydney, Knipt Charge or your reasons	+
debroated in the Public Map of the course !	Bessel In the Department of Lords originally	grand to Grand Strength by
The state of the s	The state of the s	
In witness whereof, I have become	signed say name and affixed say Sad, this So	1 J. 44 4
the state of the s	signed by same and affixed my Sect. this	
		1 - 2, Ag of
		Earl Per
Signal the Const	nee thereast size trained and offer ht	Barrier Grown
Signal the Const	new thousand size translate and soften	Registers George
Signal the Const	new thousand size translate and soften	Barrier Grown
Figured the	Total Southern	Hagistent George Carrier To.
Equal the Surger St. Comper St.	Deputy Softing Soft	Harister George Control To. Mostage Selection Self Garmany M17 Leady University of Engages of Control of Control of Engages of Eng
Egned the Many of Sound in the pressure of Comper St	Deputy Softing Soft	Herister George Course To. Morragos deles 30t Garmany M71 Levil Marray of Barnath Co. Chay Mitagan of Barnath Co.
Egant the Comper St	Deputy Softing Soft	Herister George Set Garman, 1877 Morrago: Setus Set Garman, 1877 Level Marraya, Marraya, 1877 Chay Margan, of Estimate
Egant the day of food Comper Sc 23 22 21	Deputy Softing Soft	Magnetic George CATION DEPTHERING TO. MOSTAGES SALES SALE DETERMINED TO. MOSTAGES SALES
Egnel the day of food	Deputy Sortist Sort	Manufact George To. MONTAGES Selected Self Garmany Manufacture Change of Education of Education Control of Co
Egant the day is found in the presence of Comper St. 23 22 21 56Air	Deputy Sortist Sort	Harister George CATION DEPTHEND TO. MONTANCE Series 36th Garmany MIT Level Visconson School Company MIT Charles School Company MIT WHEN SO THE SERIES SERIES ATTUTORS SCREEN
Comper St.	Tennis South State	Therefore desert of James 1971 Appropriate to the Set James 1971 Lead Margani of France 1971 Lead Margani of William Martings Approx 166 James 1971 Lead Margani of William Martings Lead 166 James 1971 Lead 1971

		•
FORTH WORTHARD WITH BURGET 1819 The Report Stage for the Marie of Frederick Stage for the Stage of the Stage	HEREAL STATES OF THE STATES OF	
Actuality is dead from the said format.	Day of the fact of the second	
Meliano (STATES TO SECURE AND ASSESSED.	
No. Filed St. Diller A Rill of within more of the first of the state of the first of the state o	COMPUTER FOUCT / LOUIS NO PURDICIN DEMANDS TO BE REMOTERAD.	
MANTHE HOUSE MINISTER HOUSE MINISTER HOUSE MINISTER HOUSE MANTHE MANTHE MANTHER	Unit for hick with conduction of the fact	
Product and served 13th grapy 1250 Of material when it is force with the first of the first with the first of the first o		
In Passage NOTE LOS under foresers Ingle to all faster Barrers Destille &		1
Freehouse and softened that the contract 19.5 of the contract		
The formation of the Marine of the Same		
Justin (
Marke Vinted of Viennilla Waters to		
Secretary Comments of the Secretary of t		
	4	
	A Line of the last	

NEW SOUTH WALES

20

Appln. No. 19072

Prior Title Vol. 2626 Fol. 243

ACT, 1900, as amended.



0123207

1st Edition issued

K29075 SEE AUTO FOLIO

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Witness

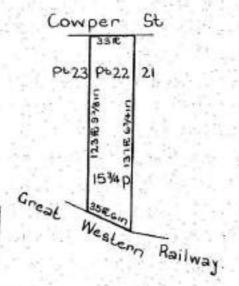
Registrar General



WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM

THE LAND TITLES OFFICE

PLAN SHOWING LOCATION OF LAND



THE LAND WITHIN DESCRIBED IS NOW OT 22 IN DP651169

K 29075

Scale: 50 feet to one

ESTATE AND LAND REPERSED TO

Estate in Fee Simple in part of Lot 22 in Deposited Plan 7553 in the City of Perranatta Parish of Liberty Plains and County of Cumberland being part of Portion 1 granted to Garnham Blaxcell on 1-1-1806.

Registrar General.

FIRST SCHEDULE (continued overleaf)

Registrar General.

SECOND SCHEDULE (continued overleaf)

Reservations and conditions, if any, contained in the Grown Grant above referred to.

Registrar General.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

FIRST SCHEDULE (continued)					
REGISTERED PROPRIETOR		TARHUSTZAL		ENTERED	Signature of Registrar Gener
	NATURE	HUPBER	DATE	CHICAGO	Augtibrar Gener
Tony Mannoun in g share and George Karmoun in g share both of Granville, Panel Beaters, tenancy		D.140000			
	Transfers	R412989 R412990		11-9-1979	6
CANCELLED	- AMERICAN	100.56.225		11-2-1312	10722,172
Water of the later of					
SEE AUTO FOLIO		-			
GEEAGIOTOLIG					
results from the control of the cont					
			6		11-
		Maria de la constante de la co			

SECOND SCHEDULE (continued) INSTRUMENT NATURE PARTICULARS ENTERED September of Cancellation Reputer General Cancellation								
NATURE .	NUMBER	Bett	PARTICULARS	ENTERED	Signature of Registrar General		CANCELLATION	
-		-						
			Contract to the contract of th		4 -1 -1			
			TVS - I				-	7/
		-			* ***		17.	
				£1				100
	51.5	1 m			2.5	4. 8-1		i i i
St 1 -	0 1 - 1	1921		7.1				-
The company							E 14	
	111 12 5							
						-		
-								
					140			
				2		-		
	-							
4								111111111111111111111111111111111111111
								100
23.25	Page 1	Last - P	그리고 있는데 하는 항상 등록 하는 사람들은 하는 경기를 받았다.	1 1 1 m			ton the s	30 8 31 70

FORM No. 62

3

10123

Vol

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED



Order number: 15955614 Your Reference: 15952868 27/08/13 14:05

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 22/651169

SEARCH DATE TIME EDITION NO DATE 27/8/2013 2:05 PM 1 28/6/2007

LAND

LOT 22 IN DEPOSITED PLAN 651169

AT GRANVILLE

LOCAL GOVERNMENT AREA PARRAMATTA

PARISH OF LIBERTY PLAINS COUNTY OF CUMBERLAND

TITLE DIAGRAM DP651169

FIRST SCHEDULE

TNSF PTY LTD

(T AD230384)

SECOND SCHEDULE (1 NOTIFICATION)

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

PRINTED ON 27/8/2013

^{*} Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register.



APPENDIX D WORKCOVER NSW INFORMATION



92-100 Donnison Street, Gosford, NSW 2286 Locked Bao 2906, Listrow, NSW 2:252 T 02 4321 5000 F 02 4325 4145 WorkCover Assistance Service 13:10:50 DX 731 Sydney workcover.nsw.gov.au

26 August 2013

Attention: David Yonge SMEC Testing Services Pty Ltd PO Box 6989 Wetherill Park NSW 2164

Dear Mr Yonge,

RE SITE: 2-6 Bold St & 80-82 Cowper St Granville NSW

I refer to your site search request received by WorkCover NSW on 22 August 2013 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours Sincerely

Brent Jones Senior Licensing Officer Dangerous Goods Team





APPENDIX E SOIL PROFILE LOG SHEETS

	Cliert. Designer Home Constructions Pty Limited Purjon: 2-6 Rold and 20-32 Compar States, Orano			Project No.: 19905/3375C Date; Appear 28, 2013	Dec	DREHOLE NO.:	BU L
Location.	Refer to De	oring No. 14/16	467	Legged IK		Short I of 1	
W A J T A E B E L E	8 A M P L E S	083-711 (m)	DESCRIPTION OF D (Soil type, tolder, gratiers, plants SANDY (BAVEL, light gray with dark gray and sed)	ty. въбот сотгранения, объекува ј опај	R W O L	CONSISTENCY (ushasies seib) us REFATIVE DENSITY (sends sed gereds)	M O I S T E R B
	@ 3 pz ==		SILTY CLAY: data provinces, median planning to	en of period	a		D-M
	खंदा = हा	Q\$	SILTY CLAY, ocuses betwee with light grey, medium	FILL to high planticity PED = 0.5 ppm.	ETYCH	स्वार का अवद	N.
		11				STIPF	
		15	SILTY (TAY) begin gary with manage income, medium	ptentrity, reconsisted whole groved	ca.	VERY STIFF	₩
		211	WEATHERED SHALD: dark grey with omage bases	consideral day space		DATAEMBLY LOW STRENOTES	D
		25	AUCUR REPUSAL AT 1.8 M ON WEATH BRIDDS	IALE			
NOTES;	D - despripa WT - level s	d marquic of winds middle or	U - profine proof type completive water See explanation above for meaning of all descriptions	B - bulk sample N - Sandard Peneranna Test (SPT) terms and symbols		r. 919 c. Edwar RJF70 neter (jeun): 100	<u> </u>
					Angle than	x Vertical (*) 0	

		Constructions (10-32 Compar 9		Dec	DREHOLE NO.:	BU 2
Location.	Refer to De	oring No. 14/16	46'2 Laggest JK		Sheer I of 1	
W A J T A E B E C	8 A M F L E S	рвути (m)	DESCRIPTION OF DRIBLIZED PRODUCT (Still uppe, colour, grain ann, plantarly, relient components, observational) CONCERTS: (90 man thick)	R Y M D O L	CONSISTENCY (ushoise seib) or REFATIVE DENSITY (stude sed gerels)	M G I S T C R B
	% €*3 E		SILTY SANDY CLAY: cink gory web occasional light gray, the graned end, low plasticay, made of graves	a	FEM	м
	54 (§ 6,4 m	Q.5	FILL SILTY CLAY, counge boows with clost, grop, result are plantically, bases of fine genicul secul, types of growth MTs = 0.3 ppro	a	FORM TO STOPS	M
	85 Qg 1.5 m	10	SILTY CLAY: oruge brows will light grey, medium to high placearity PLD = 0.3 ppm	CLASH	RUFF	M
		13	SILTY CLAY: light gary with comego traver, metican or high planarity, eccanonal shale grave!	CLAS	YURY STUPP	M
		20 -	WEATHERED 3GALP: deck grey with sounge books, day scene		EXTREMENT LOW	а
		23	ALICER REPUSAL AT 2.2 M ON WHATI ERED SHALE			
NOTES;	D - del uto WT - level i	d energyle of wenter missie on	the wider N - Standard Penetranna Tes: (SPT)		C Edenz RJF70	
					necer (euns): 100 x: Verdool (**) 0	

		Constructions	Pty Limited Imput, OrganiTic		Project No.: 19305/33750 Date; Appur 28, 2013		DO	REHOLE NO.:	BU 1
Location.	Refer to De	oring No. 14/16	467		Lieggest IK			Sheer I of 1	
W A J T A E B E C	A AM PLES	БВ-ТП (ш)	CONCRETE:	(Soil type, colour, grain east, plants	PRODUCT ty. ruleor components, observations)		TOWN	CONSISTENCY (colorative acids) or REFATIVE DEMOSTRY (acids and garvala)	M G I S T U R B
	96/97/98 96/97/98		SILTY CLAY:	dark trown with duck groy and courge plantacy, trace of fine grained send,	bown and light grey, medium to high more of graval PDD = 0.4 p		a	9000 TO 81079	м
	59 @ 6,4 m	us	SILTY C LAY:	ः । स्टब्स्ट्रेट केपन्स्य स्टांगे प्रमुद्धं मुख्यम्, तावपीय	FCLL nto begit phost-city PCO 40.2 j	, a	Locter	FORM TO STOPE	M
								<u>-</u>	
			SILTY CLAY	highl grey with orange brews, specime	plantarity	1	a	SUFF VERY STIEF	w
		15	WEATHERED	SHALE: riek goyenîh k ijê ge yen	ionenge banen, sby eseme			EXTREMELY LOW STRENGTH	מ
		20							
		-							
		_	VIUGES BEEN.	SALAT 3.0 M ON WEATHERED S	HALE				
NOTES:	ն - փորդեր	d carrele		V - undistrated take sample	B-իաված դարդարակա	Ower		ятя	
		of water made or		on sheets for messang of all description	N - Soudard Penermon, Tex (SPT)	Equiq	TR'N	: Edeaz RJF70 eaer (euns): 100	
						Angle	: Occ	Vertical (*) 0	

cp; 2	o Rold and a		tagest, Organis Tagues 28, 2013	DH	DREHOLE NO.:	BU 4
tion.		oring Na. 14'	462 Legged IK	\dashv	CONSISTENCY	м
I A B C	A M J L E S	b£≻ττι (co)	DESCRIPTION OF DRILLIED PRODUCT (Soil type, tolow, grain exx, plantisty, relien components, observations)	R W M D O L	(ushnistziib) us REFATIVE DENSITY (such sed gerels)	5 1 1 1 1
	510	_	ASSPHALT/SANDY (BLAVEL: data.grey FILL SILTY CLAY: orange boose with deak grey and light grey, medican to high plantainy, PED = 0.5 y	CD/CE	FIRM TO	T
	@ 9.0 m		क्राज्य की द्वारूपने स्वाप		VURY STUP	
	9:1 (⊕0,4 ±	0.5	SILTY CLAY, commyn become with logic grey, creditors to bright plantically PCD - 0.2 p	pes CLAS	FIDENT TO STIPS	,
					SUPF	
			SILTY CLAY: light grey with omega brown, medium to high plantedly	CLASS	C VERY STIPP	
		13	WRATHERED SHALE: don't grey with high grey, oldy scame		HATERMALY LOW	
		_			STRENOTES	
		20 -				
		25 	AUGER REFUSAL AT 24 M ON WEATHERED SHALE			
E9;	D - deluto WT - Levi :	d marquic of water mister	U - profine projek B - bulk sample the water N - Sandard Peneranna Tex (SPT)	Commeto Equations	r. 979 x: Edwar RJF70	
			See explanation above for meaning of all descripting terms and symbols	- 1	meter (iruna): 100 c. Ventical (*) 0	



APPENDIX F CHAIN OF CUSTODY DOCUMENTATION





Environmental Division

SAMPLE RECEIPT NOTIFICATION (SRN)

Comprehensive Report

ES1319417 Work Order

Clinat : SMEC TESTING SERVICES PTY LTD Laboratory : Environmental Division Sydney

Contact : DAVID YONGE Contact : Client Services

Aridress POBOX 6989 Aridross : 277-289 Woodpark Road Smithfield

> WETHERILL PARK NSW, AUSTRALIA NSW Australia 2164

2164

E-meil : dyonge@smectesting.com.au E-mail : sydney@alsglobal.com Telephone · +81 02 9758 2166 Telephone : +61-2-8784 8555

Facsimile Fansimile : +61 02 9756 1137 : +61-2-8784 8500

Project : 19305 3376C : 1 of 3

Order number : 10371 C-O-C number Quote number

: ES2013SMETES0267 (EN/025/13) P19305-COC1

QC Level Sampler : NEPM 2013 Schedule B(3) and ALS

QCS3 requirement

Dates

Date Samples Received : 03-SEP-2013 egue Date : 04-SEP-2013 14:39 Scheduled Reporting Date Client Requested Due Date : 10-SEP-2013 10-SEP-2013

Delivery Details

Mode of Delivery : Client Drop off Temperature : 19°C No. of samples received No. of coolers/boxes : 1 HARD : 10 Security Seel No, of samples analysed Intact. : 10

General Comments

- This report contains the following information:
 - Sample Container(s)/Preservation Non-Compliances
 - Summary of Sample(s) and Requested Analysis
 - Propotive Holding Time Report
 - Requested Deliverables
- Samples received in appropriately pretreated and preserved containers.
- Asbestos analysis will be subcontracted to ASET.
- Samples received in appropriately pretreated and preserved containers.
- Please refer to the Proactive Holding Time Report table below which summarises breaches of recommended holding times that have occurred prior to samples/instructions being received at the laboratory. The absence of this summary table indicates that all samples have been received within the recommended holding times for the analysis requested.
- Sample(s) requiring volatile organic compound analysis received in airtight containers (ZHE).
- Sample S8 will be forwarded to ALS Brisbane as per COC.
- Please direct any queries you have regarding this work order to the above ALS laboratory contact.
- Analytical work for this work order will be conducted at ALS Sydney.
- Sample Disposal Aqueous (14 days), Solid (60 days) from date of completion of work order.

Issue Date : 04-SEP-2013 14:39

Page : 2 of 3 Work Order : ES1319417





Sample Container(s)/Preservation Non-Compilances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

No sample container / preservation non-compliance exist.

Summary of Sample(s) and Requested Analysis

process neccess- tasks. Packages the determination tasks, that are inclu- ted in sampling default to 15:00 of date is provided, laboratory for p	any for the execu- may contain addit n of moisture of uded in the package, time is provided, on the date of sa the sampling date	the sampling time will		SOIL - LACCE pH (15)	BOLL - ENOTO (solids): Electrical Combuctivity (1.5). Electrical Conductivity (1.5).	SOL - EVG65-103 Mostus Cortest	SOL - EDODS Baubie Major Arions	SOL - EDORGG (sarids) Chorde Salubie by Discrete Analyser	SOIL - EVIDORSF (Solen) Total Cyando By Segmented Row Assiyaer	SOL - EPONDEFS (salkt) VOC - Fungant, His Alphatos, His Aronatos,
ES1319417-001	26-AUG-2013 15:00	123	1	1	1	1	1	1	1	1
ES1319417-002		52		1	1	1	1	1		
EB1319417-003	28-AUG-2013 15:00	83	1							
ES1319417-005	28-AUG-2013 15:00	127		1	1	1	1	1		
ES1319417-006	28-AUG-2013 15:00	Tailore .	1						1	
ES1319417-009 ES1319417-010	28-AUG-2013 15:00 28-AUG-2013 15:00	87000	1	1				1		1
				(See)						
Matric: SOIL Leboratory sample ID	Client sampling date / time	Client sample ID	SOIL - S-02 8 Metals (incl. Digestion)	SOL - S-US 13 Melais (NEPM 2013 Sulte - Ind. Digeston)	SOL - S-07 TRHBTEXVPAH (SIM)	SOL - S-12 OCOP Postolos	SOL - 5-19 TRHSTENNPH/OCOGROSS multin			
ES1319417-001	28-AUG-2013 15:00	81		1	1					
ES1319417-002	28-AUG-2013 15:00	82		1		1				
ES1319417-003	28-AUG-2013 15:00	83				-	1			
Enterett con		9223		1.0	100					
ES1319417-004	28-AUG-2013 15:00	84	_	1	1					
	28-AUG-2013 15:00 28-AUG-2013 15:00	84 86	1	-	1					
ES1319417-004			1	-						

1

Proactive Holding Time Report

ES1319417-009

Sample(s) have been received within the recommended holding times for the requested analysis.

28-AUG-2013 15:00 S10

Issue Date : 04-SEP-2013 14:39

Pege : 3 of 3 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Requested Deliverables

riodacotos postorenses		
ALL INVOICES		
- A4 - AU Tax Invoice (INV)	Email	accounts@smectesting.com.au
ALL REPORTS		
- *AU Certificate of Analysis - NATA (COA)	Email	enquiries@smectesting.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	enquiries@smectesting.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	enquiries@smectesting.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	enquiries@smectesting.com.au
- Chain of Custody (CoC) (COC)	Email	enquiries@smectesting.com.au
- EDI Format - ENMRG (ENMRG)	Email	enquiries@smectesting.com.au
DAVID YONGE		
- *AU Certificate of Analysis - NATA (COA)	Email	dyonge@smectesting.com.au
- *AU Interpretive QC Report - DEFAULT (Arron QCI Rep) (QCI)	Email	dyongo@smectesting.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	dyonge@smectesting.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN	Email	dyonge@smectesting.com.au
- A4 - AU Tax Invoice (INV)	Email	dyonge@smeclesting.com.au
- Attachment - Report (SUBCO)	Email	dyonge@smectesting.com.au
- Chain of Custody (CoC) (COC)	Email	dyonge@smectesting.com.au
- EDI Format - ENMRG (ENMRG)	Email	dyonge@smectesting.com.au
- EDI Format - ESDAT (ESDAT)	Email	dyonge@smectesting.com.au
4 (C. 1) 14 (C. 1) 15 (C.		그리트 전에 가지 하는 사람들은 사람들이 되었다.

Environmental Division Sydney

Work Order

CHAIN OF	CUSTODY	RECORD
----------	---------	--------

ES1319417 ANALYSIS SMEC Testing Services Pty Ltd Job No: 19305/3376C Order No: 10371 PO Box 6989 (postal) 14/1 Cowpasture Place (office), Wetherit Park NSW 2164 Telephone: (02) 9756 2168 Fax: (02) 9756 1137 E-Mail: dyonge@smeclesting.com.au Contact: David Yonge Laboratory: ALS Laboratory Group - Sydney Environmental Division 277-289 Woodpark Road, SMITHFIELD NSW 2164 VHC Scan S3 Metals Telaphone: (02) 8784 8555 Contact: Jacob Waugh Asbestos Fax: (02) 8784 8500 jar/ Laboratory Date Composite Sample \$7 20 bottle bag number Sample number sampled number Comments type 81 1 28/08/2013 X soil 82 1 28/08/2013 X 2 soil 3 83 1 28/08/2013 soil 84 XX 4 1 28/08/2013 soil 28/08/2013 5 \$5 1 soil XX 6 58 1 28/08/2013 X 800 7 87 1 28/08/2013 X X soil 88 X 1 28/08/2013 X soil Please forward to ALS Brisbane 8 39 1 28/08/2013 soil 9 \$10 28/08/2013 1 XX soil X 10 S11 1 28/08/2013 soil X TOTAL 3 4 5 2 2 2 2 4 4 Released by SMEC Testing Services Date: CoC Number: P19305 - COC1 11:30 AM David Yonge 3/09/2013 Signed: SMEC 2012 (EN/025/12) Your quotation: Received by: Steven Preliminary results by: Time: Final results by: 3/9/13 11:40 Tues 10 Sept 2013 Tues 10 Sept 2013 Comments: Standard Detection Limits Apply, Standard Turnaround Required on Results Please forward Sample S8 to ALS Brisbane for Analysis





Environmental Division

SAMPLE RECEIPT NOTIFICATION (SRN)

Comprehensive Report

Work Order : EB1321498

Client SNEC TESTING SERVICES PTY LTD Laboratory Environmental Division Brisbane

Contact DAVID YONGE Contact Customer Services

Address : P O BOX 6989 Address : 2 Byth Street Stafford QLD Australia

WETHERILL PARK NSW, AUSTRALIA 4053

2164

E-mail : dyonge@smectesting.com.au E-mail : Brisbane.Enviro.Services@alsglobal.com

Telephone : +61 02 9758 2166 Telephone : +61 7 3243 7222
Facsimile : +61 02 9756 1137 Facsimile : +61 7 3243 7218

Project : 19305-3376C Page : 1 of 2 Order number : 10371

C-O-C number : P19305 - COC1 Quote number : ES2013SMETES0267 (EN/025/13)

Site :--Sampler :--- OC Level : NEPM 2013 Schedule B(3) and ALS

QCS3 requirement

Dates

Date Samples Received : 04-SEP-2013 Issue Date : 04-SEP-2013 18:01
Client Requested Due Date : 10-SEP-2013 Scheduled Reporting Date : 10-SEP-2013

Delivery Details

Mode of Delivery : Carrier Temperature : 1.2°C - loe present

No. of coolers/boxes : 1 MEDIUM No. of semples received : 1
Security Seel : Intact. No. of samples analysed : 1

General Comments

- This report contains the following information:
 - Sample Container(s)/Preservation Non-Compliances
 - Summary of Sample(s) and Requested Analysis
 - Proective Holding Time Report
 - Requested Deliverables
- Samples received in appropriately pretreated and preserved containers.
- Breaches in recommended extraction / analysis holding times (if any) are displayed overleaf in the Proactive Holding Time Report table.
- Discounted Package Prices apply only when specific ALS Group Codes ("W", "S", "NT" etc. suites) are referenced on COCs.
- Please direct any turn around / technical queries to the laboratory contact designated above.
- Please direct any queries related to sample condition / numbering / breakages to Matt Goodwin.
- Analysis will be conducted by ALS Environmental, Brisbane, NATA accreditation no. 825, Site No. 815 (Micro site no. 18958).
- Sample Disposal Aqueous (14 days), Solid (60 days) from date of completion of work order.

Issuo Dato : 04-SEP-2013 18:01

Page : 2 of 2 Work Order : EB1321498

Cliant SMEC TESTING SERVICES PTY LTD



Sample Container(s)/Preservation Non-Compilances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

No sample container / preservation non-compliance exist.

Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process neccessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package. If no sampling time is provided, the sampling time will default to 15:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory for processing purposes and will be shown bracketed without a time component. Oil. - S-02 Wetsh (ind. Digestion) Matrix: SOIL Laboratory sample Client sampling Cōevit sample ID ID date / time EB1321498-001 28-AUG-2013 15:00 S8

Proactive Holding Time Report

Sample(s) have been received within the recommended holding times for the requested analysis.

Requested Deliverables

ALL INVOICES		
- A4 - AU Tax Invoice (INV)	Email	accounts@smectesting.com.au
ALL REPORTS		
 *AU Certificate of Analysis - NATA (COA) 	Email	enquiries@smectesting.com.au
 *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI) 	Email	enquiries@smectesting.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	enquiries@smectesting.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	enquiries@smectesting.com.au
- Chain of Custody (CoC) (COC)	Email	enquiries@smectesting.com.au
- EDI Format - ENMRG (ENMRG)	Email	enquiries@smectesting.com.au
DAVID YONGE		
- *AU Certificate of Analysis - NATA (COA)	Email	dyonge@smectesting.com.au
 *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI) 	Email	dyonge@smectesting.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	dyonge@smectesting.com.au
 A4 - AU Sample Receipt Notification - Environmental HT (SRN 	Email	dyonge@smectesting.com.au
- Chain of Custody (CoC) (COC)	Email	dyonge@smectesting.com.au
- EDI Format - ENMRG (ENMRG)	Email	dyonge@smectesting.com.au

	-	
-	-	
	1	

Work Order CHAIN OF CUSTODY RECORD EB1321498 ANALYSIS Order No: 10371 SMEC Testing Services Ptv Ltd Job No: 19305/3376C PO Box 6989 (postal) 14/1 Cowpasture Place (office), Wetherili Park NSW 2164 Telephone: (02) 9756 2166 Fax (02) 9756 1137 Contact: David Yonge E-Mail: dvonge@smectesting.com.au ALS Laboratory Group - Sydney Environmental Division Laboratory: 277-289 Woodpark Road, SMITHFIELD NSW 2164 Brisbane 82 Contact: Jacob Waugh Telephone: (02) 8784 8555 (02) 8784 8500 S7 Metals Date Composite Laboratory iar/ S12 (Forwagements/ Split WO sampled number number Sample number bottle bag soil Lab / Analysis: XX XXX 51 28/08/2013 1 soil Organised By / Date: X X XX 52 1 28/08/2013 2 soil Relinquished By / Date: X 83 1 28/08/2013 soil Connote / Courier: XX 84 1 4 28/08/2013 soil WO No: 1 28/08/2013 5 85 soil Attach By PO / Internal Sheet: X X 6 X 28/08/2013 88 1 X X 7 28/08/2013 87 1 soil X X \$8 1 28/08/2013 soil Please forward to ALS Brisbane 8 39 1 28/08/2013 soil 9 XX 28/08/2013 \$10 1 soil XX to S11 28/08/2013 soil 11 2 4 4 TOTAL CoC Number: P19305 - COC1 Released by SMEC Testing Services Date: Time: 11:30 AM David Yonge 3/09/2013 SMEC 2012 (EN/025/12) Signed: Your quotation: Received by: Steven Preliminary results by: Final results by: Time: Date:, 3/9/13 11:40 Tues 10 Sept 2013 Tues 10 Sept 2013 Comments: Standard Detection Limits Apply, Standard Turnaround Required on Results Please forward Sample S8 to ALS Brisbane for Analysis

Environmental Division Brisbane

REC: 000 04/09/13 08:55



APPENDIX G ANALYTICAL LABORATORY REPORTS





Environmental Division

CERTIFICATE OF ANALYSIS

Work Order : ES1319417 Page : 1 of 17

Client : SMEC TESTING SERVICES PTY LTD Laboratory : Environmental Division Sydney

Contact : DAVID YONGE Contact : Client Services

Address : P O BOX 6989 Address : 277-289 Woodpark Road Smithfield NSW Australia 2164

WETHERILL PARK NSW, AUSTRALIA 2164

E-mail: dyonge@smectesting.com.au E-mail: sydney@alsglobal.com

Telephone : +61 02 9756 2166 Telephone : +61-2-8784 8555
Facsimile : +61 02 9756 1137 Facsimile : +61-2-8784 8500

Project : 19305-3376C QC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement Order number : 10371

C-O-C number : P19305-COC1 Date Samples Received : 03-SEP-2013

Sampler :-- lesue Date : 10-SEP-2013

Quote number : EN/025/13 No. of samples received : 10

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Environmental 🛴

Surrogate Control Limits

Page : 2 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Key: CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

* = This result is computed from individual analyte detections at or above the level of reporting

- EK026SF; Spike failed for Total Cyanide due to matrix interferences (confirmed by re-analysis).
- EP068: Pozitive results on sample S3 confirmed by re-extracrion and re-analysis.



NATA Accredited Laboratory 825

Accredited for compliance with ISO/IEC 17025. Signatories

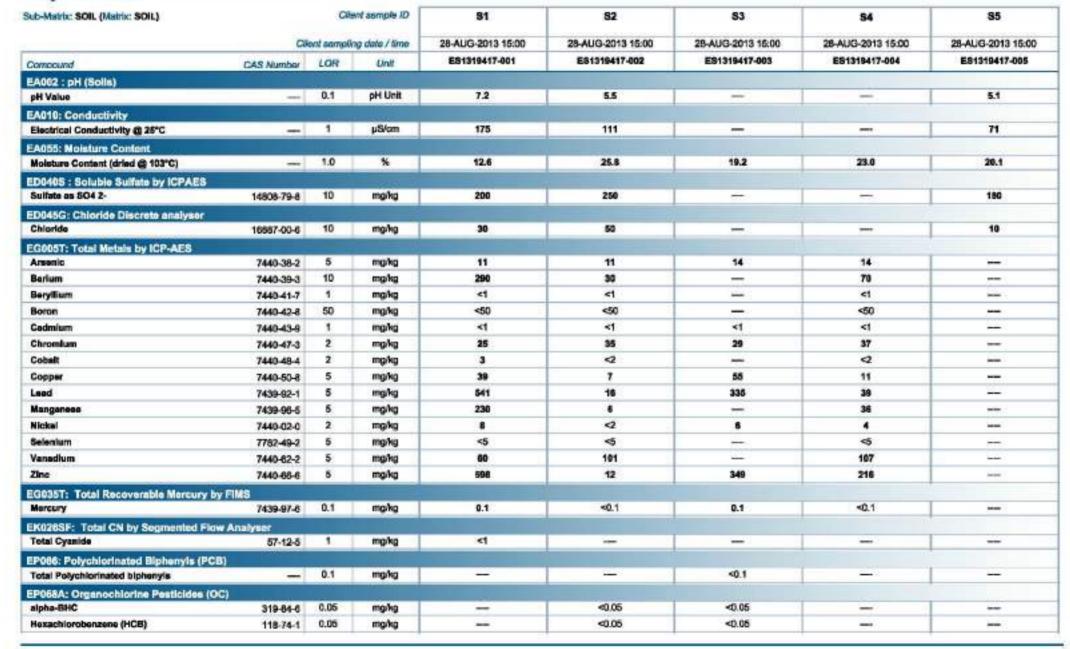
This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category	
Alex Rossi	Organic Chemist	Sydney Organics	
		Sydney Organics	
Ankit Joshi	Inorganic Chemist	Sydney Inorganics	
Celine Conceicap	Senior Spectroscopist	Sydney Inorganics	
		Sydney Inorganics	
Hoa Nguyan	Senior Inorganic Chemist	Sydney Inorganics	
Pabi Subba	Senior Organic Chemist	Sydney Inorganics	

Page : 3 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page 2 4 of 17 Work Order ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page : 5 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page : 6 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page : 7 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

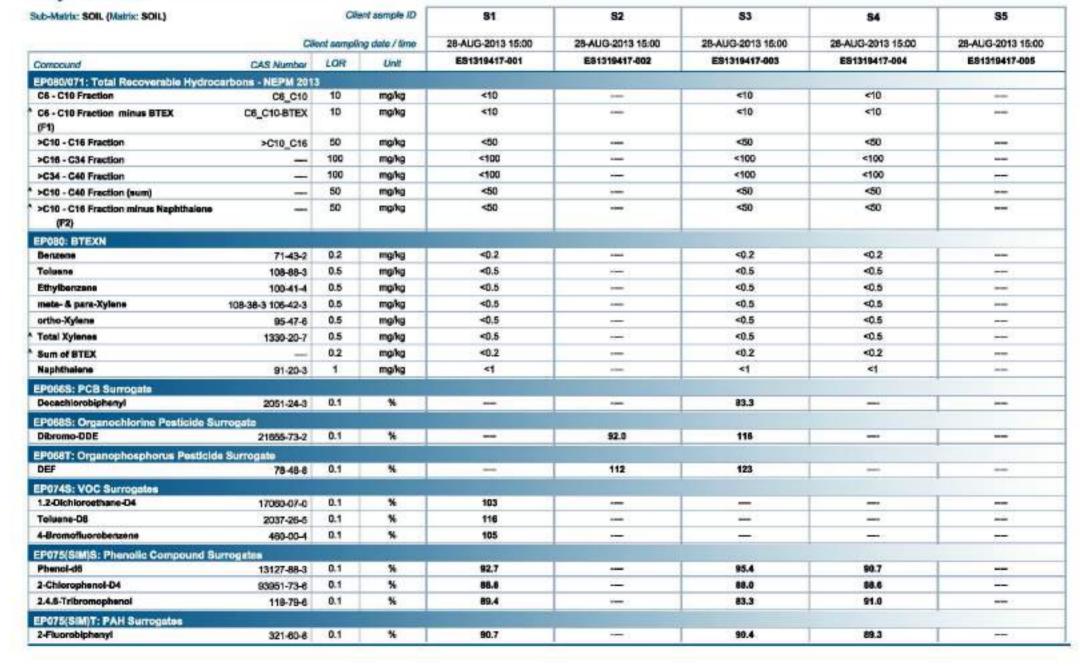




Page : 8 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page 2 9 of 17 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

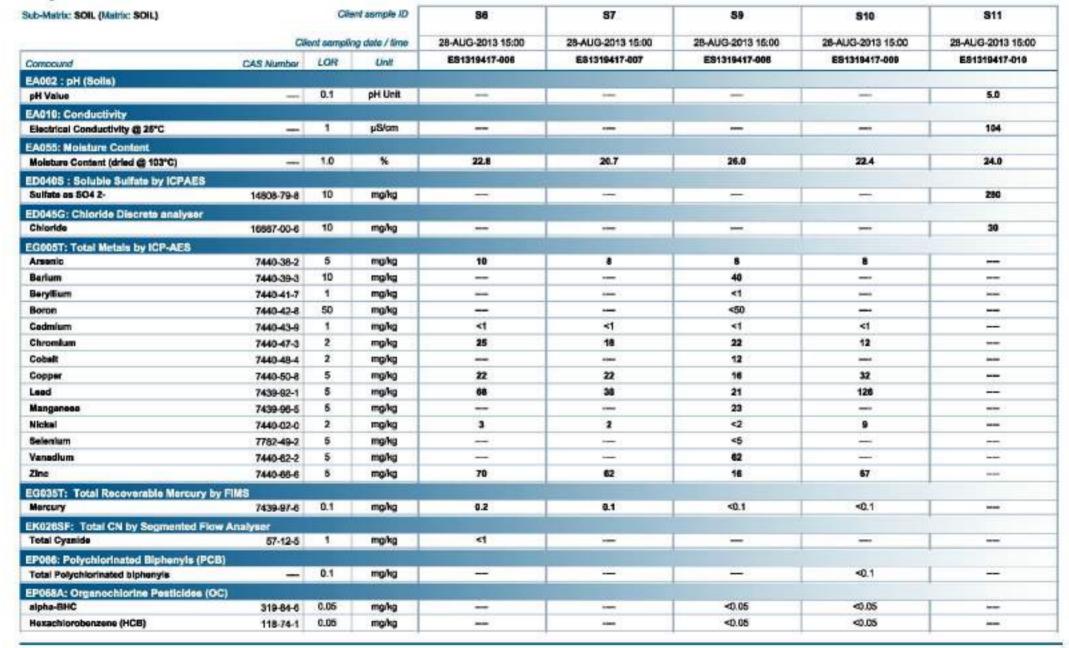




Page : 10 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

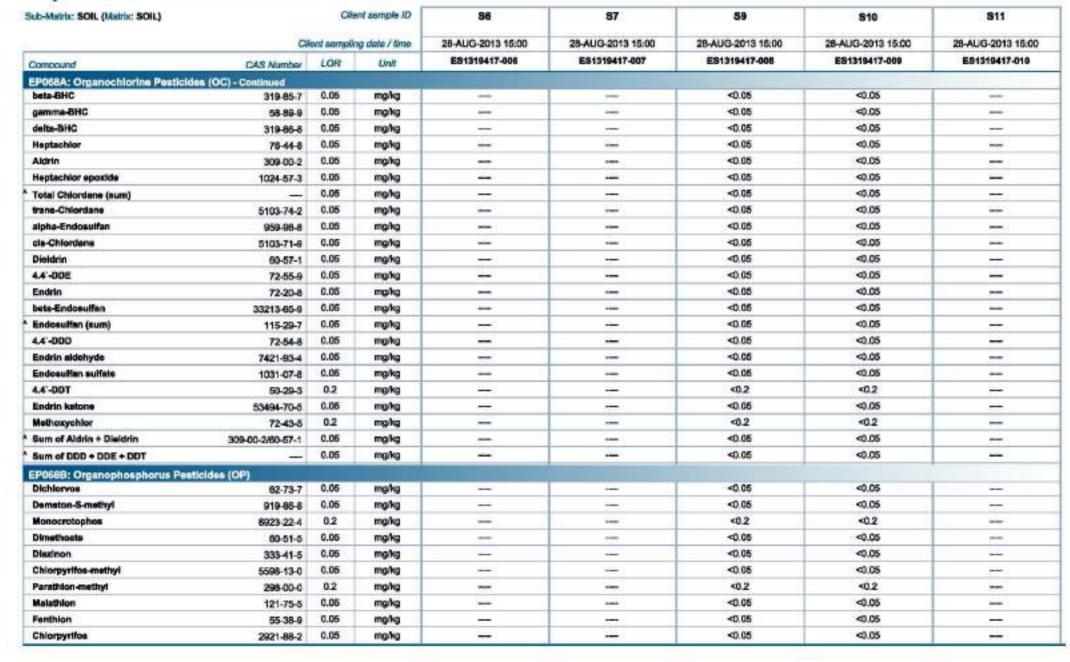




Page : 11 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project 19305 3376C





Page : 12 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

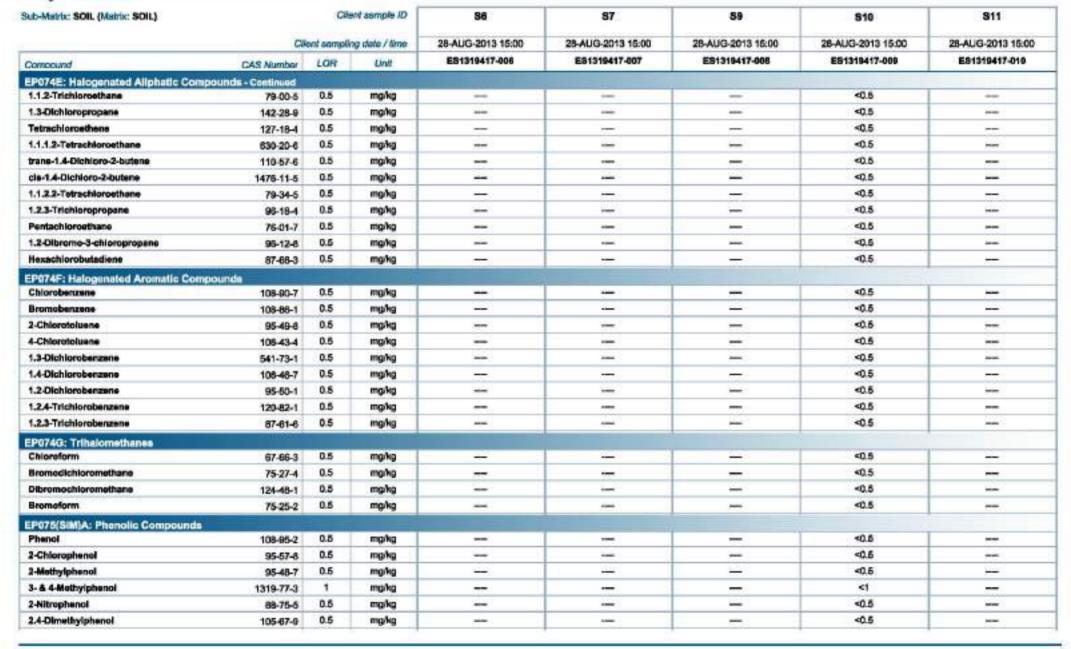




Page : 13 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

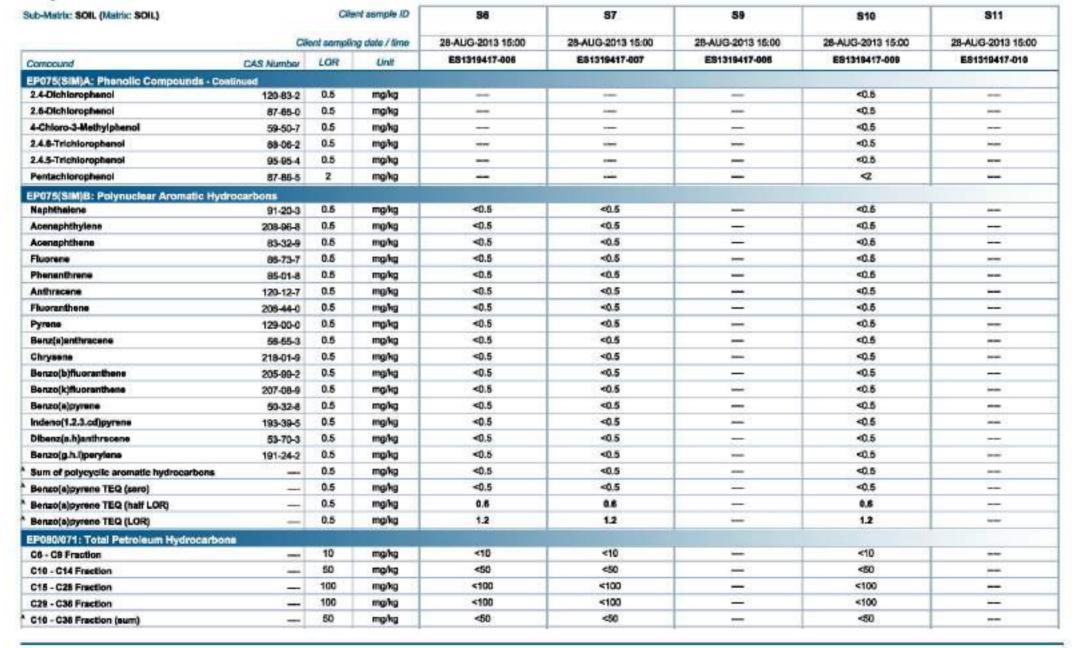




Page : 14 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

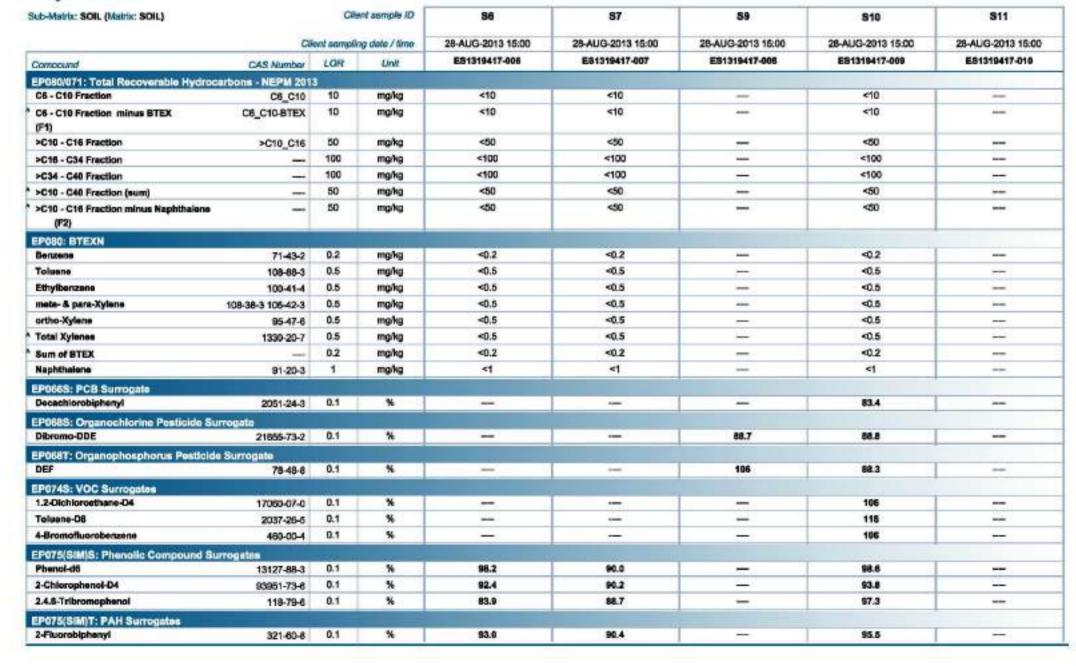




Page : 15 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page : 16 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C





Page : 17 of 17 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
PARTICIPATE TO THE PARTICIPATE T	CAS NUMBER		71000
EP066S: PCB Surrogate	2227272		1722
Decachiorobiphenyl	2051-24-3	39	149
EP068S: Organochlorine Pesticide:	Surrogate	1700	
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pestic	ide Surrogate		
DEF	78-48-6	35	143
EP0748: VOC Surrogates			5000
1.2-Dichioroethane-D4	17060-07-0	84	130
Toluene-D8	2037-26-5	66	136
4-Bromofluorobenzene	460-00-4	80	122
EP075(SIM)8: Phenolic Compound	Surrogatas		
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP080S: TPH(V)/BTEX Surrogates			10000
1.2-Dichloroethane-D4	17060-07-0	72.8	133.2
Toluene-D8	2037-26-5	73.9	132.1
4-Bromofluorobenzene	460-00-4	71.6	130.0



ASET

AUSTRALIAN SAFER ENVIRONMENT & TECHNOLOGY PTY LTD

ABN 36 088 095 112

Our ref: ASET34982/38162 / 1 - 4 Your ref: ES1319417

NATA Accreditation No: 14484

9 September 2013

Australian Laboratory Services Pty Ltd 277 – 284 Woodpark Road Smithfield NSW 2164

Attn: Ms Nanthini Coilparampil

Dear Nanthini

Asbestos Identification

This report presents the results of four samples, forwarded by Australian Laboratory Services Pty Ltd on 5 September 2013, for analysis for asbestos.

1.Introduction:Four samples forwarded were examined and analysed for the presence of asbestos.

2. Methods: The samples were examined under a Stereo Microscope and selected fibres were analysed

by Polarized Light Microscopy in conjunction with Dispersion Staining method (Safer

Environment Method 1.)

3. Results: Sample No. 1. ASET34982 / 38162 / 1. ES1319417 - 001 - S1.

Approx dimensions 2.5 cm x 2.5 cm x 1,2 cm

The sample consisted of a mixture of soil, stones and plant matter.

No asbestos detected.

Sample No. 2. ASET34982 / 38162 / 2. ES1319417 - 003 - S3.

Approx dimensions 2.0 cm x 2.0 cm x 1.3 cm

The sample consisted of a mixture of soil, stones, plant matter and fragments of plaster.

No asbestos detected.

Sample No. 3. ASET34982 / 38162 / 3. ES1319417 - 006 - S6.

Approx dimensions 2.5 cm x 2.5 cm x 2.0 cm

The sample consisted of a mixture of clayish soil, stones, plant matter and fragments of plaster.

No asbestos detected.

Sample No. 4. ASET34982 / 38162 / 4. ES1319417 - 009 - S9.

Approx dimensions 3.5 cm x 3.5 cm x 2.0 cm

The sample consisted of a mixture of clayish soil, stones, plant matter, fragments of plaster and bitumen.

No asbestos detected.

Analysed and reported by,

Nisansala Maddage. BSc(Hons)

Ja-11

Environmental Scientist/Approved Identifier

Approved Signatory

NATA
WORLD RECOGNISED ACCREDITATION

This document is issued in accordance with NATA's Accreditation requirements. Accredited for compliance with ISO/IEC 17025.

SUITE 710 / 90 GEORGE STREET, HORNSBY NSW 2077 - P.O. BOX 1644 HORNSBY WESTFIELD NSW 1635 PHONE: (02) 99872183 FAX: (02)99872151 EMAIL: sset@bigpond.net.su WEBSITE: www.Ausset.com.su





Environmental Division

QUALITY CONTROL REPORT

ES1319417 Work Order Page : 1 of 18

Client Laboratory : Environmental Division Sydney SMEC TESTING SERVICES PTY LTD

Contact : DAVID YONGE Contact : Client Services

Address Address : P O BOX 6989 : 277-289 Woodpark Road Smithfield NSW Australia 2164

WETHERILL PARK NSW, AUSTRALIA 2164

E-mail E-mail : dyonge@smectesting.com.au sydney@alsglobal.com

: +61-2-8784 8555 Telephone : +61 02 9756 2166 Telephone Facsimile : +61 02 9756 1137 Facsimile +61-2-8784 8500

Project : 19305 3376C QC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement

Sito .

Order number

C-O-C number : P19305-COC1 Date Samples Received 03-SEP-2013

Sampler Issue Date : 10-SEP-2013

: 10371 No. of samples received : 10

Quote number : EN/025/13 No. of samples analysed : 10

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Slank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Page

2 2 of 18

Work Order

ES1319417 - SMEC TESTING SERVICES PTY LTD

Client Project

19305 3376C



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key:

Ananymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot

CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

RPD = Relative Percentage Difference

= indicates falled QC



NATA Accredited Laboratory 825

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with

Signatories	Position	Accreditation Category	
Alex Rossi	Organic Chemist	Sydney Organics	
		Sydney Organics	
Ankit Joshi	Inorganic Chemist	Sydney Inorganics	
Celine Conceicao	Senior Spectroscopist	Sydney Inorganics	
		Sydney Inorganics	
Hoa Nguyen	Senior Inorganic Chemist	Sydney Inorganics	
Pabi Subba	Senior Organic Chemist	Sydney Inorganics	

Page 2 3 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C

ALS

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR:-No Limit; Result between 10 and 20 times LOR:-0% - 50%; Result > 20 times LOR:-0% - 20%.

Sub-Matrix: SOIL						Laboratory	Cuplicate (DUP) Report		
Laboratory sample ID	Cilent sample ID	Method: Compound	CAS Humber	LOR	Linit	Original Result	Duplicate Result	RPO (N)	Recovery Limits (*)
EA002 : pH (Soils)	(QC Lot: 3046088)							- 1000	
ES1319417-002	S2	EA002: pH Value	-	0.1	pH Unit	5.5	5.8	0.0	0% - 20%
ES1319677-003	Anonymous	EA002: pH Value	_	0.1	pH Unit	6.4	6.4	0.0	0% - 20%
EAD10: Conductivit	ty (QC Lot: 3046089)								
ES1319417-002	S2	EA010: Electrical Conductivity @ 25°C	-	1	µS/cm	111	115	3.4	0% - 20%
ES1319577-003	Anonymous	EA010: Electrical Conductivity @ 25°C	-	1	µS/cm	101	97	3.9	0% - 20%
EA055: Moisture C	ontunt (QC Lot: 304568	5	-		Water Comments		177		11
ES1319368-001	Anonymous	EA055-103: Moisture Content (dried @ 103°C)		1.0	%	37.8	38.9	3.4	0% - 20%
ES1319417-010	S11	EA055-103: Moisture Content (dried @ 103°C)	-	1.0	%	24.0	24.8	3.0	0% - 20%
ID0495: Soluble M	lajor Anions (QC Lot: 3								
ES1319417-002	82	ED040S: Sulfete as SO4 2-	14808-79-8	10	mg/kg	250	250	0.0	0% - 20%
DMSG: Chloride I	by Discrete Analyser (C					Annual Charles			
E81319417-002	82	ED045Q: Chloride	16887-00-6	10	mg/kg	50	50	0.0	No Limit
G005T: Total Met	als by ICP-AES (QC Lo	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW							1 225.5505
S1319361-001	Anonymous	EG005T: Boryllium	7440-41-7	1	mg/kg	<1	<1	0.0	No Limit
rating inco	EG005T: Cadmium	7440-43-8	•	mg/kg	<1	<1	0.0	No Limit	
		EG005T: Barium	7440-39-3	10	mg/kg	60	90	31.7	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	8	8	0,0	No Limit
		EG005T: Cobalt	7440-48-4	2	mg/kg	3	3	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	6	- 5	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	8	7	21.7	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	13	14	0,0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	34	25	30.6	No Limit
		EG005T: Manganose	7439-96-5	5	mg/kg	144	134	6.8	0% - 20%
		EG005T: Solonium	7782-49-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T; Vanadium	7440-62-2	5	mg/kg	18	18	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	81	54	39.6	0% - 50%
		EG005T: Boron	7440-42-8	50	mg/kg	<60	<50	0.0	No Limit
ES1319467-013	Ananymous	EG005T: Beryllium	7440-41-7	1	mg/kg	<1	<1	0.0	No Limit
	- Prove St. Minor	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Barium	7440-39-3	10	mg/kg	40	20	57.6	No Limit
		EG005T; Chromium	7440-47-3	2	mg/kg	3	3	0.0	No Limit
		EG005T: Cobelt	7440-48-4	2	mg/kg	4	-2	85.1	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	3	<2	0.0	No Limit
		EG005T: Arsenio	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	<6	<5	0.0	No Limit

Page 2 4 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD



ub-Matrix: SOIL				17.5		The second secon	Duplicate (DUP) Report	Marie Commence of the Commence	
aboratory sample ID	Client sample ID	Method: Consound	GAS Mumber	LOR	Unit	Original Result	Dupficate Fluxuit	ואין מיפא	Recovery Limits (5
A DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	ils by ICP-AES (QC Lot	: 3050920) - continued							
\$1319467-013	Anonymous	EG005T: Lead	7439-92-1	5	mg/kg	6	<5	0.0	No Limit
	1.00	EG005T: Manganese	7439-95-5	5	mg/kg	15	5	W KNO (N)	No Limit
		EG005T: Selenium	7782-49-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Vanadium	7440-82-2	5	mg/kg	6	6	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	39	20		No Limit
		EG005T: Boron	7440-42-8	50	mg/kg	<50	<50	0.0	No Limit
G035T: Total Rec	overable Mercury by FI	MS (QC Lot: 3050921)							
31319361-001	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	⊲0.1	<0.1	0.0	No Limit
W1302512-006	Anonymous	EG035T: Maroury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
K026SF: Total CI	by Segmented Flow A	nalyser (QC Lot: 3644574)							
ES1319366-001	Anonymous	EK026SF: Total Cyenide	57-12-5	1	mg/kg	<1	<1	0.0	No Limit
PARS: Polychlade	sted Biphenyls (PCB)					1	11174		100,000
S1319417-003	53	SHANDARANDA WAS AND		0.1	mg/kg	<0.1	<0.1	0.0	No Limit
		EP088: Total Polychiorinaled biphenyls	-	U. I	ingrag	790.1	796.5	0.0	NO CHIEF
THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	iorine Pesticides (OC)	AND THE PROPERTY AND TH	2000	1000		1			
81319417-003	83	EP068: alphe-BHC	319-84-6	0.05	mg/kg	<0.06	<0.05		No Limit
		EP068: Hexachlorobarzsne (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05		No Limit
		The state of the s	319-85-7	0.05	mg/kg	<0.06	<0.05		No Limit
	EP068: pera-BHC EP068: garrina-BHC	NATIONAL CONTRACTOR CONTRACTOR	58-89-9	0.05	mg/kg	<0.06	<0.05	and the second second	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.06	<0.05	0.0 0.0 0.0 0.0 0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05		No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05		No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05		No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosufan	959-98-8	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordene	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	0.14	0.13	0.0	No Limit
		EP088: 4.4"-DDE	72-55-9	0.05	mg/kg	0.25	0.23	8.3	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068; beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4"-DDD	72-54-8	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	< 0.06	<0.05	0.0	No Limit
		EP068: Endoeulfan sulfate	1031-07-8	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4°-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP088: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
P968B: Organoph	osphorus Pesticides (C	P) (QC Lat: 3044394)							11
\$1319417-003	\$3	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
- ADAM TERM		EP068: Demeton-8-methyl	919-85-8	0.05	mg/kg	< 0.05	<0.05		No Limit
		EP068: Dimethoste	60-51-5	0.06	mg/kg	< 0.05	<0.05		No Limit

Page 2 5 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD



Lib-Matrix: SOIL						Laboratory	Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	Mathed: Compound	CAS Number	LOR	Unit	Original Result	Dopficety Frankl	RPD (NE)	Recovery Limits (%
P068B: Organophi	osphorus Pesticides (O	P) (QC Lot: 3044394) - continued							
ES1319417-003	83	EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
	74D: Furnigents (QC Lot: 3044582) 319417-001 S1 74E: Halogenated Allphatic Compounds	EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP066: Chlorfervinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-athyl	4824-78-6	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Fenemiphos	22224-92-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP088: Prothiofos	34643-46-4	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP058: Carbophenothion	786-19-6	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Azinghos Methyl	86-50-0	0.05	mg/kg	< 0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
P074D: Fumigents	(QC Lot: 3044582)						177		11
ES1319417-001	S1	EP074: 2.2-Dichloropropane	594-20-7	0.6	mg/kg	<0.5	<0.5	0.0	No Limit
11319417-001 S1	EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	≺0.5	<0.5	0.0	No Limit	
	THE RESIDENCE OF THE PARTY OF T	EP074: cis-1.3-Dichloropropylene	10061-01-5	0.6	mg/kg	<0.6	<0.6	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074; 1.2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0,5	0.0	No Limit
P974E: Halogenati	ad Aliphatic Compound								
S1319417-001	AND DESCRIPTION OF THE OWNER, THE PARTY NAMED IN COLUMN	EP074: 1.1-Dichlorgethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
	80.1	EP074: lodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074; trans-1,2-Dichloroethene	156-80-5	0,5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074; cis-1.2-Dighigroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.6	<0.5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.6	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-6	0.5	mg/kg	<0.6	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-08-2	0.5	mg/kg	≺0.5	<0.5	0.0	No Limit
		EP074; Trichlorgethene	79-01-6	0.6	mg/kg	<0.6	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074; 1.3-Dichloropropane	142-28-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0,0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1.4-Dighloro-2-bulene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

Page 2 6 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD



ub-Matrix: SOIL		F-2-3-10-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-				The second secon	Duplicate (DUP) Report	Marie Commence of the Commence	
laboratory sample ID	Cilent sample ID	Mathod: Compound	CAS Number	LOR	Unit	Original Result	Dupficate Heast!	RPD (NO	Recovery Limits (
THE RESIDENCE OF THE PARTY OF T	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	e (QC Lot: 3044582) - continued							
\$1319417-001	\$1	EP074: 1.1.2.2-Tetrachioroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	95-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	78-01-7	0,5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074; 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Hexachiorobutadiene	87-68-3	0.5	mg/kg	⊲0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethene	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit
P074F: Halogenati	ed Aromatic Compound	s (QC Lot: 3044582)							N.
S1319417-001	\$1	EP074: Chiorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoberzene	108-86-1	0.5	mg/kg	<0.5	<0.6	0.0	No Limit
		EP074: 2-Chiorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0,0	No Limit
		EP074: 1.2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
P074G: Tribalome	thanes (QC Lot: 304458	A CONTRACTOR OF THE PROPERTY O	Name of		000000				
81319417-001	81	EP074: Chloroform	67-66-3	0.6	mg/kg	<0.5	<0.5	0.0	No Limit
	13/1	EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochioromethana	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromglorm	75-25-2	0.5	mg/kg	<0.6	<0.5	0.0	No Limit
DATS/SEMIA- Dhom	olic Compounds (QC L			410		1,000			710 2000
81319417-001	SH SH	AND DESCRIPTION OF THE PARTY OF	108-95-2	0.5	maßen	<0.5	<0.5	0.0	No Limit
31318417-001	91	EP075(SIM): Phenol	95-57-8	0.5	mg/kg mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Chlorophenol	95-48-7	0.5	And the Art Area	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Methylphenol	88-75-6	0.5	mg/kg	<0.6	<0.6	0.0	No Limit
		EP076(SIM): 2-Nitrophenol	105-67-9	0.5	mg/kg mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dimethylphenol	120-83-2	0.5		<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dichlorophenol	0.00,000,000,000	1200000	mg/kg	11,100,00	35.815	110000	
		EP075(SIM): 2.6-Dichlorophenol	87-85-0	0.5	mg/kg	<0.5	<0.5 <0.5	0.0	No Limit
		EP075(SIM): 4-Chloro-3-Methylphenol	59-50-7	0.5	mg/kg	<0.5	The second secon		No Limit
		EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.6	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	ব	ব	0.0	No Limit
	1	EP075(SIM): Pentachlorophenol	87-86-6	2	mg/kg	-2	-2	0.0	No Limit

Page 2 7 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: SOIL						The second secon	and the best of the second second	Marie Commence of the Commence	
Laboratory sample ID	Cifent sample ID	Mathed: Consecuted	CAS Number	LOR	Unit	Original Result	Duplicate Result	IRPO (NI)	Recovery Limits (5
MARCHINE, NAME AND ADDRESS OF THE	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, AS	ocarbons (QC Lot: 3044398) - continued							
ES1319417-001	\$1	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	No Limit	
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	Criginal Result Deplicate Flexible RPD (No)	No Limit		
		EP075(SIM): Acenaphthene	83-32-0	0,5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	⊲0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthone	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(e)anthracene	58-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP076(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.6	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b)fluoranthene	205-99-2	0.6	mg/kg	<0.6	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fuoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0,0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)enthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.l)perylene	191-24-2	0.5	mg/kg	<0.6	<0.5	0.0	No Limit
		EP075(SIM): Sum of polyoyotic aromatic hydrocarbons	-	0.6	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	_	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
P080/071: Total P	etroleum Hydrocarbons	(QC Lot: 3844397)			100		100		No.
ES1319417-001	81	EP071; C15 - C28 Fraction		100	mgAcg	<100	<100	0,0	No Limit
	(8:5)	EP071; C29 - C36 Fraction	-	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction		50	mg/kg	<50	<60	0.0	No Limit
PRRMITT: Total P	etroleum Hydrocarbons	The state of the s	-		2000	A	11.	17	
ES1319417-001	S1	EP080: O6 - C9 Fraction	-	10	mg/kg	e40	×10	0.0	No Limit
		The state of the s		.0	myreg	-10	- 10	0.0	140 Dillin
AND DESCRIPTION OF THE PARTY OF	etroleum Hydrocarbons	The state of the s					108		W-15-9
E81319398-001	Anonymous	EP080: C6 - C9 Fraction	_	10	mg/kg			10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No Limit
ES1319467-006	Anonymous	EP080: O8 - C9 Fraction	-	10	mg/kg	<10	<10	0.0	No Limit
THE RESERVE AND PERSONS ASSESSED.	DESCRIPTION OF THE PROPERTY OF	ins - NEPM 2013 (QC Lot: 3044397)		5576.5	550	V 00000	200000	100	The same
E81319417-001	81	EP071: >C16 - C34 Fraction	-	100	mg/kg	<100	<100	10000	No Limit
		EP071: >C34 - C40 Fraction	_	100	mg/kg	100000		0,0	No Limit
		EP071: >C10 - C16 Fraction	>C10_C16	50	mg/kg	<50	<50	0.0	No Limit
EP980/071: Total R	ecoverable Hydrocarbo	na - NEPM 2013 (QC Lot: 3044581)							
ES1319417-001	81	EP080; C8 - C10 Fraction	C8_C10	10	mg/kg	<10	<10	0,0	No Limit
P080/071: Total R	ecoverable Hydrocarbo	ins - NEPM 2013 (QC Lot: 3045681)							- LANGE COLOR
E81319398-001	Anonymous	EP080: C6 - C10 Fraction	C6 C10	10	mg/kg	<10	<10	0.0	No Limit
ES1319467-006	Anonymous	EP080: C8 - C10 Fraction	C8_C10	10	mg/kg	12122	10000		No Limit
EP080: BTEXN (Q		THE PROPERTY OF STATE	16 10		-	10	14		
	81	Park Park	71-43-2	0.2	marker.	-0.0	>0.0	0.0	Mart had
ES1319417-001	91	EP080: Benzana	71-43-2	0.2	mg/kg	<0.2	40.2	0.0	No Limit

Page 2 8 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: SOIL			11			Laboratory	Duplicate (DUP) Report		
Laboratory sample ID	Cilent semple ID	Mathod: Compound	CAS Mumber	LOR	Unit	Original Result	Dupficate Fluxuit	RPD (NO	Recovery Limits (%)
EP080: BTEXN (QC	Lot: 3044581) - contin	wed					The same of the sa	11-01/11/1	The state of the s
ES1319417-001	\$1	EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	106-38-3 106-42-3	0,5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0,0	No Limit
EP980: BTEXN (QC	Lot: 3045681)								
E31319398-001	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
	8	EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	106-36-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
	100	EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
ES1319467-006	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & pare-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
	EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit

Page : 9 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C



Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with larget analytics. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: SOIL				Method Blank (MB)		Laboratory Control Spike (LCS	() Report	
40 (C)				Raport	Spike	Spike Recovery (%)	Reservery	Limits (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EAD10: Conductivity (QCLot: 3046089)								
EA010: Electrical Conductivity @ 25°C		1	µS/cm	<1	1412 µS/cm	98.4	70	130
ED040S: Soluble Major Anions (QCLat: 3045090)								
ED040S: Suffate as SO4 2-	14808-79-8	10	mg/kg	<10	750 mg/kg	105	84	112
ED045G: Chloride by Discrete Analyser (QCLot: 30	M6091)							
ED045G; Chloride	16887-00-6	10	mg/kg	<10	5000 mg/kg	98.9	79	125
EG005T: Total Metals by ICP-AES (QCLot: 3050920	Vi.							14
G005T: Arsenic	7440-38-2	5	mg/kg	<5	21.7 mg/kg	112	87	129
G005T: Barium	7440-39-3	10	mg/kg	<10	143 mg/kg	106	83	129
G005T: Beryllum	7440-41-7	1	mg/kg	<1	5.63 mg/kg	108	88	130
G005T: Boron	7440-42-8	50	mg/kg	<60	-	-	_	-
G005T: Cadmium	7440-43-9	1	mg/kg	<1	4.64 mg/kg	99.0	-80	122
G005T: Chromium	7440-47-3	2	mg/kg	<2	43.9 mg/kg	107	71	133
G005T: Cobelt	7440-48-4	2	mg/kg	<2	16.0 mg/kg	103	84	128
G005T: Copper	7440-50-8	5	mg/kg	<5	32.0 mg/kg	102	86	126
G005T: Lead	7439-92-1	5	mg/kg	<5	40.0 mg/kg	99.9	81	123
G005T: Manganese	7439-98-5	5	mg/kg	<5	130 mg/kg	109	85	127
G005T: Nickel	7440-02-0	2	mg/kg	-2	55.0 mg/kg	109	84	130
EG005T: Selenium	7782-49-2	5	mg/kg	<5	5.37 mg/kg	101	75	131
G005T: Venedium	7440-82-2	5	mg/kg	<5	29.6 mg/kg	110	95	129
EG005T: Zinc	7440-68-6	5	mg/kg	<5	60.8 mg/kg	107	81	133
EG035T: Total Recoverable Mercury by FIMS (QCI	Lot: 3050921)							
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	2.57 mg/kg	85.7	66	112
EK026SF: Total CN by Segmented Flow Analyser	(QCLot: 3844574)							
EK026SF: Total Cyanide	57-12-5	- 1	mg/kg	<1	20 mg/kg	99.9	83	123
EP066: Polychierinated Biphonyls (PCB) (QCLot: 1	1044395)		A STATE OF THE STA		400000000000000000000000000000000000000	1		
EP088: Total Polychlorinated bipherryls	-	0.1	mg/kg	<0.1	1 mg/kg	85.6	57.4	117
EP668A: Organochiorine Pesticides (OC) (QCLot:	3044394)		1000000		IIII POPULIO	1 10000	44444	
P068: alpha-RHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	82.5	71	113
P068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	77.4	66	122
P068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	82.8	69	119
EP068: gamme-BHC	68-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	87.0	71	115
EP068: deta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	82.2	65	113
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	82.4	68	116
Posa: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	79.6	68	118

Page : 10 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: 80IL				Method Blank (MB)		Leboratory Control Spike (LC)	5) Report	
	20.237911 - [1	V-00-		Report	Spile	Spike Recovery (%)	Recovery	Literito (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EP068A: Organochiorine Pesticides (OC) (QCI	Lot: 3044394) - continued							
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	81.7	68	116
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	82.2	68	120
EP068: alpha-Endosulfen	959-96-8	0.05	mg/kg	<0.05	0.5 mg/kg	81.1	69	119
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	81.5	67	121
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	81.4	66	118
EP068: 4.4"-ODE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	81.7	69	117
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	88.3	67	123
EP068: beta-Endosuffan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	83.1	76	120
EP068: 4.4"-ODD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	80.5	76	120
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	89.0	57.3	118
EP088: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	86.7	60	124
EP068: 4.4"-COT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	94.4	67	127
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	88.4	65	123
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	95.0	65	129
EP068B: Organophosphorus Pesticides (OP) ((QCLet: 3044394)							
EP088: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	96.1	58	126
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	100	64	128
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.6 mg/kg	86.1	54	122
EP088: Dimethosie	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	91,4	64	124
EP088: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	84,3	73	117
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	84.2	55	115
EP053: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	82.8	69	123
EP068: Malethion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	87.3	70	120
EP088: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	85.1	71	116
EP068: Chlorpyrifos	2921-86-2	0.05	mg/kg	<0.05	0.5 mg/kg	83.7	68	114
EP068: Parethion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	84.0	68	123
EP088: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	84.5	69	115
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	87.4	70	116
EP088: Bromophos-ethyl	4824-76-6	0.05	mg/kg	<0.05	0.5 mg/kg	86.6	68	116
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.6 mg/kg	83.6	64	120
EP068: Prothicfos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	82.8	68	116
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	83.0	70	118
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.06	0.5 mg/kg	91.6	67	123
EP063: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	70.9	42	126
EP074D: Fumigants (QCLot: 3044582)	-100-000 Media		11 2/30/505	10.00000		1		-
EP074: 2.2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	1 mg/kg	83.4	55	133
EP074: 1.2-Dichloropropane	78-87-5	0.5	mg/kg	<0.6	1 mg/kg	98.6	69	127
EP074: cis-1.3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	1 mg/kg	85.2	54	124
EP074: Irans-1,3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	1 mg/kg	83.0	51	129

Page : 11 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Martrix: SOIL				Method Blank (MB)		Laboratory Control Spike (LCS) Report		
	627711-11-	17.74.71		Report	Spike	Spike Recovery (%)	Recovery	Literator (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	Hip
EP074D: Fumigants (QCLot: 3044582) - continue								
EP074: 1.2-Dipromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	1 mg/kg	89.2	66	120
EP074E: Halogenated Aliphatic Compounds (QC	Lot: 3044582)							
EP074: Dichlorodifluoromethene	75-71-8	1	mg/kg	T -	10 mg/kg	64.2	30	14
	0.300.000	5	mg/kg	<5	-		_	-
EP074; Chicromethane	74-67-3	1	mg/kg	-	10 mg/kg	97.5	41	14
	120304202	5	mg/kg	<5		_	_	-
EP074: Vinyl shloride	75-01-4	1	mg/kg	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 mg/kg	103	43	14
		5	mg/kg	<5		-	-	-
EP074; Bromomethane	74-83-9	1	mg/kg	-	10 mg/kg	109	47	14
Annual Control of the		5	mg/kg	<5	_	_		-
EP074: Chicroethane	75-00-3	1	mg/kg	7.7	10 mg/kg	106	49	14
		5	mg/kg	<5				
EP074: Trichlorofluoromethane	75-69-4	1	mg/kg	-	10 mg/kg	97.3	49	13
		5	mg/kg	<5	_			
EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	98.3	54	12
EP074: lodomethene	74-88-4	0.5	mg/kg	<0.6	1 mg/kg	99.0	43	12
EP074: trans-1.2-Dichloroethene	156-80-5	0.5	mg/kg	<0.5	1 mg/kg	93.7	62	13
EP074; 1.1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	1 mg/kg	98.2	66	13
EP074: dis-1.2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	1 mg/kg	98.6	66	13
EP074: 1.1.1-Trichlorosthane	71-55-6	0.5	mg/kg	<0.6	1 mg/kg	81.1	62	12
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	1 mg/kg	93.0	64	12
EP074: Carbon Tetrachloride	58-23-5	0.5	mg/kg	<0.5	1 mg/kg	90.3	59	12
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	97.9	65	12
EP074: Trichioroethena	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	95.9	64	12
EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	1 mg/kg	95.9	65	12
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	98.1	70	13
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	1 mg/kg	100	72	12
EP074: Tetrachioroethene	127-18-4	0.5	mg/kg	<0.6	1 mg/kg	95.7	67	14
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	71.7	62	12
EP074: trans-1.4-Dichloro-2-butene	110-57-8	0.5	mg/kg	<0.5	1 mg/kg	85.5	54	12
EP074; cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	1 mg/kg	84.5	-55	12
EP074: 1.1.2.2-Tetrachloroethane	79-34-6	0.5	mg/kg	<0.5	1 mg/kg	101	56	13
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	1 mg/kg	97.7	65	13
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	1 mg/kg	90,0	19.8	13
EP074: 1.2-Dibramo-3-chioropropane	96-12-8	0.5	mg/kg	<0.5	1 mg/kg	77.9	53	12
EP074: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	1 mg/kg	94.7	48	13
EP074F: Halogenated Aromatic Compounds (QC	Lot: 3044582)							
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	96.4	70	12
EP074: Brumobenzene	108-86-1	0.5	mg/kg	<0.6	1 mg/kg	94.0	67	12

Page : 12 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: SOIL				Method Blank (MB)		Leboratory Control Spike (LCS) Report		
		1/25/4/2	71 2007	Report	Spalin	Spike Recovery (%)	Recovery	Literito (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EP074F: Halogenated Aromatic Compounds (Q	CLot: 3044582) - continued							
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.6	1 mg/kg	93.8	64	130
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	1 mg/kg	94,9	62	130
EP074: 1.3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	1 mg/kg	95,2	63	125
EP074: 1.4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	1 mg/kg	93.7	63	12
EP074: 1.2-Dichlorobenzene	96-50-1	0.5	mg/kg	<0.6	1 mg/kg	92.6	66	120
EP074: 1.2.4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	1 mg/kg	87.2	54	13
EP074: 1.2.3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	1 mg/kg	97.3	60	13
EP074G: Trihalomethanes (QCLot: 3044582)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	95.7	62	12
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.6	1 mg/kg	89.1	61	12
EP074: Dibromochloromethane	124-48-1	0.5	mgAcg	<0.5	1 mg/kg	91.1	63	12
EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	1 mg/kg	91.5	60	12
EP075(SIM)A: Phenolic Compounds (QCLot: 30	44398)	2000	1000000	and the state of t	ARABOMES!			111111111111111111111111111111111111111
EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	4 mg/kg	88.0	74	11
EP075(SIM): 2-Chlorophenol	96-57-8	0.5	mgArg	<0.5	4 mg/kg	83.1	74	11
EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	4 mg/kg	87.3	72	11
EP075(SIM): 3- & 4-Methylphanol	1319-77-3	1.0	mg/kg	<1	8 mg/kg	81.6	69	12
EP075(SIM): 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	4 mg/kg	87.1	60.3	11
EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	4 mg/kg	84.4	69	11
EP075(SIM): 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	4 mg/kg	82.4	68	11
EP075(SIM): 2.8-Dichlorophenol	87-65-0	0.5	mg/kg	<0.6	4 mg/kg	86.1	73	11
EP075(SIM): 4-Chloro-3-Methylphenol	59-50-7	0.5	mg/kg	<0.5	4 mg/kg	81.8	76.4	11-
EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	4 mg/kg	93.0	57	11
EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	4 mg/kg	83.8	68.9	11
EP075(SIM): Pentachlorophenol	87-86-5	1.0	mg/kg	<1	8 mg/kg	34.9	3.9	57
EP075(SIM)B: Polynuciear Aromatic Hydrocarbo	one (OCLot: 3044398)							10
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	4 mg/kg	83.8	80	12
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	4 mg/kg	83.1	77	12
EP075(SIM): Agenaphthene	83-32-9	0.5	mg/kg	<0.5	4 mg/kg	84.1	79	12
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	4 mg/kg	82.4	77	12
EP075(SIM): Phenenthrene	85-01-8	0.5	mg/kg	<0.5	4 mg/kg	85.8	79	12
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	4 mg/kg	81.6	79	12
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	4 mg/kg	82.5	79	12
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	4 mg/kg	83.6	79	12
EP075(SIM): Benz(a)enthracene	56-55-3	0.5	mg/kg	<0.5	4 mg/kg	89,5	73	12
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	4 mg/kg	105	81	12
EP075(SIM): Benzo(b)fluoranthene	205-99-2	0.5	mgArg	<0.5	4 mg/kg	89.0	70	11
EP075(SIM): Benzo(k)fluorenthene	207-08-9	0.5	mg/kg	<0.5	4 mg/kg	101	77	12
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	4 mg/kg	103	76	12

Page : 13 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: SOIL				Method Blank (MB)		Laboratory Control Spike (LC)	S) Report	
				Report	Spike	Spike Recovery (%)	Recovery	Literito (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot	3044398) - con	tinued						
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.6	4 mg/kg	99.9	71	113
EP075(SIM): Dibenz(a.h)enthracene	53-70-3	0.5	mg/kg	<0.5	4 mg/kg	91,7	71.7	113
EP075(SIM): Benzo(g.h.l)perylene	191-24-2	0.5	mg/kg	<0.5	4 mg/kg	89,4	72.4	114
EP080/071: Total Petroleum Hydrocarbons (QCLst: 304439)	7)							
EP071: C10 - C14 Fraction	-	50	mg/kg	<50	200 mg/kg	101	71	131
EP071; C15 - C28 Fraction		100	mg/kg	<100	300 mg/kg	103	74	138
EP071: C29 - C36 Fraction		100	mg/kg	<100	200 mg/kg	97.3	64	128
EP086/071: Total Petroleum Hydrocarbons (QCLot: 304458	1)							
EP080: C6 - C9 Fraction		10	mg/kg	<10	26 mg/kg	101	88.4	128
EP086/071: Total Petroleum Hydrocarbons (QCLot: 304568	n .	1000	In mount	The same of	- Darlin Both	A. 38/A //		3,500
EP080: C6 - C9 Fraction		10	mg/kg	<10	26 mg/kg	97.0	68.4	128
EP680/071: Total Recoverable Hydrocarbons - NEPM 2013	OCI et 3044391	The state of the s	1	ulu - A	37,000	A 350,000 - 14		1
EP071: >C10 - C16 Fraction	>C10_C16	50	mg/kg	<60	250 mg/kg	103	70	130
EP071: >C16 - C34 Fraction		100	mg/kg	<100	350 mg/kg	101	74	138
EP071: >C34 - C40 Fmction		100	mg/kg	<100			-	1000
		50	mg/kg		150 mg/kg	87.1	63	131
EP086/071: Total Recoverable Hydrocarbons - NEPM 2013	OC! of 3044581	10						-
EPOBO: C6 - C10 Fraction	C6 C10	10	mg/kg	<10	31 mg/ka	105	68.4	128
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013	OCI of 3045684	1				1 2375	13871071	
EP080: C6 - C10 Fraction	C6 C10	10	mg/kg	<10	31 mg/kg	96.9	88.4	128
MANUFACTOR AND	00_010		, mana	3.0	51.11g/rg			100
EP080: BTEXN (QCLot: 3044581)	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	88.4	62	116
EP080: Benzene EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	94,1	62	126
EPO80: Iduaria EPO80: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	90.6	58	118
EP080: Ediyiberizane EP080: meta- & para-Xylene	108-38-3	0.5	mg/kg	<0.5	2 mg/kg	92.8	60	120
EPUBU. Hittar- & parte-Aylonio	108-42-3			- Canal		- Maria		1.20
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	93.3	60	120
EP080: Naphthalene	91-20-3	1	mg/kg	ব	1 mg/kg	87.8	62	138
EP080: BTEXN (QCLot: 3045681)			11 115706		10000		-14	111 - 200
EPOBO: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	90.8	62	116
EPO80: Tolume	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	96.6	62	128
EPO80: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	96.5	58	118
EP080: meta- & para-Xylene	108-38-3	0.5	mg/kg	<0.5	2 mg/kg	94.9	60	120
er som men a kennadana	106-42-3	2200	30578	2505.0	V27V-0724	2.7030	1502	- 55
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	98.3	60	120
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	88.0	62	138

Page 2 14 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C

ALS

Matrix Spike (MS) Report

The quality control term Metrix Spike (MS) refers to an intralaboratory spill sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential metrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs), ideal recovery ranges stated may be waived in the event of sample matrix interference.

lub-Matrix: SOIL					latrix Spiles (MS) Report		
	N. N. C.	Patrico de Caracteria de Carac		Spike	SpikeRecovery(%)	Recovery I	STATE OF THE PERSON NAMED IN
aboratory sample ID	Glant sample (0	Method: Comcound	CAS Humber	Concentration	MS	Low	hig
ED045G: Chloride	by Discrete Analyser (QCLot: 3046091)						
ES1319417-002	SZ	ED045G: Chloride	16887-00-6	1250 mg/kg	110	70	130
EG005T: Total Me	tals by ICP-AES (QCLot: 3050920)				100		
ES1319361-001	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	101	70	130
	1	EG005T: Cadmium	7440-43-9	50 mg/kg	99.0	70	130
		EG005T: Chromium	7440-47-3	50 mg/kg	101	70	130
		EG005T: Copper	7440-50-8	250 mg/kg	104	70	130
		EG005T: Leed	7439-92-1	250 mg/kg	94.8	70	130
		EG005T: Nickel	7440-02-0	50 mg/kg	103	70	130
		EG005T: Selenium	7782-49-2	50 mg/kg	104	70	130
		EG005T: Zinc	7440-66-6	250 mg/kg	88.3	70	130
EG035T: Total Re	coverable Mercury by FIMS (QCLet: 30509	The state of the s	The state of the s		A STATE OF THE STA	(4)	111111111111111111111111111111111111111
ES1319361-001	Anonymous	EG035T: Mercury	7439-97-6	6 mg/kg	96.6	70	130
THE RESERVE OF THE PERSON NAMED IN	N by Segmented Flow Analyser (QCLot: 30		7,000,00,0		.850	1.5	1.000
ES1319366-001	Accommous	30-30-34-9	57-12-5	20 mg/kg	# 24.6	70	130
		EX026SF: Total Cyanide	31-12-3	20 mg/kg	# 24.0	10	130
CONTRACTOR OF THE PARTY OF THE	nated Biphenyls (PCB) (QCLot: 3044395)	THE RESIDENCE OF THE PARTY OF T	270		7 - 32201 - 111		111111000
ES1319417-003	53	EP066: Total Polychlorinated biphenyls		1 mg/kg	96.8	70	130
EP068A: Organoc	hiorine Pesticides (OC) (QCLot: 3044394)						
E81319417-003	83	EP068: gamma-BHC	58-89-9	0.5 mg/kg	84.0	70	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	99.7	70	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	96.1	70	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	80.8	70	130
		EP068: Endrin	72-20-8	2 mg/kg	89.7	70	130
	4	EP068: 4.4'-DDT	50-29-3	2 mg/kg	86.0	70	130
EP9688: Organop	hosphorus Pesticides (OP) (QCLot: 38443)	34)					
ES1319417-003	53	EP068: Diazinon	333-41-5	0.5 mg/kg	97.2	70	130
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	73.4	70	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	92.9	70	130
		property of the contract of th	4824-78-6	0.5 mg/kg	94.9	70	130
		EP-068: Bromopnos-daryi					
		EP068: Bromophos-athyl EP068: Prothiofos	34643-46-4	0.5 mg/kg	87.4	70	130
EP074E: Halonans	ated Allohatic Compounds (OCL at: 304458)	EP068: Prothiofos	34643-46-4	0.5 mg/kg	87.4	70	130
EP074E: Halogena ES1319417-001	ated Aliphatic Compounds (QCLot: 304458	EP068: Prothiofos	34643-46-4 75-35-4	0.5 mg/kg 2.5 mg/kg	87.4	70	130

Page : 15 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



kub-Matrix: SOIL					wirtx Spike (MS) Report		
	1000000			Spiles	SpliteRecovery(%)	Recovery L	.imito (%)
aboretory semple ID	Cliust aample iD	Method: Comsound	CAS Number	Concentration	MS	Low	High
P974F: Halogena	ted Aromatic Compounds (QCLot: 3)	044582) - continued					
ES1319417-001	S1	EP074: Chlorobenzene	108-90-7	2.5 mg/kg	91.8	70	130
EP075(SIM)A: Phe	nolic Compounds (QCLot: 3044398)				W		
ES1319417-003	\$3	EP076(SIM): Phenol	108-95-2	10 mg/kg	87.2	70	130
		EP075(SIM): 2-Chlorophenol	96-57-8	10 mg/kg	82.8	70	130
		EP075(SIM): 2-Nitrophenol	88-75-5	10 mg/kg	82.1	60	130
		EP075(SIM): 4-Chloro-3-Methylphenol	59-60-7	10 mg/kg	79.2	70	130
		EP075(SIM): Pentachlorophenol	87-86-5	10 mg/kg	59.8	20	130
EPOTS(SIM)B: Poly	muclear Aromatic Hydrocarbons (QC	CLot: 3044398)					
ES1319417-003	\$3	EP075(SIM): Acenephthene	83-32-9	10 mg/kg	83.9	70	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	83.7	70	130
EP980/071: Total P	etroleum Hydrocarbona (QCLot: 384	THE PROPERTY OF THE PROPERTY O	- ALCOHOL: 1	A CONTRACTOR		- 200	
ES1319417-001	\$1	EP071: C10 - C14 Fraction	_	640 mg/kg	80.8	73	137
	-	EP071: C15 - C28 Fraction	_	3140 mg/kg	97.5	53	131
		EP071: C29 - C36 Fraction	_	2860 mg/kg	77.1	52	132
EPBB0/071: Total P	etroleum Hydrocerbons (QCLot: 364	THE PARTY OF THE P					
ES1319417-001	51	EP080: C6 - C9 Fraction	_	32.5 mg/kg	106	70	130
CONTRACTOR OF THE PARTY OF THE	A STATE OF THE PARTY OF THE PAR		1,771	- Section rings and	109	1.00	100
	etroleum Hydrocarbons (QCLot: 364	WITH THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS		00.5		700	400
ES1319467-006	Anonymous	EP080: C6 - C9 Fraction		32.5 mg/kg	111	70	130
EP980/071: Total F	secoverable Hydrocarbons - NEPM 20	013 (QCLot: 3044397)					11 - 120.00
ES1319417-001	S1	EP071: >C10 - C16 Fraction	>C10_C16	850 mg/kg	103	73	137
		EP071: >C16 - C34 Fraction		4800 mg/kg	74.1	53	131
		EP071: >C34 - C40 Fraction	_	2400 mg/kg	59.0	52	132
EP980/071: Total R	lecoverable Hydrocarbons - NEPM 20	113 (QCLot: 3044581)					
ES1319417-001	\$1	EP080: C8 - C10 Fraction	C6_C10	37.5 mg/kg	107	70	130
EP080/071: Total F	tecoverable Hydrocarbons - NEPM 20	013 (QCLot: 3045681)					
ES1319467-006	Anonymous	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	107	70	130
EPOSO: BTEXN (Q	CLot: 3044581)						
ES1319417-001	S1	EP080: Benzene	71-43-2	2.5 mg/kg	79.9	70	130
		EP080: Toluene	108-88-3	2.5 mg/kg	90.2	70	130
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	87.1	70	130
		EP080: meta- & para-Xylene	108-38-3	2,5 mg/kg	89.4	70	130
			106-42-3	(C. (10) (C. (10))	888		3,55
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	89.8	70	130
		EP080: Naphthelene	91-20-3	2.5 mg/kg	80.9	70	190
COARS DYCKE IS	CLot: 3045681)	Sub-Market Court of It			11		0.000
EPPOD: BIEAN (Q							

Page 2 16 of 18 Work Order 2 ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Sub-Matrix: SOIL			M	wirtx Spike (MS) Report		
			Spiles	SplineRecovery(%)	Recovery I	Limite (%)
aboretory semple ID Client semple ID	Method: Comsound	GAS Number	Concentration	MS	Low	High
EP980: BTEXN (QCLot: 3045681) - continued						
51319467-006 Anonymous	EP080: Toluene	108-88-3	2.5 mg/kg	81.6	70	130
	EP080: Ethylbenzene	100-41-4	2.5 mg/kg	83.8	70	130
	EP080: meta- & pera-Xylene	108-38-3	2.5 mg/kg	84.3	70	130
		106-42-3				
	EP080: artho-Xylene	95-47-6	2.5 mg/kg	67.8	70	130
	EP080: Naphthalene	91-20-3	2.5 mg/kg	86.3	70	130

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

The quality control term Metrix Spike (MS) and Matrix Spike (MSD) refers to intralaboratory spit samples epiked with a representative set of target analysis. The purpose of these QC parameters are to monitor potential matrix effects on analysis recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs), ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: SOIL					Metrix Spike (I	(S) and Metrix S	pins Duplicate	(MSD) Report	ř.	
Mary Land Control of the Control of				Spike	Spille Red	sovery (%)	Recovery	Limits (%)	RP	nos (N)
Leboratory sample ID	Client sample IO	Method: Compound	CAS Number	Concentration	MS	MSD	Low	High	Vetos	Control Lie
EP988A: Organoch	niorine Pesticides (OC) (QCL	ot: 3044394)								
ES1319417-003	83	EP068: gamma-BHC	58-89-9	0.5 mg/kg	84.0	1-4-1	70	130	_	-
	1	EP068: Heptachlor	76-44-8	0.5 mg/kg	99.7	1999	70	130	- -	2.77
		EP068: Aldrin	309-00-2	0.5 mg/kg	96.1	-	70	130	-	145-0
		EP068: Dieldrin	60-57-1	0.5 mg/kg	8.08	25000	70	130	-270	1220
		EP068: Endrin	72-20-8	2 mg/kg	89.7	-	70	130	-	7 1
		EP068: 4.4'-DDT	50-29-3	2 mg/kg	86.0	10000	70	130	-	-
P968B: Organoph	hosphorus Pesticides (OP) (C	2CLet: 3044394)								-
E81319417-003	83	EP068: Diazinon	333-41-5	0.5 mg/kg	97.2	-	70	130	-	-
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	73.4		70	130	-	
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	92.9	1000	70	130	-	400
		EP068: Bromophos-athyl	4824-78-6	0.5 mg/kg	94.9	-	70	130	-	-
		EP068: Prothiofos	34543-46-4	0.5 mg/kg	87.4		70	130	-	-
EP966: Polychlorin	nated Biphenyls (PCB) (QCLc	ot: 3044395)								
ES1319417-003	83	EP068: Total Polychlorinated biphenyls	(1)	1 mg/kg	8.86	-	70	130	-	-
EP880/071: Total P	etroleum Hydrocarbons (QC	Lot: 3044397)								175
ES1319417-001	S1	EP071: C10 - C14 Fraction	-	640 mg/kg	80.8	****	73	137		****
		EP071: C15 - C28 Fraction	1344	3140 mg/kg	97.5	-	53	131	-	-
		EP071: C29 - C36 Fraction	×-	2860 mg/kg	77.1	1000	52	132	-	-
P080/071: Total R	ecoverable Hydrocarbons - N	IEPM 2013 (QCLet: 3044397)						-27.2		
E81319417-001	81	EP071; >C10 - C16 Fraction	>C10_C16	850 mg/kg	103	-	73	137	-	I
	1100	EP071: >C16 - C34 Fraction		4800 mg/kg	74.1		53	131	-	22
		EP071; >C34 - C40 Fraction		2400 mg/kg	59.0		52	132	_	-

Page : 17 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: 80IL				THE RESERVE OF THE PARTY OF THE	Metrix Spike (N	(S) and Metrix S	ipine Duplican	(MGD) Repor	t	ess en
				Spike	Spillo Red	overy (%)	Recovery	Licelto (%)	RP	You (N)
Leboratory sample ID	Glient sample ID	Method: Compound	CAS Number	Concentration	AKS	MSD	Low	Migh	Velue	Control Limit
EP075(SIM)A: Phor	nolic Compounds (QCLot: 30	044398) - continued								
ES1319417-003	53	EP075(SIM): Phenol	108-95-2	10 mg/kg	87.2	_	70	130		
		EP075(SIM): 2-Chlorophenol	95-57-8	10 mg/kg	82.8		70	130		(877)
		EP075(SIM): 2-Nitrophenol	88-75-5	10 mg/kg	82.1	-	60	130	-	-
		EP075(SIM): 4-Chloro-3-Methylphenol	59-50-7	10 mg/kg	79.2		70	130	-	-
		EP075(SIM): Pentachlorophenol	87-86-5	10 mg/kg	59.8	170	20	130	-	· -
EP075(SIM)B: Poly	nuclear Aromatic Hydrocarb	ons (QCLot: 3044398)								
ES1319417-003	53	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	83.9	-	70	130		
		EP075(BIM): Pyrene	129-00-0	10 mg/kg	83.7	220	70	130		320
EK026SF: Total CI	by Segmented Flow Analys	er (QCLot: 3044574)					- 11			
ES1319366-001	Anonymous	EK026SF: Total Cyanida	57-12-5	20 mg/kg	# 24.6		70	130	-	
EP080/071: Total P	etroleum Hydrocarbons (QC	Lot: 3944581)	100000	Accessed to the con-						100
ES1319417-001	S1	EP080: C8 - C9 Fraction	-	32.5 mg/kg	105	-	70	130		1
EDASON74: Total D	and the same of th	NEPM 2013 (QCLpt: 3044581)			1 1/1/10		14 25	3990		
ES1319417-001	51	EP080: C8 - C10 Fraction	C8 C10	37.5 mg/kg	107		70	130	- 25	1 ===
NAME OF TAXABLE PARTY.	NR IVE	EP080: C6 - C10 Fracion	00_010	- St. St. Highligh	102		10	100		-
EP080: BTEXN (Q		The second secon	27722	CONTRACTOR OF THE PARTY OF THE				1 222		-
E81319417-001	81	EP080: Berzene	71-43-2	2.5 mg/kg	79.9		70	130		
		EP080: Toluene	108-88-3	2.5 mg/kg	90.2		70	130	-	
	1	EP080: Ethylbanzene	100-41-4	2.5 mg/kg	87.1 89.4	(1000)	70	3.44	_	-
		EP080; meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	89.4	7.5	70	130	-55	277
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	89.8		70	130	_	-
		EP080: Naphthalene	91-20-3	2.5 mg/kg	80.9	_	70	130	_	-
	CONTRACTOR CONTRACTOR CONTRACTOR	and the same of th	0.740.0	a.c.ingrig			-1.0	350		1
MARKET PROPERTY AND ADDRESS.	ted Aliphatic Compounds (Q	BEAVE PROPERTY.	75 OF 4	O.S. marker	407		700	420		1
ES1319417-001	51	EP074: 1.1-Dichloroethene	75-35-4 79-01-6	2.5 mg/kg 2.5 mg/kg	93.4		70	130		
Manager 1997		EP074: Trichioroethene	79-01-0	Zomgreg	93.4		rv	130		
	ted Aromatic Compounds (C		2722222				11 20	722		4-1
E81319417-001	81	EP074: Chlorobenzane	108-90-7	2.5 mg/kg	91.8	-	70	130	-	_
AND REAL PROPERTY AND ADDRESS OF THE PERSONS AND	etroleum Hydrocarbons (QC	Lot: 3845681)								
ES1319467-006	Anonymous	EP080: C6 - C9 Fraction		32.5 mg/kg	111	****	70	130	****	
EP080/071: Total R	ecoverable Hydrocarbons - N	NEPM 2013 (QCLot: 3045681)								
ES1319467-006	Anonymous	EP080: C8 - C10 Fraction	C8_C10	37.5 mg/kg	107	-	70	130	_	_
EP060: BTEXN (Q	CLot: 3045681)	History wear a delivere	to assessed	a construction of the			100	- crosse		.11
ES1319467-006	Anonymous	EP080: Berzene	71-43-2	2.5 mg/kg	75.0		70	130	-	-
	6222-52200	EP080: Toluene	108-88-3	2.5 mg/kg	81.6		70	130	_	
		EP080: Ethylpenzene	100-41-4	2.5 mg/kg	83.8		70	130	_	_
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	84.3	18-18	70	130	8.00	(87)

Page : 18 of 18 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Sub-Matrix: SOIL					Metrix Spike (N	(S) and Meets S	plie Doplicate	(MGD) Report		
				Spike	Spillo Rec	sovery (N)	Recovery	Limite (%)	RP	Do (N)
Leboratory sample ID	story sample ID Client sample ID Method: Compound		CAS Number	Concentration	MS	MSD	Low	Migh	Vetre	Gontral Limit
EP080: BTEXN (Q	CLot: 3045681) - continued									7
ES1319467-008	Anonymous	EP080: ortho-Xylene	95-47-8	2.5 mg/kg	87.8	_	70	130		
		EP080: Naphthalene	91-20-3	2.5 mg/kg	86.3	, a .	70	130		-
ED045G: Chloride	by Discrete Analyser (QCLot	: 3046091)								
EB1319417-002	82	ED045G: Chloride	16887-00-6	1250 mg/kg	110		70	130		S 2000
EG005T: Total Met	als by ICP-AES (QCLot: 3050	920)								
ES1319361-001	Anonymous	EG005T: Amenic	7440-38-2	50 mg/kg	101	_	70	130	-	1000
		EG005T: Cadmium	7440-43-9	50 mg/kg	99.0	-	70	130		-
	1	EG005T: Chromium	7440-47-3	50 mg/kg	101		70	130	-	-
		EG005T: Copper	7440-50-8	250 mg/kg	104	and .	70	130	-	-
		EG005T: Lead	7439-92-1	250 mg/kg	94.8	****	70	130		-
		EG005T: Nickel	7440-02-0	50 mg/kg	103	-	70	130	177	
		EG005T: Selenium	7782-49-2	50 mg/kg	104	-	70	130	-	4440
		EG005T: Zinc	7440-66-6	250 mg/kg	88.3	-	70	130	_	-
EG035T: Total Rec	coverable Mercury by FIMS (QCLat: 3050921)								
ES1319361-001	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	96.6	-	70	130	-	-





Environmental Division

INTERPRETIVE QUALITY CONTROL REPORT

ES1319417 Work Order Page : 1 of 9 Client SMEC TESTING SERVICES PTY LTD Laboratory : Environmental Division Sydney Contact DAVID YONGE Contact Client Services Address Address : 277-289 Woodpark Road Smithfield NSW Australia 2164 : P O BOX 6989 WETHERILL PARK NSW, AUSTRALIA 2164 E-mail E-mail : sydney@alsglobal.com : dyonge@smectesting.com.au Telephone :+61 02 9756 2166 Telephone : +61-2-8784 8555 :+81 02 9756 1137 Facelmile: Fecsimile : +61-2-8784 8500 Project : 19305 3376C QC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement Sibo C-O-C number Date Samples Received : P19305-COC1 : 03-SEP-2013 Sampler Issue Date 10-SEP-2013 Order number 10371

No. of samples received

No. of samples analysed

: 10

: 10

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Interpretive Quality Control Report contains the following information:

EN/025/13

- Analysis Holding Time Compliance
- Quality Control Parameter Frequency Compliance
- Brief Method Summaries
- Summary of Outlers

Quote number

Page : 2 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with recommended holding times (USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Date reported represent first date of extraction or analysis and proclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachste methods (e.g. TCLP) very according to the analysis reported. Assessment compares the leach date with the shortest analysis holding time for the equivalent soil method. These are: organics 14 days, mercury 26 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for VOC in solls vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Method		Sample Date	F)	traction / Preparation		- 10 - 2 mm.	Analysia	125
Container / Client Sample (D(s)		Same trans	Date extracted	Due for extraction	Evaluation	Date eneigned	Due for analysis	Eveluation
EA002 : pH (Solle)								ii.
Soll Glass Jar - Unpreserved (EA002)								
81,	82,	26-AUG-2013	05-SEP-2013	04-SEP-2013	*	06-SEP-2013	05-SEP-2013	1
S5,	S11		-					1000
EA010: Conductivity								
Boll Glass Jar - Unpreserved (EA010)	46.50	100000000000000000000000000000000000000	Chilly Colonies swi	(SOSSONSOVACE)	1 22-1	ALMS STATIONS !	7.000000000000000000000000000000000000	- 22
81.	\$2.	28-AUG-2013	05-SEP-2013	04-SEP-2013	*	05-SEP-2013	03-OCT-2013	1
95,	811	1,00,000,000,000	7076170001V	2040.42 53070		GGG GF/ WAGO	1,100,000,000,000	2000
EA955: Moisture Content								A.
Soil Glass Jer - Unpreserved (EA055-103)							Market Service	
81,	82.	28-AUG-2013	-	****	-	05-SEP-2013	11-SEP-2013	1
83,	\$4,							
85,	56, S9,							
\$7,	\$9,							
810,	811							
ED940S : Soluble Sulfate by ICPAES								ñ1
Soil Glass Jar - Unpreserved (ED040S)								
81,	82,	28-AUG-2013	05-SEP-2013	25-SEP-2013	1	06-SEP-2013	03-OCT-2015	1
85,	811				107			
ED945G: Chloride Discrete analyser								
Soll Glass Jar - Unpreserved (ED045G)		227000000000	CHARGE GRADE	ST CARDING PROVINCE		construction of	7.00023000000000	200
81,	52,	26-AUG-2013	05-SEP-2013	25-SEP-2013	1	05-SEP-2013	03-OCT-2013	1
S5.	S11	311 3144 110 314 1						
EG005T: Total Metals by ICP-AES								
Soil Glass Jar - Unpreserved (EG005T)								
81,	82,	28-AUG-2013	09-SEP-2013	24-FEB-2014	1	09-SEP-2013	24-FEB-2014	1
83,	94,							
S6,	87,							
59,	S10							

Page : 3 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Method		Sample Date	B	draction / Preparation			Ansiyata .	
Container / Client Sample (D(s)		- Established	Date untracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EG035T: Total Recoverable Mercury by	y FIMS			_		7		
Boll Glass Jar - Unpreserved (EG035T)	6 Pictorial Control of the Control o							
81,	92,	28-AUG-2013	09-SEP-2013	25-SEP-2013	1	09-SEP-2013	25-SEP-2013	1
83,	94,							
36,	87,							
59,	\$10							
EK926SF: Total CN by Segmented Flor	w Analyser				1			
Soll Glass Jar - Unpreserved (EK026SF)								
S1,	56	28-AUG-2013	04-SEP-2013	11-SEP-2013	1	05-SEP-2013	18-SEP-2013	1
EP066: Polychiorinated Biphanyla (PC)	*)							
Soil Glass Jar - Unpreserved (EP066)								
S3,	S10	28-AUG-2013	05-SEP-2013	11-SEP-2013	1	06-SEP-2013	15-OCT-2013	1
EP068A: Organochiorine Posticides (O	c)							
Soil Glass Jar - Unpreserved (EP068)								
82,	83,	28-AUG-2013	05-8EP-2013	11-SEP-2013	1	06-SEP-2013	15-OCT-2013	1
S9,	S10							17553
EP068B: Organophosphorus Pesticide	a (OP)							
Soil Glass Jar - Unpreserved (EP068)	00-00 State	Total Anti-Anti-Anti-Anti-Anti-Anti-Anti-Anti-	0.1930/1836/1851	799/2007009	25583	VOCUMENT SENT SEE	\$50 AT-10-54.	88
82,	53,	28-AUG-2013	05-8EP-2013	11-SEP-2013	4	06-SEP-2013	15-OCT-2013	1
S9,	S10	100000000000000000000000000000000000000	20 (10 (10 (10 (10 (10 (10 (10 (15.000,5.100,5.10			3000000000	
EP080/071: Total Petroleum Hydrocarb	ons							
Soil Glass Jar - Unpreserved (EP071)				1. 2.2.1.1.			Ti Carrier II	
81,	83,	28-AUG-2013	05-BEP-2013	11-SEP-2013	1	05-SEP-2013	15-OCT-2013	1
84,	S6,							
87,	S10				1			
EP074D: Fumigents								
Soil Glass Jar - Unpreserved (EP074)		an appropriate of	torono-stantono d	SERVICE ROSE		CONTRACTOR OF THE		600
\$1,	\$10	28-AUG-2013	04-SEP-2013	04-SEP-2013	1	04-SEP-2013	04-SEP-2013	1
EP074E: Halogenated Allphatic Compo	unds							
Soil Glass Jar - Unpreserved (EP074)	50.V4:	Transport Co.	satisfication state	(Congressive senses of 1)		re-re-represent	2335x37933 54:5-1	505
81,	810	28-AUG-2013	04-SEP-2013	04-SEP-2013	1	04-SEP-2013	04-SEP-2013	1
EP074F: Halogenated Aromatic Compo	ounda							
Soil Glass Jar - Unpreserved (EP074)		7.200XN289E8	Total and works with	(BXXVEVXX898)		TWO CONCURS TO SERV		128
81,	810	26-AUG-2013	04-SEP-2013	04-SEP-2013	1	04-SEP-2013	04-SEP-2013	1
EP074G: Tribalomethanes								
Soll Glase Jar - Unpreserved (EP074)	(23)	000000000000	2007/2014/2012	(STATEMENT OF THE PARTY OF THE	11 123	CHEMISTRA!	9999410983NA	ča.
81,	S10	28-AUG-2013	04-SEP-2013	04-SEP-2013	1	04-SEP-2013	04-SEP-2013	1
EP075(SIM)A: Phenolic Compounds	00							
Soll Glass Jar - Unpreserved (EP075(SIN		The state of the s	10000000000	VAN SEESTAN	100	944/4-Testo	NGC BERNE	191
93.	\$10	28-AUG-2013	05-SEP-2013	11-SEP-2013	1	06-SEP-2013	15-OCT-2013	1

Page : 4 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Metro: SOIL					Evaluation	× = Holding time	breach ; - Within	holding time
Method		Sample Date	E E	draction / Preparation			Ansiyats	
Container / Client Sample (D(s)		- HOUSE 110 0	Date extracted	Due for extraction	Evaluation	Dete analysed	Due for analysis	Evaluation
EP075(SIM)B: Polynuclear Aromatic Hydrocarb	ons			N		7		
Boll Glass Jar - Unpreserved (EP075(SIM))								
81,	\$3,	28-AUG-2013	05-8EP-2013	11-SEP-2013	1	06-SEP-2013	15-OCT-2013	1
84,	96,							-
87,	810							
EP080: BTEXN								
Soll Glass Jar - Unpreserved (EP080)	SERAS	L AMAGULTOS	TOTAL CONTRACT	00000000000000		CONTRACTOR OF THE PARTY OF THE	0.0000000000000000000000000000000000000	225
S1,	\$10	28-AUG-2013	04-SEP-2013	11-SEP-2013	1	04-SEP-2013	11-SEP-2013	1
Soil Glass Jar - Unpreserved (EP080)								
83,	54,	28-AUG-2013	05-SEP-2013	11-SEP-2013	1	05-SEP-2013	11-SEP-2013	1
96,	87							3352
EP080/071: Total Petroleum Hydrocerbons								
Soil Glass Jar - Unpreserved (EP080)	0.66.51	100000000000000000000000000000000000000	"Vision Andreason	FERRING CARREST	5-10	Description (a)	2020/2010/2020/2017	9.5
81,	810	28-AUG-2013	04-SEP-2013	11-SEP-2013	1	04-SEP-2013	11-SEP-2013	1
Soil Glass Jar - Unpreserved (EP080)						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
83,	84,	28-AUG-2013	05-SEP-2013	11-SEP-2013	1	06-SEP-2013	11-SEP-2013	1
S6,	57							

Page : 5 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

Pesticides by GCMS

Total Mercury by FIMS

Polychlorinated Biphenyls (PCB)

Total Cyanide by Segmented Flow Analyser



Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was where) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

1

1

1

2

14

EP068

EP066

EK026SF

EG035T

Quelity Control Sample Type		C	ount	-1	Rate (%)		Quality Control Specification
Analytical Methods	Method	QC .	Regular	Actual	Expected	Evaluation	
Leboratory Duplicates (DUP)	-			1			
Chloride Soluble By Discrete Analyser	ED045G	1	4	25.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Electrical Conductivity (1:5)	EA010	2	18	11.1	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Major Anions - Soluble	ED040S	1	14	7,1	10.0	*	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Moisture Content	EA066-103	2	20	10.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
PAH/Phonois (SIM)	EP075(SIM)	1	6	18.7	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Pestodes by GCMS	EP066	1	4	25.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
pH (1:5)	EA002	2	20	10.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Polychlorinated Biphenyls (PCB)	EP066	1	2	50.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QC53 requirement
Total Cyanide by Segmented Flow Analyser	EK026SF	1	4	25.0	10.0	1	NEPM 2013 Schodule B(3) and ALS QCS3 requirement
Total Mercury by FIMS	EG035T	2	14	14.3	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Total Metals by ICP-AES	EG005T	2	15	13.3	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
TPH - Samiyolatila Fraction	EP071	1	6	16.7	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
TPH Volation/BTEX	EP090	3	23	13.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Volatile Organic Compounds	EP074	4	3	33.3	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Laboratory Control Samples (LCS)							
Chloride Soluble By Discrete Analyser	ED045G	2	4	50.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Electrical Conductivity (1:5)	EA010	1	18	5.6	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Major Anions - Soluble	ED040S	1	14	7.1	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
PAH/Phenois (SIM)	EP075(SIM)	1	6	16.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Pesticides by GCMS	EP068	1	4	25.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Polychlorinated Biphenyla (PCB)	EP055	1	2	50.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Total Cyanide by Sagmented Flow Analyser	EK026SF	2	4	50.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Total Mercury by FIMS	EG035T	1	14	7.5	5.0	1	NEPM 2013 Schedule B(3) and ALS QC53 requirement
Total Metals by ICP-AES	EC005T	1	15	6.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
TPH - Semivolatile Fraction	EP071	1	6	18.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
TPH Volatilas/BTEX	EP080	2	23	8.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Volatile Organic Compounds	EP074	1	3	33.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Method Blanks (MB)							
Chloride Soluble By Discrete Analyser	ED045G	1	4	25.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Electrical Conductivity (1:5)	EA010	1	18	5.6	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Major Aniona - Soluble	ED040S	1	14	7.1	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
PAH/Phenois (SIM)	EP075(SIM)	- 1	8	16.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement

25.0

50.0

25.0

7.1

5.0

5.0

5.0

5.0

1

1

1

NEPM 2013 Schedule B(3) and ALS QCS3 requirement

Page : 6 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD



Metros SOIL				Evaluation	n: * = Quality Cor	ntrol frequency	not within specification; 🗹 = Quality Control frequency within specifica
Quality Control Sample Type	The second secon	C	Count		Rate (%)	and the same	Quality Control Specification
Analytical Methods	Mathod	OC.	Recular	Actual	Expected	Evaluation	A STATE OF THE STA
Method Blanks (MB) - Continued					to annual la		
Fotal Metals by ICP-AES	EC005T	1	15	6.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
FPH - Semivolatile Fraction	EP071	1	6	16.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
FPH Volation/BTEX	EP080	2	23	8.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Volatile Organic Compounds	EP074	1	3	33.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Matrix Spikes (MS)							
Chloride Soluble By Discrete Analyser	ED045G	1	4	25.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
PAH/Phenois (SIM)	EP075(SIM)	1	6	16.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
restories by GCMS	EP068	1	4	25.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Polychlorinated Biphenyis (PCB)	EP066	1	2	50.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
otal Cyanide by Segmented Flow Analyser	EK026SF	1	4	25.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
otal Mercury by FIMS	EG035T	1	14	7.1	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Total Metals by ICP-AES	EG006T	11	15	6.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
PH - Semivolable Fraction	EP071	1	8	16.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
PH Volatiles/BTEX	EP080	2	23	8.7	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Volatile Organic Compounds	EP074	1	3	33.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement

Page : 7 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the sheenes of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Metrix	Method Descriptions
pH (1:5)	EA002	SOIL	(APHA 21st ed., 4500H+) pH is determined on soil samples after a 1:5 soil/water leach. This method is compliant with NEPM (2013) Schedule B(3) (Method 103)
Electrical Conductivity (1:5)	EA010	SOL	(APHA 21st ed., 2510) Conductivity is determined on soil samples using a 1:5 soil/water leach. This method is compliant with NEPM (2013) Schedule B(3) (Method 104)
Moisture Content	EA055-103	SOIL	A gravimetric procedure based on weight loss over a 12 hour drying period at 103-105 degrees C. This method is compliant with NEPM (2013) Schedule B(3) Section 7.1 and Table 1 (14 day holding time).
Major Anions - Soluble	ED0408	SOIL	In-house. Soluble Anions are determined off a 1:5 soil / water extract by ICPAES.
Chloride Soluble By Discrete Analyser	ED045G	SOIL	APHA 21st edition 4500-CI- E. The thiocyanate ion is liberated from mercuric thiocyanate through sequestration of mercury by the chloride ion to form non-ionised mercuric chloride in the presence of ferric ions the librated thiocynate forms highly-coloured ferric thiocynate which is measured at 480 nm. Analysis is performed on a 1:5 soil / water leachate.
Total Metals by ICP-AES	EG005T	SOIL	(APHA 21st ed., 3120; USEPA SW 846 - 6010) (ICPAES) Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM (2013) Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	AS 3550, APHA 21st ed., 3112 Hg - B (Flow-injection (SnCl2)(Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM (2013) Schedule B(3)
Total Cyanide by Segmented Flow Analyser	EK026SF	SOIL	APHA 4500-CN-O. Caustic leachates of soil samples are introduced into an automated segmented flow analyser. Complex bound cyanide is decomposed in a continuously flowing stream, at a pH of 3.8, by the effect of UV light. A UV-B lamp (312 nm) and a decomposition spiral of borosilicate glass are used to filter out UV light with a wavelength of less than 290 nm thus preventing the conversion of thiocyanate into cyanide. The hydrogen cyanide present at a pH of 3.8 is separated by gas dialysis. The hydrogen cyanide is then determined photometrically, based on the reaction of cyanide with chloramine-T to form cyanogen chloride. This then reacts with 4-pyridine carboxylic acid and 1,3-dimethylbarbituric acid to give a red colour which is measured at 600 nm. This method is compliant with NEPM (2013) Schedule B(3) (Appdx. 2)
Polychiorinated Biphenyls (PCB)	EP088	SOL	(USEPA SW 846 - 8270B) Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM (2013) Schedule B(3) (Method 504)
Pesticides by GCMS	EP068	SOIL	(USEPA SW 846 - 8270B) Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM (2013) Schedule B(3) (Method 504,505)
TPH - Semivolatile Fraction	EP071	SOIL	(USEPA SW 846 - 8015A) Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C36. This method is compliant with NEPM (2013) Schedule B(3) (Method 506.1)

Page

18 of 9

Work Order

: ES1319417

Client Project : SMEC TESTING SERVICES PTY LTD

19305 3376C



Analytical Methods	Method	Metrix	Muthod Descriptions
Volatile Organic Compounds	EP074	SOIL	(USEPA SW 848 - 8260B) Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM (2013) Schedule B(3) (Method 501)
PAH/Phenois (SIM)	EP075(SIM)	SOIL	(USEPA SW 846 - 8270B) Extracts are analysed by Capitlary GC/MS in Selective ion Mode (SiM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM (2013) Schedule B(3) (Method 502 and 507)
TPH Volatiles/BTEX	EP080	SOIL	(USEPA SW 846 - 8260B) Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM (2013) Schedule B(3) (Method 501)
Preparation Methods	Method	Matrix	Method Descriptions
NaOH leach for CN in Soils	CN-PR	SOIL	In-house, APHA 4500 CN. Samples are extracted by end-over-end tumbling with NaOH.
1:5 solid / water leach for soluble analytes	EN34	SOIL	10 g of soil is mixed with 50 mL of distilled water and tumbled end over end for 1 hour. Water soluble salts are leached from the soil by the continuous suspension. Samples are settled and the water filtered off for analysis.
Methanolic Extraction of Soils for Purge and Trap	* ORG16	SOIL	(USEPA SW 846 - 5030A) 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids (Option A - Concentrating)	ORG17A	SOIL	In-house, Mechanical agitation (tumbler): 20g of sample, Na2SO4 and surrogate are extracted with 150ml. 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
Tumbler Extraction of Solids (Option B - Non-concentrating)	ORG17B	SOIL	In-house, Mechanical agitation (tumbler), 10g of sample, Na2SO4 and surrogate are extracted with 20mL 1:1 DCM/Acetone by end over end tumble. The solvent is transferred directly to a GC vial for analysis.

Page : 9 of 9 Work Order : ES1319417

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Summary of Outliers

Outliers: Quality Control Samples

The following report highlights outliers flagged in the Quality Control (QC) Report, Surrogate recovery limits are static and based on USEPA SW848 or ALS-QW/EN/36 (in the absence of specific USEPA limits). This report displays QC Outliers (breaches) only.

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: SOIL

Compound Group Name	Laboratory Sample ID	Client Sample 10	Analyte	CAS Number	Dotn	Lints	Commant
Matrix Spike (MS) Recoveries							
EK026SF: Total CN by Segmented Flow Analyser	ES1319366-001	Anonymous	Total Cyunide	57-12-5	24.6 %	70-130%	Recovery less than lower data quality
	Personal restrictions	D28/04/11/05/05/05	, Producestorale	2200000		TALBANIA SA	objective

- · For all matrices, no Method Blank value outliers occur.
- For all matrices, no Duplicate outliers occur.
- · For all matrices, no Laboratory Control outliers occur.

Regular Sample Surrogates

For all regular sample matrices, no surrogate recovery outliers occur.

Outliers: Analysis Holding Time Compliance

This report displays Holding Time breaches only. Only the respective Extraction / Preparation and/or Analysis component is/are displayed.

Matrix: 80IL

Method -		5		Analysis			
Container / Client Sample ID(s)		Date extracted	Due for extraction	Days	Date analysed	Due for analysis	Days overdue
EA902 : pH (Boils)							
Soil Glass Jar - Unpreserved	92500	Septimental Company	stvantalkavano 1				
81,	52.	06-SEP-2013	04-SEP-2013	1			-
S5,	S11	70	100 Section Company		1		
EA010: Conductivity							
Soll Glase Jar - Unpreserved							
\$1,	\$2 ,	05-SEP-2013	04-SEP-2013	1	-		-
S1, 85,	811						

Outliers: Frequency of Quality Control Samples

The following report highlights breaches in the Frequency of Quality Control Samples.

Matrix: 80II

Suelty Control Sample Type	11500	Count	Rate	0 (%)	Quality Control Specification
Method	QC	Regular	Actual	Expected	
nboretory Duplicates (DUP)					
and the state of t				10.0	NEPM 2013 Schedule B(3) and ALS QCS3 requirement





Environmental Division

CERTIFICATE OF ANALYSIS

Work Order : EB1321498 Page :1 of 6

Client : SMEC TESTING SERVICES PTY LTD Liberatory : Environmental Division Brisbane

Contact : DAVID YONGE Contact : Customer Services

Address : P O BOX 6989 Address : 2 Byth Street Stafford QLD Australia 4063

WETHERILL PARK NSW, AUSTRALIA 2164

E-mail : dyonge@smectesting.com.au E-mail : Brisbane.Enviro.Services@alsglobal.com

Telephone : +61 02 9756 2166 Telephone : +61 7 3243 7222
Foosimile : +61 02 9756 1137 Facsimile : +61 7 3243 7218

Project : 19305 3376C QC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement

Order number : 10371

Stempter :-- tesue Date : 10-SEP-2

Outte number : EN/025/13 No. of samples analysed : 1

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following Information:

- General Comments
- Analytical Results
- Surrogate Control Limits



NATA Accredited Laboratory 825

Accredited for compliance with ISO/IEC 17025. Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Calegory
Kim McCabe	Senior Inorganic Chemist	Brisbane inorganica
Matt Frost	Senior Organic Chemist	Brisbane Inorganics
Matt Frost	Senior Organic Chemist	Brisbane Organics
Matt Frost	Senior Organic Chemist	Brisbane Organics

Automo 2 Byth Street Stafford QLD Australia 4953 PRIORIC 461-7-4248 7222 Fecalula: 461-7-4243 7218. Environmental Division Bifsisana April 84 005 938 309 Part of the ALS Group. An ALS Limited Company.

Environmental 🛅

Page : 2 of 6 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project 19305 3376C



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Key: CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

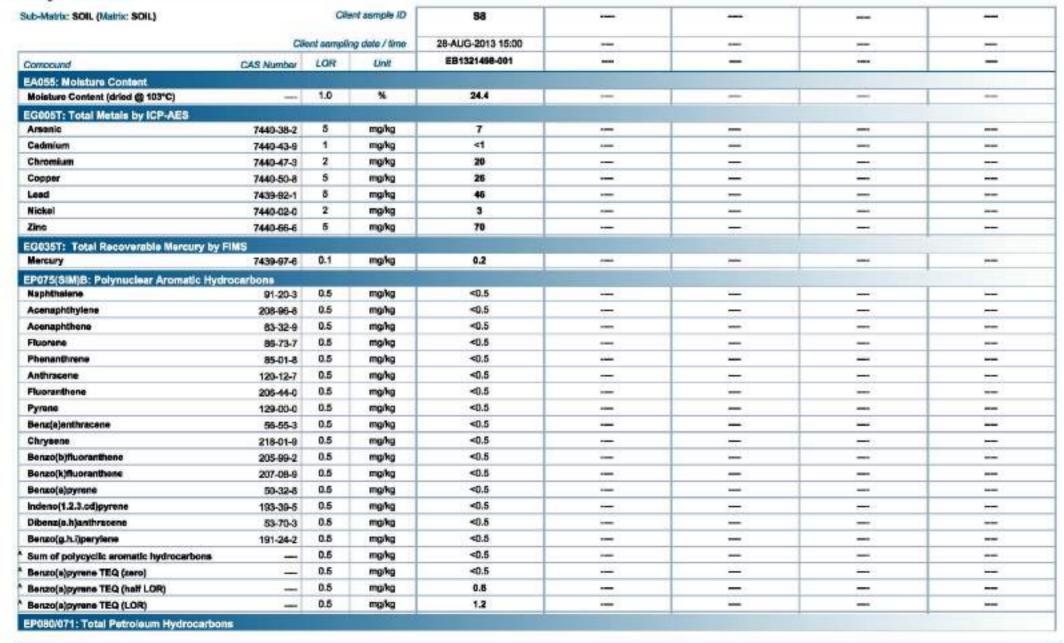
* = This result is computed from Individual analyte detections at or above the level of reporting

Page : 3 of 6 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

Analytical Results

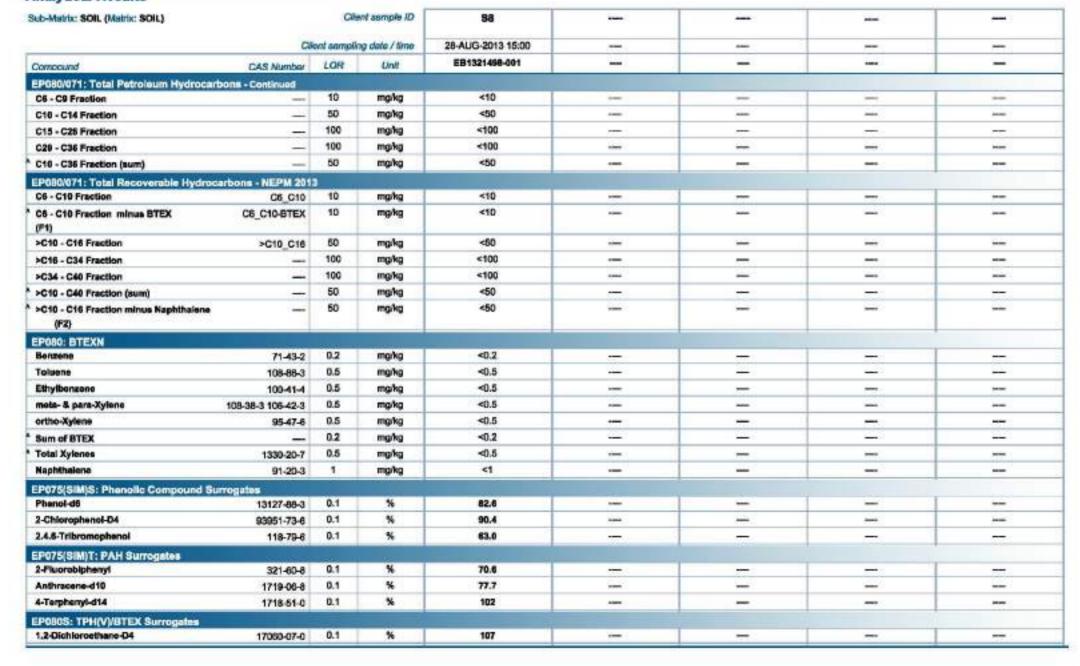


Page : 4 of 6 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

Analytical Results





Page 2 5 of 6 Work Order 1 EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

ALS

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)		Client sample ID Client sampling data / time		88		-	-	 0
	Cit			28-AUG-2013 15:00		***	-	77.5
Compound	d CAS Number LOR Unit		EB1321498-001	(100) (100)	440			
EP080S: TPH(V)/BTEX Surrogate	s - Continued							
Toluans-D8	2037-26-5	0.1	%	94.0			-	
4-Bromofluorobenzane	460-00-4	0.1	%	89.5				jeen :

Page : 6 of 6 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery	Limits (%)
Compound	CAS Number	Low	High
EP075(SIM)S: Phonolic Compound	Surrogates		
Phenol-d6	13127-88-3	34.8	154.5
2-Chlorophanol-D4	93951-73-6	41.9	152.8
2.4.6-Tribromophenol	118-79-6	26.0	156.8
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	33.8	156.5
Anthrecene-d10	1719-06-8	36.9	153.1
4-Terphenyl-d14	1718-51-0	41.8	172.2
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	52.7	133.7
Toluene-DB	2037-26-5	60.3	131.1
4-Bromoffuorobenzene	480-00-4	59.2	126.6







Environmental Division

QUALITY CONTROL REPORT

Work Order : EB1321498 Page : 1 of 8

Client : SMEC TESTING SERVICES PTY LTD Laboratory : Environmental Division Brisbane

Contact : DAVID YONGE : Customer Services

Address : P O BOX 6989 Address : 2 Byth Street Stafford QLD Australia 4053

WETHERILL PARK NSW, AUSTRALIA 2164

Telephone : +61 02 9756 2166 Telephone : +61 7 3243 7222
Facsimile : +61 02 9756 1137 Facsimile : +61 7 3243 7218

Project : 19305 3376C OC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement

Sito :--

C-O-C number : P19305 - COC1 Date Samples Received : 04-SEP-2013

Sampler :-- Issue Date : 10-SEP-2013
Order number : 10371

No. of samples received ; 1

Quote number : EN/025/13 No. of samples analysed : 1

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits



NATA Accredited Laboratory 825

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category	
Kim McCabe	Senior Inorganic Chemist	Brisbane Inorganics	
Matt Frost	Senior Organic Chemist	Brisbane Inorganics	
Matt Frost	Senior Organic Chemist	Brisbane Organics	
Matt Frost	Senior Organic Chemist	Brisbane Organics	

Account 2 Byth Street Stafford Cl.D Australia 4253 Product +61-7-3243 7222 Pacatinia +61-7-3243 7218 Environmental Division Bristone AUIII 64 009 935 029 Part of the ALS Group An ALS Linked Company

Emplronmental 🛴

Page : 2 of 8 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key: Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot.

CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

RPD = Relative Percentage Difference

= indicates failed QC

Page : 3 of 8 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C

ALS

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR:-No Limit; Result between 10 and 20 times LOR:-0% - 50%; Result > 20 times LOR:-0% - 20%.

ub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Cilent sample ID	Method: Compound	CAS Mumber	LOR	Linit	Original Result	Duplicate Result	RPO (NG)	Recovery Limits (1
THE RESERVE THE PARTY OF THE PA	ontent (QC Lot: 3046161	The state of the s					MODIFICATION OF THE PARTY OF TH		The state of the s
EB1321439-003	Anonymous	EA055-103: Moisture Content (dried @ 103°C)	-	1.0	%	11.4	11.3	0.9	0% - 50%
B1321563-011	Anonymous	EA055-103: Moisture Content (dried @ 103°C)		1.0	%	26.6	25.7	3.4	0% - 20%
G005T: Total Meta	is by ICP-AES (QC Lot								1 1000000000000000000000000000000000000
B1321439-001	Anonymous	EG005T; Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
	\$4500 * 84000	EG005T: Chromium	7440-47-3	2	mg/kg	8	9	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	<5	<5	0.0	No Limit
		EG00ST: Lead	7439-92-1	5	mg/kg	7	9	26.0	No Limit
		EG005T: Zinc	7440-88-8	5	mg/kg	10	12	13.3	No Limit
B1321558-015	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.9 3.4 0.0 0.0 0.0 0.0 0.0 0.0 26.0	No Limit
H200H557850690 19575786577	EG005T: Chromium	7440-47-3	2	mg/kg	6	6	0.0	No Limit	
		EG005T: Nickel	7440-02-0	2	mg/kg	2	3	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
	EG005T: Copper 7440-50-8 5 mg/kg 5	45	0.0	No Limit					
		EG005T: Load	7439-92-1	5	mg/kg	6	7	0.0 17.9 0.0	No Limit
		EG005T: Zino	7440-65-6	5	mg/kg	8	8	0.0	No Limit
G035T: Total Rec	overable Mercury by FII	MS (QC Let: 3045889)							
B1321439-001	Anonymous	EG035T: Moroury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
B1321558-015	Anonymous	EG035T; Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
P075(SIM)B: Polys	nuclear Aromatic Hydro	carbons (QC Lot: 3045773)	the state and the	10000			1000	11000	
B1321362-001	Anonymous	EP075(SiM): Naphthalene	91-20-3	0.6	mg/kg	<0.5	<0.8	0.0	No Limit
		EP075(SIM): Apenaphthylene	208-95-8	0.5	mg/kg	<0.5	<0.5		No Limit
		EP075(SIM); Aconsphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5		No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.6	mg/kg	<0.6	<0.6	0.0	No Limit
		EP075(SIM): Pyrane	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(s)anthracene	58-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP076(SIM): Benzo(b)fluoranthene	205-99-2	0.6	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.6	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)enthrasene	53-70-3	0.5	mgArg	<0.5	<0.5	0.0	No Limit

Page : 4 of 8 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD



kub-Matrix: SOIL						Laboratory	Duplicate (DUP) Report	L.	
Laboratory sample ID	Cilent sample ID	Mathed: Corpound	CAS Number	LOR	Unit	Original Result	Dupficate Fluxuit	INPO (NO	Recovery Limits (%
P075(SIM)B: Poly	nuclear Aromatic Hydro	carbons (QC Lot: 3045773) - continued							
EB1321362-001	Anonymous	EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
	- 13	EP075(SIM): Benzo(a)pyrene TEQ (zero)		0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Po	etroleum Hydrocarbons	(QC Lot: 3845770)							
EB1321362-001	Anonymous	EP080: O6 - C9 Fraction	-	10	mg/kg	<10	<10	0.0	No Limit
EB1321559-002	Anonymous	EP080: O6 - C9 Fraction	-	10	mg/kg	<10	<10	0.0	No Limit
P080/071: Total Po	atroleum Hydrocarbons	(QC Lot: 3845772)					00		11
EB1321362-001	Anonymous	EP071: C15 - C28 Fraction	-	100	mg/kg	<100	<100	0.0	No Limit
	2	EP071: C29 - C36 Fraction	_	100	mg/kg	110	120	16.1	No Limit
		EP071; C10 - C14 Fraction	_	50	mg/kg	<50	<50	0.0	No Limit
EB1321559-003	Anonymous	EP071: C15 - C28 Fraction		100	mg/kg	140	140	0.0	No Limit
	50008403/6	EP071: C29 - C36 Fraction	-	100	mg/kg	<100	≺100	0.0	No Limit
		EP071: C10 - C14 Fraction	-	50	mg/kg	<50	<50	0.0	No Limit
EP880/071: Total R	ecoverable Hydrocarbo	ns - NEPM 2013 (QC Lot: 3045770)	1		1		1/4	11	10
EB1321362-001	Angnymous	EP080: O8 - C10 Fraction	C6_C10	10	mg/kg	≺10	≺10	0.0	No Limit
EB1321559-002	Anonymous	EP080: C6 - C10 Fraction	C8_C10	10	mg/kg	<10	<10	0.0	No Limit
P980/071: Total R	ecoverable Hydrocarbo	ns - NEPM 2013 (QC Lot: 3045772)					1 1000		
EB1321382-001	Anonymous	EP071; >C18 - C34 Fraction	-	100	mg/kg	130	150	16.8	No Limit
	50000000	EP071: >C34 - C40 Fraction		100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	>C10_C16	50	mg/kg	<50	<60	0.0	No Limit
EB1321559-003	Anonymous	EP071: >C18 - C34 Fraction	_	100	mg/kg	120	120	0.0	No Limit
		EP071; >C34 - C40 Frection		100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	>C10_C16	50	mg/kg	<50	<50	0.0	No Limit
EP080: BTEXN (QC	Lot: 3045770)								
EB1321362-001	Anonymous	EP080: Benzane	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
	27.00	EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080; Ethylbenzene	100-41-4	0.5	mg/kg	⊲0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
			106-42-3		1.000				13040-030
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EB1321559-002	Anonymous	EP080: Benzana	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
	DAD AND DATE:	EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0,5	0,0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit

Page : 5 of 8 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C



Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with larget analytics. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

ub-Matrix: SOIL			Method Blank (MIII)	Laboratory Control Spike (LCS) Report				
				Raport	Spile	Spille Recovery (%)	Recovery	Limits (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005T: Total Metals by ICP-AES (QCLot: 304)	(888)							
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	21.7 mg/kg	103	84	124
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	4.64 mg/kg	103	88	118
EG005T: Chromium	7440-47-3	2	mg/kg	<2	43.9 mg/kg	89.7	73	127
EG005T: Copper	7440-50-8	5	mg/kg	<5	32.0 mg/kg	108	86	122
EG005T: Lead	7439-92-1	5	mg/kg	<5	40.0 mg/kg	98.3	84	121
EG005T: Nickel	7440-02-0	2	mg/kg	<2	55.0 mg/kg	102	89	126
EG005T: Zinc	7440-66-6	5	mg/kg	<5	60.8 mg/kg	104	-87	127
EG035T: Total Recoverable Mercury by FIMS (QCLot: 3045889)							112
EG035T: Mercury	7439-97-6	0.10	mg/kg	<0.1	2.57 mg/kg	92.9	78	114
EP075(SIM)B: Polynuclear Aromatic Hydrocarb	ons (QCLot: 3845773)		III. Wanted	3000	217-23-27-20-20-20-20-20-20-20-20-20-20-20-20-20-			100
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	5.0 mg/kg	79.1	71	119
EP075(SIM): Acenephthylene	208-96-8	0.5	mg/kg	<0.5	5.0 mg/kg	84.1	67	118
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	5.0 mg/kg	101	83	121
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.6	5.0 mg/kg	102	76	116
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	5.0 mg/kg	104	72	117
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	5.0 mg/kg	113	70	115
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	5.0 mg/kg	113	- 69	116
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	5.0 mg/kg	111	69	134
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	5.0 mg/kg	96.4	61	120
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	5.0 mg/kg	118	62	119
EP075(SIM): Benzo(b)fluorenthene	205-99-2	0.5	mgAcg	<0.5	5.0 mg/kg	78.0	49	129
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	5.0 mg/kg	110	64	129
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	5.0 mg/kg	112	65	121
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	5.0 mg/kg	94.8	51	135
EP075(SIM): Dibenz(a.h)anthrecene	53-70-3	0.5	mg/kg	<0.5	5.0 mg/kg	89.8	45	134
EP075(SIM): Benzo(g.h.l)perylene	191-24-2	0.5	mg/kg	<0.5	5.0 mg/kg	106	53	133
EP686/071: Total Petroleum Hydrocarbons (QC	Lot 3045770)							
EP080: C6 - C9 Fraction	-77-1-1	10	mg/kg	<10	16 mg/kg	90.5	66	124
EP686/071: Total Petroleum Hydrocarbons (QC	Lot 3045772)							
EP071: C10 - C14 Fraction		50	mg/kg	<50	312 mg/kg	87.1	84	117
EP071: C15 - C28 Fraction		100	mg/kg	<100	500 mg/kg	88.0	80	118
EP071: C29 - C36 Fraction		100	mg/kg	<100	_	-	72-	
EP089/071: Total Recoverable Hydrocarbons - P	NEPM 2013 (QCLot: 3045770)						
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	18.5 mg/kg	89.1	66	126

Page : 6 of 8 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project ± 19305 3376C



Sub-Matrix: SOIL				Method Black (MB)	Laboratory Control Spike (LCS) Report				
	24.25.00.00	0.000	7.1	Report	Spike	Spike Recovery (%)	Recovery Litelite (%)		
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High	
EP088/071: Total Recoverable Hydrocarbons - NEP	M 2013 (QCLot: 3045772				20000000	10000	200	and the same	
EP071: >C10 - C16 Fraction	>C10_C18	50	mg/kg	<50	413 mg/kg	89.7	96	117	
EP071: >C16 - C34 Fraction		100	mg/kg	<100	360 mg/kg	88.0	72	113	
EP071: >C34 - C40 Fraction		100	mg/kg	<100	-	-	:		
EP080: BTEXN (QCLot: 3045770)									
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	83.2	73	108	
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	84.0	73	111	
EP080: Ethylberizene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	85.7	67	110	
EP080: meta- & para-Xylene	108-38-3	0.5	mg/kg	<0.5	2 mg/kg	82.5	88	112	
	106-42-3	1907-0	And the State of t		THOU ATTOM				
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	87.6	68	110	
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	89.0	72	115	

Matrix Spike (MS) Report

The quality control term Metrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix affects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQCs), ideal recovery ranges stated may be waived in the event of sample matrix interference.

ub-Matrix: SON.					Maintx Spiles (MS) Report					
	DOMESTIC STATE OF THE PROPERTY					Recovery Limits (%)				
aboretory semple 50	Client semple ID	Method: Compound	GAS Number	Concentration	MS	Low	High			
EG005T: Total Me	als by ICP-AES (QCLot: 3045888)									
EB1321439-002	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	91.7	70	130			
	Dec neovaziest.	EG008T: Cadmium	7440-43-9	25 mg/kg	101	70	130			
		EG005T: Chromium	7440-47-3	50 mg/kg	100	70	130			
		EG005T: Copper	7440-50-8	50 mg/kg	103	70	130			
		EG005T: Lead	7439-92-1	50 mg/kg	95.4	70	130			
		EG005T: Nickel	7440-02-0	50 mg/kg	101	70	130			
		EG005T: Zinc	7440-66-6	50 mg/kg	103	70	130			
EG035T: Total Re	coverable Mercury by FIMS (QCLat: 304	(5889)								
EB1321439-002	Anonymous	EG035T: Mercury	7439-97-6	5.0 mg/kg	96.0	70	130			
EP075(SIM)8: Poly	nuclear Aromatic Hydrocarbona (QCLo	e: 3045773)								
EB1321498-001	58	EP075(SIM): Acenaphthene	83-32-9	2.5 mg/kg	112	70	130			
		EP075(SIM): Pyrene	129-00-0	2.5 mg/kg	106	70	130			
EP980/071: Total I	etroleum Hydrocarbons (QCLot: 36457	70)								
EB1321439-001	Anonymous	EP080: C6 - C9 Fraction		8 mg/kg	73.6	70	130			
EP080/071: Total I	Petroleum Hydrocarbons (QCLot: 38457	72)			40					
EB1321439-001	Anonymous	EP071: C10 - C14 Fraction	_	312 mg/kg	89.6	70	130			
	200 35000	EP071: C15 - C28 Fraction	-	500 mg/kg	91.2	70	130			

Page : 7 of 8 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Sub-Matrix: SOIL	&-Martino SOIL					Metrix Spike (MS) Report					
		Spike	SpliteRecovery(%)	Recovery Limite (%)							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High				
EP080/071: Total	Recoverable Hydrocarbons - NEPM 2	2013 (QCLot: 3045770)									
EB1321439-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	8 mg/kg	76.1	70	130				
EP980/071: Total	Recoverable Hydrocarbons - NEPM 2	2013 (QCLot: 3045772)			Wi						
EB1321439-001	Anonymous	EP071: >C10 - C16 Fraction	>C10_C16	413 mg/kg	92.3	70	130				
Employees a constant		EP071: >C16 - C34 Fraction	-	380 mg/kg	88.5	70	130				
EP080: BTEXN (QCLot: 3045770)										
EB1321439-001	Anonymous	EP080; Benzene	71-43-2	2 mg/kg	72.3	70	130				
		EP080: Toluene	108-88-3	2 mg/kg	70.0	70	130				

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

The quality control form Matrix Spike (MS) and Matrix Spike Duplicate (MSD) refers to intralaboratory spit samples apiked with a representative set of target analytes. The purpose of these QC parameters are to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs), ideal recovery ranges stated may be weived in the event of sample matrix interference.

Sub-Matrix: SOIL					Matrix Spike (F	68) and Matrix S	pike Duplicate	(MSD) Report	t	
and the second s				Spike	Spike Spike Recovery (%)		Recovery Limits (%)		RPD» (N)	
Leboratory sample ID Blent sample ID Method: Compound		Method: Compound	CAS Number	Concentration	MS	MSD	Low	High	Value	Control Limit
EP080/071: Total P	etroleum Hydrocarbons (QC	Lot: 3045770)		V 45 45	1000		Up - 400	r river to		
EB1321439-001	Anonymous	EP080: C6 - C9 Fraction		8 mg/kg	73.6	100	70	130	-	-
EP080/071: Total F	Recoverable Hydrocarbons - 1	NEPM 2013 (QCLpt: 3045770)								
EB1321439-001	Anonymous	EP080: C8 - C10 Fraction	C8_C10	8 mg/kg	76.1	-	70	130	1000	1999
EP880: BTEXN (Q	CLot: 3045770)									
EB1321459-001 Anonymous EP080: Berzene		71-43-2	2 mg/kg	72.3		70	130	-		
		EP080: Toluene	108-88-3	2 mg/kg	70.0	1223	70	130		122
EP080/071: Total P	etroleum Hydrocarbons (QC	Lot: 3045772)								
EB1321439-001	Anonymous	EP071: C10 - C14 Fraction		312 mg/kg	89.6	-	70	130	-	-
	Page (Sept.)	EP071: C15 - C28 Fraction	_	500 mg/kg	91.2	-	70	130		-
EP080/071: Total R	Recoverable Hydrocarbons -)	NEPM 2013 (QCLot: 3045772)								100
THE RESIDENCE AND PERSONS ASSESSED.	Anonymous	EP071: >C10 - C16 Fraction	>C10_C16	413 mg/kg	92.3	-	70	130	-	-
		EP071: >C16 - C34 Fraction		360 mg/kg	88.5	-	70	130	-	-
EP075(SIM)B: Poly	muclear Aromatic Hydrocarb	ons (QCLot: 3045773)								
EB1321498-001	S8	EP075(SIM): Acenaphthene	83-32-9	2.5 mg/kg	112	-	70	130	_	-
	CC 13	EP075(SIM): Pyrene	129-00-0	2.5 mg/kg	105	-	70	130	-	-
EG005T: Total Met	als by ICP-AES (QCLot: 3045	3888)								
EB1321439-002	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	91.7	300	70	130	-	(1772)
		EG005T: Cadmium	7440-43-9	25 mg/kg	101		70	130	_	-
		EG005T: Chromium	7440-47-3	50 mg/kg	100		70	130	-	-
		EG005T: Copper	7440-50-8	50 mg/kg	103		70	130	-	-
	1	EG005T: Lead	7439-92-1	50 mg/kg	95.4		70	130	_	220

Page 2 8 of 8 Work Order 2 EB1321498

Client SMEC TESTING SERVICES PTY LTD



ub-Matrix: SOIL			Metrix Spike (MS) and Matrix Spike Duplicate (MSD) Report							
VOLVE CATALOG			Spike	Spike Recovery (%)		Recovery Limits (%)		RPO+ (N)		
aboratory sample ID Client sample ID Method: Compound		CAS Number	Concentration	MS	MSD	Low	Migh	Velue	Control Limit	
EG005T: Total Met	als by ICP-AES (QCLot: 304)	5888) - continued								
EB1321439-002	Anonymous	EG005T: Nickel	7440-02-0	50 mg/kg	101		70	130		
		EG005T: Zinc	7440-66-6	50 mg/kg	103	, C. S. T. C.	70	130	-	1000
EG035T: Total Re	coverable Mercury by FIMS (QCLot: 3045889)								
EB1321439-002	Anonymous	EG035T; Mercury	7439-97-6	5.0 mg/kg	95.0	1	70	130		1 3 100 1





Environmental Division

INTERPRETIVE QUALITY CONTROL REPORT

:EB1321498 Work Order Page : 1 of 5 Client SMEC TESTING SERVICES PTY LTD Laboratory : Environmental Division Brisbane Contact : DAVID YONGE Contact : Customer Services Address Address 2 Byth Street Stafford QLD Australia 4053 P O BOX 6989 WETHERILL PARK NSW, AUSTRALIA 2164 E-mail E-mail : dyonge@smectesting.com.au : Brisbane.Erwiro.Services@alsglobal.com : +61 02 9756 2166 Telephone Telephone : +61 7 3243 7222 +61 02 9756 1137 Facsimile : +61 7 3243 7218 Facsimile Project : 19305 3376C QC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement Site C-O-C number : P19305 - COC1 Date Samples Received : 04-SEP-2013 Sampler Insue Date : 10-SEP-2013 Order number : 10371 No. of samples received : 1 Oxote number : EN/025/13 No. of samples analysed : 1

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release,

This Interpretive Quality Control Report contains the following information:

- Analysis Holding Time Compliance
- Quality Control Parameter Frequency Compliance
- Brief Method Summaries
- Summery of Outliers

Page : 2 of 5 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with recommended holding times (USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and proclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachste methods (e.g. TCLP) very according to the analysis reported. Assessment compares the leach date with the shortest analysis holding time for the equivalent soil method. These are: organics 14 days, mercury 26 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for VOC in solls vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Metric: SOIL	and the same of th	200	Version of the second	Evaluation	* = Holding time	breach; ✓ = Within	holding tir	
Method	Sample Date	Extraction / Preparation			Anatysta			
Cootabuer / Client Sample (D(s)		Date satracted	Due for extraction	Evaluation	Dete analysed	Due for analysis	Eveluation	
EA955: Meisture Content							111	
ioli Glass Jar - Unpreserved (EA055-103) 38	26-AUG-2013	-	_		05-SEP-2013	11-SEP-2013	1	
EG005T: Total Metals by ICP-AES							4400	
ioli Glass Jar - Unpreserved (EG095T) S8	28-AUG-2013	09-SEP-2013	24-FEB-2014	1	09-SEP-2013	24-FEB-2014	1	
EG035T: Total Recoverable Mercury by FIMS								
ioli Glass Jar - Unpreserved (EG035T) 38	26-AUG-2013	09-8EP-2013	25-SEP-2013	1	09-SEP-2013	25-SEP-2013	1	
EP080/071: Total Petroleum Hydrocarbons					11-000-00-00-00-00-00-00-00-00-00-00-00-			
oil Glass Jar - Unpreserved (EP071) S8	28-AUG-2013	06-SEP-2013	11-SEP-2013	1	06-SEP-2013	16-OCT-2013	1	
EP075(SIM)B: Polynuciear Aromatic Hydrocarbons								
ioli Glass Jar - Unpreserved (EP075(SIM)) S8	28-AUG-2013	06-SEP-2013	11-SEP-2013	1	06-SEP-2013	16-OCT-2013	1	
EPOBO: BTEXN								
ioli Glass Jer - Unpreserved (EP080) S8	28-AUG-2013	05-SEP-2013	11-SEP-2013	1	06-SEP-2013	11-SEP-2013	1	
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013								
oil Glass Jar - Unpreserved (EP080) S8	28-AUG-2013	05-8EP-2013	11-SEP-2013	1	06-SEP-2013	11-SEP-2013	1	

Page : 3 of 5 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Quality Control Parameter Frequency Compliance

The following report aummarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was (where) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

the expected rate. A listing of breaches is provided in the Summary of Outliers.

Name 2011

Matrix: SOIL				CAMPITIO	The second second second second	re-or endomitry	not within specification; < = Quality Control frequency within spec	
Quelity Control Sample Type	11.0.7		Count		Rate (%)	Production .	Quality Control Specification	
Analytical Methods	Method	OC.	Regular	Actual	Expected	Evaluation		
Leboratory Duplicates (DUP)								
Moisture Content	EA055-103	2	19	10.5	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
PAH/Phenois (SIM)	EP075(SIM)	1	3	33.3	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Total Mercury by FIMS	EG035T	2	20	10.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Total Metals by ICP-AES	EG005T	2	20	10.0	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH - Semivolatile Fraction	EP071	2	16	12.5	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH Volaties/BTEX	EP080	2	17	11.8	10.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Laboratory Control Samples (LCS)								
PAH/Phenoia (SIM)	EP075(SIM)	1	3	33.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Total Mercury by FIMS	EG035T	1	20	5.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Total Metals by ICP-AES	EG005T	1	20	5.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH - Semivoletile Fraction	EP071	- 1	16	6.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH Volatiles/BTEX	EP080	1	17	5,9	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Method Blanks (MB)	All 90,000.00							
PAH/Phenois (SIM)	EP075(SIM)	1	3	33.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Total Mercury by FIMS	EG035T	1	20	5.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Total Metals by ICP-AES	EG005T	1	20	5.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH - Semivolatile Fraction	EP071	1	16	6.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH Volatiles/BTEX	EP080	1	17	5.9	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
Metrix Spikes (MS)								
PAH/Phenois (SIM)	EP076(SIM)	1	3	33.3	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement.	
Total Mercury by FIMS	EG035T	818	20	5.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement.	
Total Metals by ICP-AES	EG006T	1	20	5.0	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH - Semivolatile Fraction	EP071	11	16	6.3	5.0	4	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	
TPH Volatiles/BTEX	EP080	1.	17	5.9	5.0	1	NEPM 2013 Schedule B(3) and ALS QCS3 requirement	

Page : 4 of 5 Work Order : EB1321496

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APNA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055-103	SOIL	A gravimetric procedure based on weight loss over a 12 hour drying period at 103-105 degrees C. This method is compliant with NEPM (2013) Schedule B(3) Section 7.1 and Table 1 (14 day holding time).
Total Metals by ICP-AES	EG005T	SOIL	(APHA 21st ed., 3120; USEPA SW 846 - 6010) (ICPAES) Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM (2013) Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	AS 3550, APHA 21st ed., 3112 Hg - B (Flow-injection (SnCl2)(Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM (2013) Schedule B(3)
TPH - Semivolatile Fraction	EP071	SOIL	(USEPA SW 846 - 8015A) Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C36. This method is compliant with NEPM (2013) Schedule B(3) (Method 506.1)
PAH/Phenois (SIM)	EP075/SIM)	SOIL	(USEPA SW 846 - 8270B) Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM (2013) Schedule B(3) (Method 502 and 507)
TPH Volatiles/BTEX	EP080	SOL	(USEPA SW 846 - 8260B) Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM (2013) Schedule B(3) (Method 501)
Preparation Malhoda	Method	Matrix	Method Descriptions
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	(USEPA SW 846 - 5030A) 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids (Option B - Non-concentrating)	ORG17B	SOL	In-house, Mechanical agitation (tumbler), 10g of sample, Na2SO4 and surrogate are extracted with 20mL 1:1 DCM/Acetone by end over end tumble. The solvent is transferred directly to a GC vial for analysis.

Page : 5 of 5 Work Order : EB1321498

Client SMEC TESTING SERVICES PTY LTD

Project : 19305 3376C



Summary of Outliers

Outliers: Quality Control Samples

The following report highlights outliers flagged in the Quality Control (QC) Report, Surrogate recovery limits are static and based on USEPA SW848 or ALS-QW/EN/36 (in the absence of specific USEPA limits). This report displays QC Outliers (breaches) only.

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

- · For all matrices, no Method Blank value outliers occur.
- For all matrices, no Duplicate outliers occur.
- · For all matrices, no Laboratory Control outliers occur.
- For all matrices, no Matrix Spike outliers occur.

Regular Sample Surrogates

For all regular sample matrices, no surrogate recovery outliers occur.

Outliers: Analysis Holding Time Compliance

This report displays Holding Time breaches only, Only the respective Extraction / Preparation and/or Analysis component is/are displayed.

No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

The following report highlights breaches in the Frequency of Quality Control Samples.

No Quality Control Sample Frequency Outliers exist.