VANTAGE
ENVIRONMENTAL MANAGEMENT
Professional solutions for your project

ENVIRONMENTAL SITE ASSESSMENT

335 RUTHERFORD ROAD
TOOLAMBA VICTORIA

Herdstown Pty Ltd

Date of Issue: 05 August 2010
Job Reference: AL10-093

Project Manager: _____
Toby Hobbs – Principal

Report No.: AL10-093-1B

Vantage Environmental Management Pty Ltd
ABN 23 788 173 912 **Telephone** (02) 6021 8655 **Facsimile** (02) 6021 8666
4/539-541 Kiewa Street Albury NSW 2640 PO Box 378 Albury NSW 2640 **www.venv.com.au**

TABLE OF CONTENTS

FIGURES

ANALYTICAL RESULTS SUMMARY TABLES

APPENDICES

1 INTRODUCTION

This report presents the findings of a limited environmental site assessment (ESA) completed by Vantage Environmental Management Pty Ltd (Vantage) at a site located at 335 Rutherford Road in Toolamba, Victoria.

The assessment was conducted to satisfy the requirements of the Greater Shepparton City Council (GSCC) for completion of a site assessment to establish the following:

1. The nature of the previous land use or activities on the site; and
2. The nature, concentrations and distribution of potential contaminants present at the site.

As such, this current assessment was conducted to provide GSCC with sufficient information to assess the suitability of the site for its intended future use as a residential subdivision.

The ESA was commissioned by Chris Smith & Associates, on behalf of Mr Stuart Rea, Director of Herdstown Pty Ltd, the site owner and developer.

1.1 Assessment Scope of Works

The scope of work undertaken during the course of this environmental assessment project included:

- A project visit to view site conditions and the location of potential contamination hot-spots;
- Completion of a desk-top review of the subject site to assess development history and potential sources of contamination associated with the site;
- Completion of an intrusive assessment that included the collection of soil samples at regular intervals across the subject site and at any potential contamination hotspots;
- Analytical testing of soil samples at a NATA-accredited laboratory; and
- Reporting and discussion of analytical results.

2 SITE DESCRIPTION & HISTORY REVIEW

2.1 Location and Site Features

The subject site is located at 335 Rutherford Road in Toolamba, Victoria and covers an area of approximately 70 hectares. The location and aerial view of the site are shown on Figures 1 and 2, respectively and the site features are shown on Figure 3, presented at the end of the report text.

The closest major surface water body is the Goulburn River, which is located directly to the south of the site.

A site visit was conducted by Vantage personnel on 09 July 2010 to view site conditions and document evidence of any potential site contamination issues. A discussion of the observed site features is presented below in Section 2.2 of this report.

Areas of potential environmental concern that were noted during the site visit are discussed in Section 3 of this report.

2.2 Site Observations

A site visit was conducted on 09 July 2010 to view site conditions and document evidence of any potential site contamination issues. Photographs associated with the site visit are presented as Appendix A. During the site visit, observations were also made regarding surrounding land use. Particular attention was paid to the presence of significant structures such as chemical and fuel storage facilities and information was noted regarding on-site waste management practices. Evidence of soil disturbance and/or the placement of fill materials was also documented.

The following site observations were made:

- The site was generally undeveloped (i.e. no significant structures or buildings were present) apart from a small residential type dwelling on the southern portion of the site that was associated with the local fishing club.
- The dwelling on the southern portion of the site was constructed of brick and timber with an associated corrugated iron shed and site fencing.
- A small stockpile (approximately $15m^3$) of demolition waste, including bricks, timber and concrete rubble was noted to the north of the dwelling. Some evidence of burning/incineration was also noted at this location.
- As a whole the site was noted to be generally flat although some localised drainage depressions were noted that exhibited a very gentle downward slope to the south.
- No evidence of significant re-grading/levelling of the site was noted although it was assumed that some minor disturbance of near-surface soils would likely have occurred during the past as the site has been used for production of fodder crops.
- Three (3) farm dams were noted to be present on the subject site. The water quality within the dams did not exhibit any visual evidence of the presence of contaminants or other materials of concern.
- Some stockpiled green-waste (tree limbs, branches and pruning waste) was noted on the north-east portion of the site. The stockpile covered an area of approximately $50m^2$.
- Some trace amounts of debris associated with the storage of old vehicles and possibly some demolition waste were noted to be present on the north-east portion of the site. This debris included metal automotive parts, wire, brick and some ceramic tile fragments. Some evidence of ground disturbance was noted at this location – this disturbance was considered to be associated with the removal of the stored vehicles which reportedly occurred in early 2010.
- The site as a whole was generally covered with recently sown pasture. Mature native trees were present at a sparse density across the central western and southern portion of the site. Mature trees were also present at a medium density on the north-east portion of the site. Vegetation across the site generally appeared to be of reasonable health and vigour with no large areas of vegetative stress or die-back observed at the time of the site visit.
- No evidence was noted of the presence of any aboveground or underground fuel storage tanks during the site visit.
- No evidence of the presence of wastes from adjoining rail lands was observed on the subject site.

- No visual or olfactory evidence of the presence of significant contamination was noted at the site during the site visit.

2.3 Surrounding Land Use

At the time of the site visit, residential properties were noted to be located to the north and upper north-east of the subject. These dwellings were associated with the township of Toolamba which is located to the north of the subject site. Undeveloped rural/agricultural land was noted to the east of the site beyond a rail line and west of the site beyond Rutherford Road. A cleared area exhibiting some soil disturbance and a water tank was noted adjacent to the northern portion of the rail line; it is considered this area was likely used for the historical storage of rail equipment and supplies. The lands to the south of the site were noted be associated with the Goulburn River reserve and were undeveloped apart from the presence of some access tracks.

2.4 Site Geology

A review of regional geological conditions was completed through review of the Geological Survey of Victoria Bendigo 1:250 000 map sheet (Edwards *et al*., 2001). The map indicated that the site is located on the Shepparton Formation, which is a Quaternary fluvial deposit consisting of "prior streams, valley-backfill and floodplain deposits; clay, sand, silt, gravel." The natural soils encountered during the soil investigation program associated with this assessment were considered to be consistent with the geological map.

2.5 Regional Groundwater & Surface Water Review

To estimate the average depth of groundwater at the subject site, a search of water bore records from the Victorian Water Resources Data Warehouse (Department of Sustainability and Environment) was completed. The search indicated that within a radius of approximately 1.5 km of the site there are 11 registered water bores, however, only five (5) of the 11 bores had information pertaining to shallow aquifer depths and these were located to the northeast and northwest of the subject site. Shallow aquifers were recorded in these boreholes at depths varying from 6.0 to 12.7 metres below ground surface; as such, this may give an indication of the depth of groundwater at the subject site. Details of the location of these groundwater bores are included within Appendix B.

Review of the Victorian Water Resources Data Warehouse (Department of Sustainability and Environment) also indicated that the subject site falls within the Murray groundwater basin with an aquifer lithology of sand and gravel with salinity concentrations of generally <1000 mg/l TDS and groundwater yields of greater than 10l/s. Segments of the groundwater environment are defined in the Victorian Government Gazette S160 entitled *State Environmental Protection Policy: Groundwaters of Victoria*. These segments are classified on the basis of the background level of TDS. Based on review of the available information for the site it considered that the groundwater segment for the site would be classified as **A1/A2** as typical TDS concentrations are likely to be less than 1,000 mg/L.

The Goulburn River is located directly to the south of the site and three (3) farm dams are present within the boundaries of the property. An ephemeral drainage channel that appears to flow in a southerly direction toward the Goulburn River was noted to be present on the south-west portion of the subject site.

The likely direction of surface water runoff from the site would be generally to the south in the direction of the Goulburn River. Minor localised variations are present as some re-grading of the site has occurred through time to facilitate agricultural production.

2.6 Victorian EPA Priority Sites Register and Audit Certificates Review

A review of the Victorian Environmental Protection Agency (EPA) Priority Sites Register (PSR) indicated that the subject site is not listed as a priority contaminated site (as of the most recently available list of 01 July 2010). Priority sites are those for which the Victorian EPA has issued a Clean-up Notice pursuant to section 62A or a Pollution Abatement Notice to section 31A or 31B (relevant to land and/or groundwater) of the *Environment Protection Act 1970.* Typically such sites represent a potential risk to human health and/or the environment. A copy of the PSR listing sites within the Greater Shepparton City Council is included within Appendix B.

A review of the Victorian EPA "List of issued certificates and statements of environmental audit" of 01 July 2010 indicated that no sites in the vicinity of the subject site have been subjected to a statutory environmental audit. This list comprises properties for which a certificate or statement of environmental audit has been issued under Part IXD of the *Environment Protection Act 1970* (the Act) since the environmental audit system commenced in 1990. A copy of the list for properties within the Greater Shepparton City Council is included within Appendix B.

2.7 Dangerous Goods Search

A freedom of information request was lodged with WorkSafe Victoria (WorkSafe) to determine if they had any records of dangerous goods being stored at the site. WorkSafe revealed that no dangerous goods records exist for this site as per a letter dated 28 July 2010 which is presented within Appendix B.

2.8 Site Title Description & Ownership

The subject site consists of three parcels identified as Crown Allotments 7, 59 (PT) and 232 (PT) on Certificate of Title Volume 05499 Folio 735 (Lots 4, 5 & 6 respectively on Title Plan 825016W). The registered sole proprietor is listed as Herdstown Pty Ltd.

Copies of the title documents from Land Victoria are presented within Appendix B.

2.9 Review of Council Records

As part of the site history review program, a formal request was submitted to Greater Shepparton City Council (GSCC) to determine whether they had any records relating to previous contamination at the subject site and to verify the current zoning of the site. On 05 August 2010 correspondence was issued by GSCC indicating the following:

- A search of GSCC's planning records back to 1995 did not indicate any potential site contamination issues or records of any remedial works completed at the site;
- The subject land is within the Farming Zone and abuts the Public Use Zone 4, the Public Conservation and Resource Zone and the Township Zone; and
- The subject land is partly affected by the Land Subject to Inundation Overlay, the Floodway Overlay and the Public Acquisition Overlay.

A copy of the correspondence received from GSCC is presented within Appendix B of this report.

2.10 Site Development History

To assist in determining the development history of the subject site, discussions were conducted with individuals familiar with the history of the site. In particular discussions were held with the following individuals:

- The site owner, Mr Stuart Rea;
- An associate of the site owner, Mr Kevin Roberts, who has lived in the Toolamba area since 1980 and was familiar with the development history of the subject site; and
- Personnel from Chris Smith & Associates, the land development consultant working with the site owner to facilitate the future development of the site.

Other relevant information related to the development history of the site, including council records, was also reviewed.

A summary of relevant information obtained from the interview and document review process is noted below.

- The subject site had been owned by Mr Stuart Rea since *circa* 1990; prior to that time the site was owned by Mr Farrings for a period of approximately 10 years. Prior to that time the site was owned by a Melbourne-based individual who had used the site for cropping and beef cattle grazing;
- The site and surrounds had been historically used for agricultural purposes, including fodder production and stock grazing, since *circa* 1940 with no significant site development;
- No underground storage tanks (USTs) were reported to be currently or historically present on the subject site;
- The dwelling on the southern portion of the site was used on an occasional basis by the local fishing club only;
- No heavy vehicle or farm machinery maintenance was reportedly conducted within the boundaries of the subject site;
- There were no known significant environmental issues (such as chemical spills or storage of large quantities of chemicals) at the subject site; and
- Some old vehicles had been temporarily stored on the north-eastern portion of the site. The vehicles were removed in early 2010.

2.11 Historic Aerial Photography Review

A range of historic aerial photographs were reviewed by Vantage personnel to assess the historical land use and development history of the subject site. The review also focused on looking for evidence of larger scale areas of potential environmental issues at the site. Aerial photographs were obtained from the Victorian Department of Sustainability and Environment (DSE) for the years 1949, 1980 and 1991. An aerial photograph of the subject site and surrounding lands taken *circa* 2010 was also viewed via an internet-based search facility.

A summary of observations associated with the subject site are presented within Table 2.11 below and copies of the noted photographs are included within Figures 2, 4, 5 and 6 at the end of the report text.

TABLE 2.11: HISTORIC AERIAL PHOTOGRAPH OBSERVATIONS

Date of Photograph	Subject Site Observations	Surrounding Site Observations
1949	No significant development is noted on this photograph apart from adjacent to the southern property boundary where a residential type dwelling is apparent. Some poorly formed access tracks are present across the broader area of the site – some of these may be associated with grazing stock movement. Some mature to semi-mature trees are evident across the western and north-eastern portion of the site.	The lands directly to the north and north-east of the site are noted to be partially developed with residential-type dwellings associated with the township of Toolamba. A rail line adjacent to the eastern property boundary is present and an area of soil disturbance is present to the west of the rail line near the northeast boundary of the site. This area is considered to be associated with the railway line and may have been used for the storage of rail equipment. Rural lands are noted to the west of the site and forested lands associated with the Goulburn River and floodplain are present to the south of the site.
1980	Generally no change from 1949 although two (2) farm dams appear to have been developed on the site.	No significant change from 1949 although what appears to be a water tank is present on the land between the rail line and northeast portion of the subject site. An increase in the level of development of the township of Toolamba is apparent.
1991	Generally no change from 1980.	Generally no change from 1980 apart from a slight increase in the level of development of the township of Toolamba is apparent.
***circa* 2010**	Generally no change from 1991 apart from the construction of one (1) additional farm dam and the maturation of site vegetation.	Generally no change from 1991 apart from a slight increase in the level of development of the township of Toolamba is apparent.

2.12 Previous Assessment Works

Based on information provided by the Greater Shepparton City Council, site owner and site development consultant, it was reported that no previous environmental assessments had been completed on the subject site.

3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Based on the site history review and site visit completed by Vantage personnel it is considered that the site generally represents only a low environmental risk. A description of the identified areas of

potential environmental concern and associated contaminants of concern (CoCs), are described in Table 3.1 below.

TABLE 3.1: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Areas of Potential Environmental Concern	Summary of potentially contaminating activity	Contaminants of Concern
Broader, undeveloped area of site	Accumulation of agricultural chemicals for weed and pest control	Pesticides & herbicides, heavy metals
Areas where fill may have been placed to assist in levelling/regrading of the site. NB: It is understood that no fill was imported to the site and as such, any filling that occurred would have likely been completed using re-worked site material	Introduction of uncontrolled fill material of unknown quality to the subject site	Broad range including asbestos, pesticides, herbicides, hydrocarbon based fuels/oils, heavy metals, solvents, phenols & creosols, cyanide & PCBs
Burning and demolition waste storage area noted to the north of the on-site dwelling within the southern portion of the site	Areas of site used for the storage and/or burning of garden wastes	Broad range including asbestos, pesticides, herbicides, hydrocarbon based fuels/oils, heavy metals, solvents, phenols & creosols, cyanide & PCBs
Area on the north-east portion of the site where old vehicles were stored and some soil disturbance was noted	Leakages/spills of fuels and lubricants associated with storage of old vehicles	Hydrocarbon based fuels/oils and solvents, heavy metals

4 SUBSURFACE ASSESSMENT METHODOLOGY

4.1 Soil Sampling Rationale

Based on the results of the site history review, a generally low potential for the presence of contamination was identified at the subject site. Further, it was considered that the introduction of potential contaminants to the site would likely have been associated with more diffuse and surficial processes, rather than concentrated (point) sources such as those associated with larger scale chemical and hazardous material storage facilities. As the site history indicated that there had not been extensive development on the site and/or deeper potential contaminant sources, it was also considered that near surface sampling would provide a reasonable indication of contamination potential.

As such, to assess soil quality across the site an intrusive assessment was proposed with an emphasis on the characterisation of the quality of near-surface soil horizons. The assessment involved the completion of a series of shallow boreholes in an approximate grid formation (i.e. “broad-area” sampling) to assess soil quality across the broader areas of the property. In addition, two potential

contaminant "hotspots" areas were assessed. These potential hot-spots were associated with an area of waste storage/burning on the southern portion of the site and an area used for the storage of old vehicle on the north-east portion of the site.

4.2 Soil Sampling Procedures

To assess soil quality at the subject site, a soil sampling program was conducted on 09 July 2010 under the supervision of Vantage personnel. The program involved the collection of 35 soil boreholes (designated BH1 to BH35) with a rotary auger drilling rig. The drilling rig used to complete the assessment program was supplied and operated by Lloyd Angove Soil Surveying and Drilling, a licensed drilling organisation based in Finley, NSW.

The site sampling locations are shown on the Site Features & Sample Location Plan (Figure 3), presented at the end of the report text. The boreholes were completed to a depth of 0.6m below grade with samples collected from near surface and at 0.5m depth. Upon collection, soil samples were immediately placed into uniquely labelled sample containers supplied by the nominated analytical laboratory.

During completion of the sampling program observations regarding soil type, visible discolouration and odours (or other indicators of potential contamination), along with sample collection details, were recorded and are presented within the environmental borehole logs in Appendix C.

4.3 Laboratory Analysis Program

Based on the field observations and the location of sampling points, selected soil samples were submitted for laboratory analysis.

A total of 50 individual soil samples (and four (4) additional duplicate samples for quality control purposes) were submitted for laboratory analysis as part of this assessment. The laboratory analysis schedule is noted below:

- All 50 discrete soil samples were analysed to determine heavy metal (including arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc) concentrations;
- 45 discrete soil samples were analysed to determine organochlorine pesticide (OCP) concentrations;
- 21 discrete soil samples were analysed to determine total petroleum hydrocarbon (TPH) and benzene, toluene, ethylbenzene and xylene (BTEX) concentrations;
- 20 discrete soil samples were analysed to determine organophosphorous pesticide (OPP) concentrations;
- Six (6) discrete sample was analysed to determine the concentrations of a broad range of potential contaminants including polycyclic aromatic hydrocarbon (PAH), chlorinated hydrocarbon, polychlorinated biphenyl (PCB) and cyanide; and
- Two (2) discrete samples were analysed to determine for the presence of asbestos.

All samples were uniquely labelled and retained within appropriate containers as supplied by the primary analytical laboratory. Prior to shipment the samples were packed in an ice-chilled cooler ('esky') and submitted via courier under chain-of-custody conditions to the NATA-accredited laboratories of mgt Environmental Consultants located in Oakleigh, Victoria.

Two (2) duplicate samples were submitted to the NATA-accredited laboratories of ALS Laboratory Group of Scoresby, Victoria for inter-laboratory comparison purposes.

Chain of custody documentation was included with the samples and tamper-proof custody seals were utilised on the eskies. A copy of the chain-of-custody and laboratory sample receipt information is contained with Appendix D of this report.

5 SUBSURFACE ASSESSMENT RESULTS

5.1 Subsurface Conditions

Detailed information regarding the sub-surface profile observed during the assessment is contained within the borehole logs presented within Appendix C of this report. In summary, the encountered stratigraphy consisted of sandy silt with organic material (top-soil, grass and rootles) overlying a sandy silt to silt material. Soils were generally moist with some saturated near surface horizons present within those areas of the site adjacent to, or within, the lower lying areas of the site.

Groundwater was not observed within any of the borehole excavations.

5.2 Regulatory Framework

To assess site contamination potential based on the results of laboratory analysis program, analytical results were compared with the land-use criteria defined in the National Environment Protection (Assessment of Site Contamination) Measure (NEPM) (1999). The exposure setting defined in the NEPM as Health Investigation Level (HIL) Column "A" – residential land use scenario was considered to be consistent with the proposed future use of the site.

HILs are not provided for all potential contaminants, specifically some related to hydrocarbon products, and as such assessment results have also been compared to reference criteria presented in the NSW EPA *Guidelines for Assessing Service Station Guidelines* (GASS). The service station guidelines were developed for 'sensitive' land use and are generally relevant in all Australian states, not just New South Wales.

The potential use of United States Environmental Protection Authority (USEPA) Preliminary Remediation Goals (PRGs) as regulatory comparison criteria was also considered. The PRGs offer screening levels for chemical contaminants including organic pesticides, which are not considered within the NEPM. However, the use of the PRGs has not been adopted for this assessment as all analysed organochlorine and organophosphorous pesticide parameters were less than laboratory detection limits and less than the above-noted HILs.

5.3 Beneficial Uses

5.3.1 Soil

EPA Victoria State Environmental Protection Policy (SEPP) Publication No. 854 entitled *Prevention and Management of Contamination of Land* details the range of beneficial land uses to be protected dependant on the proposed end use of a given site. EPA Victoria documentation specifies that by calling upon and integrating national and State statutory instruments and agreements that are associated with the protection of the land environment, the SEPP provides the legal framework for preventing and managing land contamination in Victoria.

In Victoria the environmental assessment process recommends that all beneficial uses are assessed and as such it is deemed that the site contamination "indicators" and "objectives" as shown on Table 5.1 for the applicable beneficial land uses would apply at the subject site (i.e. a proposed "residential" development).

TABLE 5.1: Summary of Beneficial Land Use, Indicators of Contamination and Objectives (SEPP 2002)

Beneficial Use	Indicators of Contamination	Objectives
Human Health	Chemical substances or waste identified in NEPM Schedule B (2) Appendix 1	Indicator to be less than health risk-based HIL (Column A) or other appropriately derived risk based criteria or levels (as approved by EPA Victoria)
Buildings & Structures	pH, sulphate, redox potential, salinity or any potentially detrimental chemical substance or waste	Contamination must not cause the land to be corrosive to or adversely affect the integrity of structures or building materials
Aesthetics	Offensive substances (visual and/or olfactory)	Contamination not to cause the land to be offensive to the senses of human beings

5.3.2 Groundwater

The EPA Victoria SEPP entitled *Groundwaters of Victoria* lists the protected beneficial uses of groundwater in Victoria and the relevant content of the SEPP was considered as part of this assessment project. It is, however, noted that groundwater quality was not investigated at the subject site because it was considered unlikely that groundwater was contaminated.

Segments of the groundwater environment are defined in the SEPP on the basis of the background level of TDS. Review of the Victorian Department of Primary Industries (DPI) Groundwater Resources Map indicates that the site falls within an area where typical TDS values are less than <1,000 mg/L and high groundwater yields suitable for irrigation and town supply are present. Based on review of the available information for the site it considered that the groundwater segment for the site would be classified as **A1/A2** as typical TDS concentrations are likely to be less than 1,000 mg/L. As such protected beneficial uses of groundwater for the subject site are considered to include:

- Maintenance of Ecosystems;
- Potable water supply;
- Potable mineral water supply;
- Agriculture, parks and gardens;
- Stock watering;
- Industrial water use;
- Primary contact recreation; and
- Buildings and Structures.

5.4 Soil Analytical Results

Soil analytical results, along with the applicable site contamination criteria, are presented within the analytical summary tables following the text of this report. Copies of the Certificates of Analysis provided by the primary NATA accredited analytical laboratory (mgt Environmental) are included within Appendix E.

The results of analysis indicated that the concentration of all analysed parameters within the soil samples submitted for laboratory analysis exhibited contaminant concentrations at less than the nominated health-based contamination criteria for the site (NEPM Column 'A' Health Investigation Levels [HILs] for sensitive sites and the NSW EPA *Guidelines for Assessing Service Station Sites*).

No asbestos was present in any of the analysed soil samples.

6 PROJECT QUALITY CONTROL

An important part of this project included the implementation of a range of quality assurance/quality control (QA/QC) procedures. The QA/QC program adopted for this project was consistent with industry accepted practices for completing environmental assessment projects and included:

- Adherence to industry accepted sampling practices inclusive of field decontamination procedures;
- Analysis of two (2) intra-laboratory and two (2) inter-laboratory blind-duplicate samples;
- Analysis of one (1) wash-blank, one (1) trip-blank and one (1) trip-spike sample; and
- Review of the internal QA/QC program completed during the analysis program by the primary and secondary analytical laboratories.

Based on the results of the QA/QC program it is considered that QA/QC results are acceptable and the analysis data presented is reliable and consistent with the requirements of this assessment program. Further details regarding the QA/QC program for this project are presented below, within the analytical summary tables presented at the end of this report text and within the NATA-accredited laboratory analysis reports contained within Appendix E.

6.1 Field Based Quality Assurance & Quality Control

Industry accepted field sampling protocols were used during this assessment which included:

- Decontamination of sampling equipment; and
- Laboratory analysis of "blind" duplicate samples at a rate of at least one (1) duplicate sample per ten (10) primary samples with 50% of duplicate samples analysed as intra-lab duplicates and 50% of samples analysed as inter-lab duplicate samples.

Field Sampling

All samples were collected from the drilling rig with a decontaminated hand-trowel and then directly transferred to individual, uniquely labelled, single use containers as supplied by the primary analytical laboratory (mgt Environmental). Decontamination of sampling equipment was completed prior to the

collection of each sample and included the removal of loose materials from sampling tools, scrubbing of sampling tools in a cleaning solution, rinsing with potable water and final rinsing with deionised water.

All sample containers were stored in ice-chilled eskies prior to transfer to the analytical laboratory within the approved sample hold time. Each sample was labelled with a unique identification code and four (4) duplicate soil samples were labelled as "blind" duplicates for subsequent duplicate pair analysis to enable intra-laboratory (primary laboratory) and inter-laboratory (secondary laboratory) comparison of results.

To validate the blind-duplicate data from the intra-laboratory and inter-laboratory analysis programs the relative percentage differences (RPDs) from the mean values were calculated. Specifically, the difference between the sample's results divided by the average of the results was calculated and expressed as a percentage. A value of half the detection limit was used within the RPD calculation where one of the samples within a given duplicate pair exhibited a concentration below the laboratory detection limit. The results of QC samples are presented within Table 5 at the end of this report text and the associated NATA Certificates of Analysis from the primary and secondary analytical laboratories are included within Appendix E.

The results of duplicate analysis indicated that the RPDs between duplicate pairs were generally less than the acceptable value of 50% of the mean which indicates a good level of repeatability within sample analysis and that sample collection procedures were consistent on the project. It is noted that in one instance, an RPD of greater than 50% was recorded; it is considered that this is likely to be related to the fact that the analytical results were close to the laboratory detection limits.

Trip-Blank, Trip-Spike and Wash-Blank Samples

Laboratory supplied "trip-blank" and "trip-spike" samples were transported with samples to assess for the potential introduction of contaminants or loss of volatiles during the sampling process and subsequent transportation to the analytical laboratory. Wash-blank samples were collected following sampling to assess the effectiveness of field decontamination procedures. The wash-blank sample was collected by rinsing deionised water over sampling tools once the standard decontamination procedures were complete. The rinsate water was then collected in laboratory supplied sample containers for subsequent analysis.

The trip-blank and trip-spike analysis results indicated that the sampling procedures and subsequent transportation of samples to the analytical laboratory did not have an adverse impact on sample integrity.

Analysis of the wash blank samples indicated that decontamination procedures were appropriate i.e. sample materials were being effectively removed and contaminants were not being introduced during the decontamination procedures.

Chain of Custody Documentation

Chain of custody documentation was prepared to accompany the samples and was signed off prior to their shipment. Tamper proof custody labels were placed across the eskies used to transfer samples to the nominated analytical laboratory. Upon receipt at the laboratory all samples were checked and logged; details regarding sample integrity and the condition of custody labels were recorded by the laboratory and forwarded to Vantage. Chain of custody documentation and the associated laboratory sample receipt advice is included within Appendix D of this report.

6.2 Laboratory Based Quality Assurance & Quality Control

In accordance with industry accepted standards an internal QA program was completed by the project analytical laboratories. The program included the analysis of internal duplicates, spike recovery analysis and laboratory method blanks. The results of the laboratories' internal QA program are reported within the NATA Certificates of Analysis in Appendix E and can be summarised as follows:

- The RPDs between primary samples and laboratory duplicates were within 50% of the mean which is considered acceptable (Standards Australia, 2005);
- Laboratory spiked sample recoveries were within the acceptable control limit of 70-130%; and
- The results of laboratory blank analysis results were less than the nominated detection limits indicating that contamination of samples had not occurred as a result of laboratory handling procedures.

In summary, the project analytical laboratories did not report any internal QA/QC anomalies and it is considered that the reported analytical results are consistent with acceptable data quality objectives for this project.

7 DISCUSSION

7.1 Historical Land Use & Site Development History

Based on the results of the site history review completed for the subject site it is apparent that no significant development of the property has occurred and the site has primarily been used for grazing purposes since at least the 1940s. Based on observations made by Vantage personnel during the site visit of 09 July 2010, no evidence of significant contamination was identified and the site was considered to exhibit a generally low contamination potential.

7.2 Soil Assessment

The results of laboratory analysis of soil samples collected from across the site as part of the current assessment indicate that all sampling locations exhibited contaminant concentration at less than the nominated site contamination criteria (primarily Health Investigation Levels for residential land use settings).

During redevelopment of the site, if any materials of concern (such as odorous and/or discoloured soils that could be representative of potentially contaminated materials) are encountered they should be reported to the development manager. An appropriately qualified environmental consultant could then be engaged to examine the material, to undertake any required sampling, analysis and waste classification to determine an appropriate course of action. The Victorian Environment Protection Agency provides guidelines regarding the characterisation and disposal of potentially contaminated materials and other wastes; these guidelines should be adhered to during redevelopment of the site.

7.3 Groundwater Assessment

Based on the results of the soil sampling program associated with the assessment it is considered the risk to site groundwater would be low and, as such, no further site assessment works such as a groundwater assessment are proposed for the site.

7.4 Summary & Beneficial Uses

Overall, it is considered that the site assessment indicates the site would likely be suitable for the proposed use of a residential type development and no further assessment works are currently deemed necessary.

In particular, with respect to protection of beneficial uses, it is noted that assessment results indicate that the concentrations of the potential chemicals of concern were less than the criteria for each of the beneficial uses, including:

- Protection of Human Health;
- Buildings and Structures; and
- Aesthetics.

As discussed previously, it is considered unlikely that groundwater is contaminated from site pollution.

8 CONCLUSIONS

Based on the site history review, field observations made during this assessment, noted sub-surface conditions and soil analysis program the following conclusions are made regarding the subject site located at 335 Rutherford Road in Toolamba, Victoria.

- It is apparent that there has been no significant development of the subject site and the site has been primarily used for agricultural and grazing purposes since at least the 1940s;
- Based on observations made by Vantage personnel no evidence of significant contamination was identified and the site is considered to exhibit a low contamination potential;
- As part of the assessment program a total of 35 boreholes were completed across the subject site to assess soil quality;
- The results of laboratory analysis of soil samples collected from across the site as part of the current assessment indicated that all sampling locations exhibited contaminant concentration at less than the nominated site contamination criteria (primarily Health Investigation Levels [HILs] for residential land use settings);
- Based on the results of the assessment program the need for further assessment and/or site remediation is not currently considered necessary and it is considered that the site would likely be suitable for the future intended use (i.e. a proposed residential-type subdivision); and
- During redevelopment, if any materials of concern (such as odorous and/or discoloured soils that may be potentially contaminated) are encountered they should be reported to the development manager and assessed in accordance with industry accepted standards.

9 REFERENCES

- Edwards, J. & Slater, K.R. (compilers) 2001. "*Bendigo 1:250 000 geological map"*. Geological Survey of Victoria.
- NEPC (1999). "*National Environment Protection Measure (Assessment of Site Contamination)*". National Environment Protection Council.

- New South Wales EPA (1994). *"Guidelines for Assessing Service Station Sites".* Publication 94/119
- Standards Australia (2005). "*AS4482.1: Guide to Investigation and Sampling of Sites with Potentially Contaminated Soil; Part 1: Non-Volatile and Semi-Volatile Compounds*".
- Standards Australia (1999). "*AS4482.2: Guide to the Sampling and Investigation of Potentially Contaminated Soil; Part 2: Volatile Substances*".
- Victorian EPA (September 2007). "*Environmental Auditor (Contaminated Land) – Guidelines for Issue of Certificates and Statements of Environmental Audit".*

10 LIMITATIONS

The sampling methodologies used during completion of this project were undertaken in general accordance with normal practices and standards. Please note however, that under no circumstances do these findings represent the actual state of the site at all points. Further, while all reasonable attempts have been made to ensure the accuracy of the content of this report, Vantage Environmental Management Pty Ltd accepts no responsibility for any damage or loss that may occur through either the use or reliance of the content of this document.

The assessment program discussed in this report was not scoped to meet every Victorian Environmental Protection Authority and National guideline regarding the assessment of potentially contaminated sites. This report does not represent a *Statutory Environmental Audit* of the site.

This report should be considered in its entirety and not relied on, released to, or duplicated by third parties in whole or in part without the permission of Vantage Environmental Management Pty Ltd and the client for whom the project was completed.

Toolamba, VIC

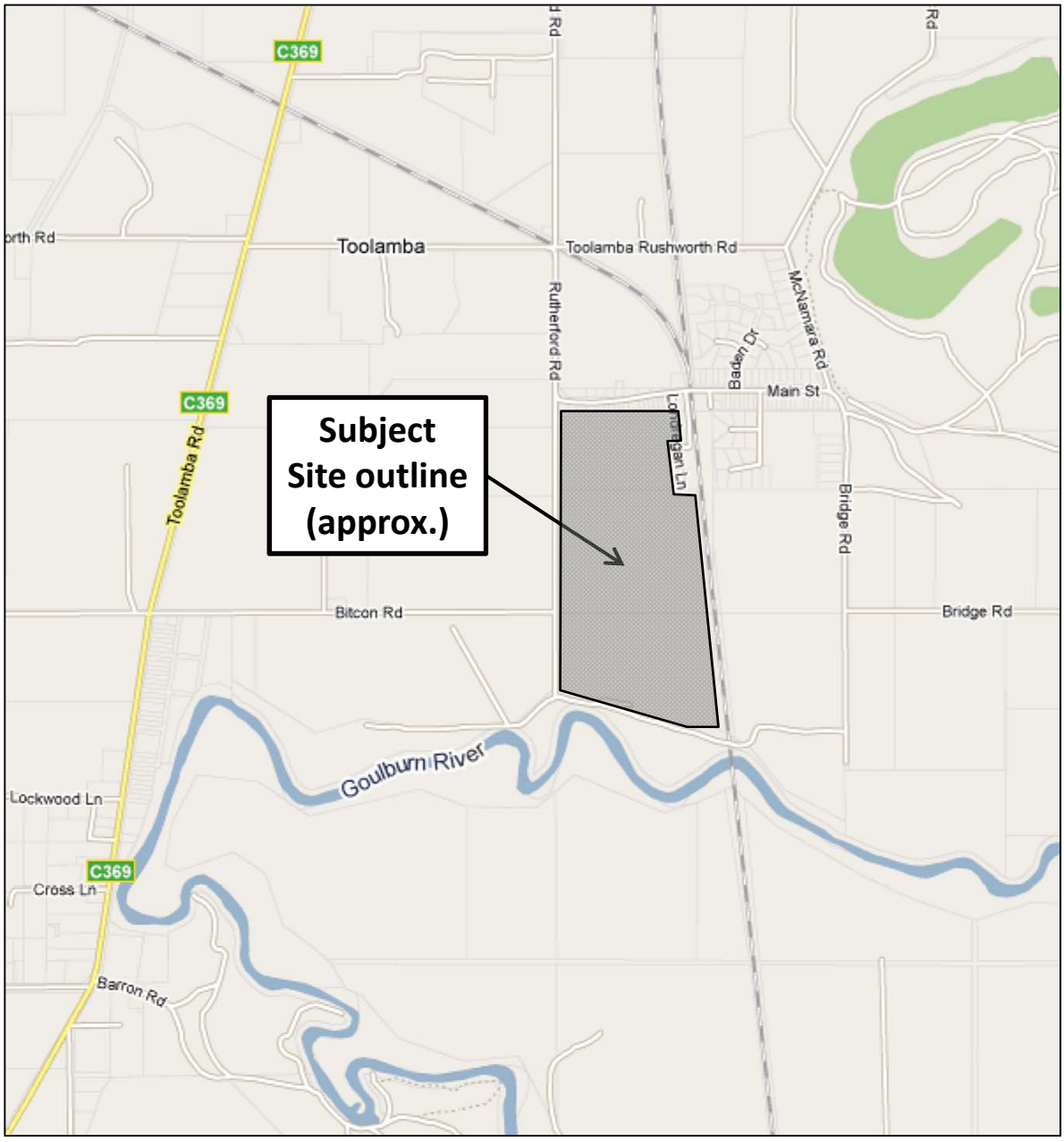


Figure 1: SITE LOCALITY PLAN
335 Rutherford Road, Toolamba VIC
(Source: Google Maps 2010)

VANTAGE ENVIRONMENTAL MANAGEMENT

Project: Environmental Site Assessment	**Project ID:** AL10-093-1B
Client: Herdstown Pty Ltd	**Date:** 05 August 2010
Drawn by: SP **Checked by:** TH	**Scale:** Not to scale

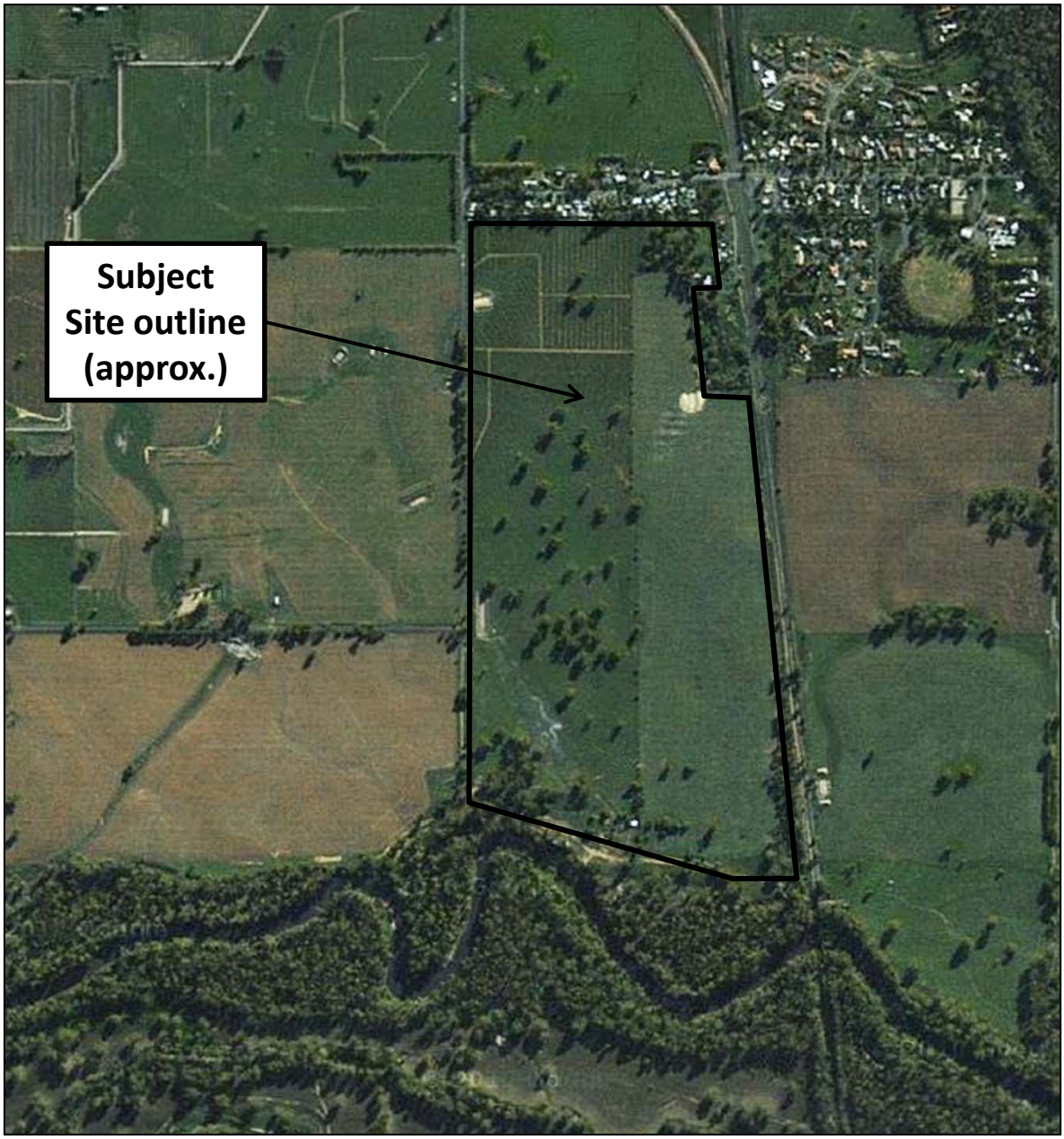
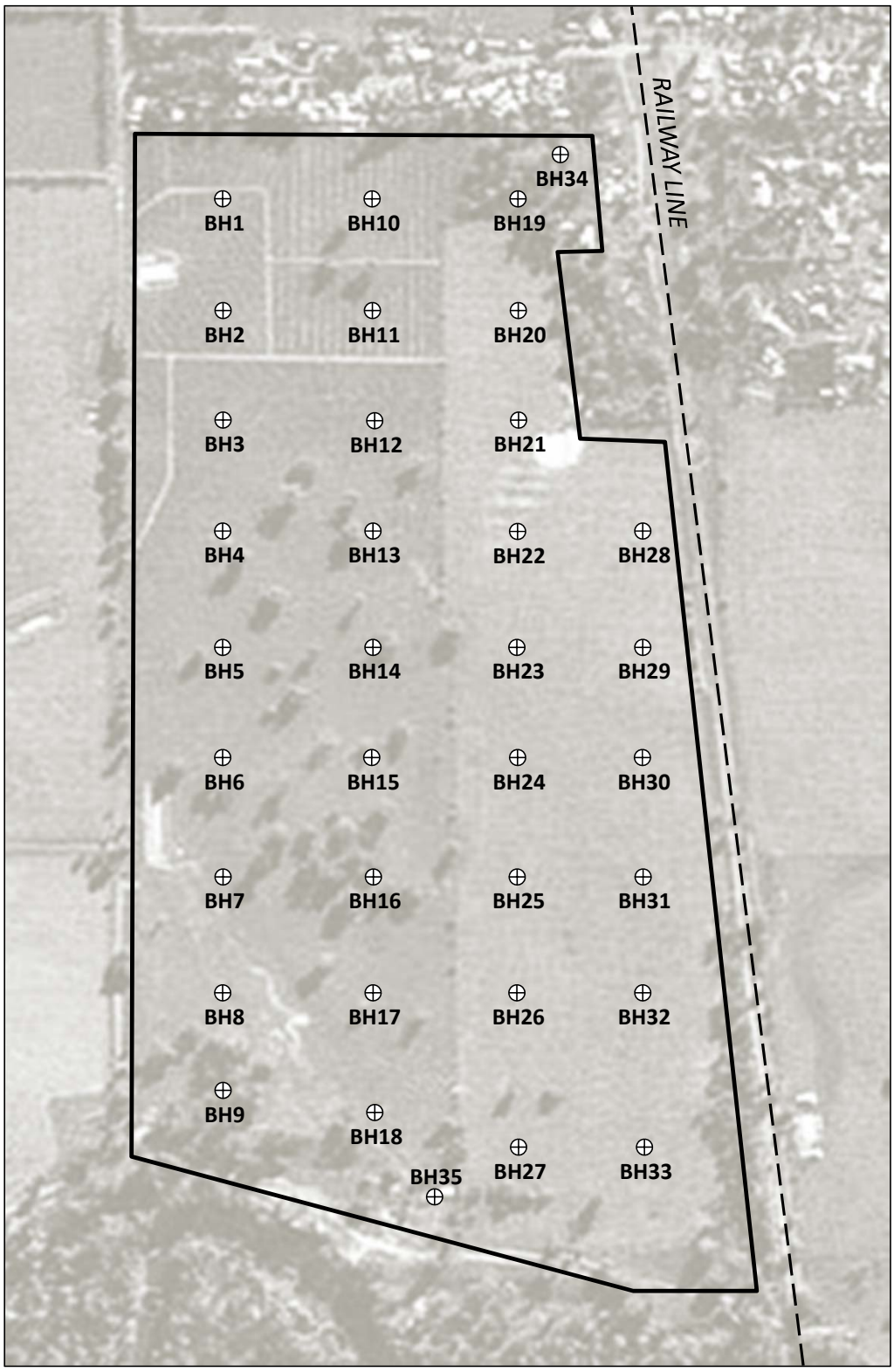


Figure 2: SITE AERIAL PLAN
335 Rutherford Road, Toolamba VIC
(Source: Google Maps 2010)

VANTAGE
ENVIRONMENTAL MANAGEMENT

Project: Environmental Site Assessment	**Project ID:** AL10-093-1B
Client: Herdstown Pty Ltd	**Date:** 05 August 2010
Drawn by: SP **Checked by:** TH	**Scale:** Not to scale



N

Subject site outline (approx.)

BH1 Borehole sample location

Figure 3: SITE FEATURES & SAMPLE LOCATION PLAN
335 Rutherford Road, Toolamba VIC
(Source: Google Maps 2010)

VANTAGE ENVIRONMENTAL MANAGEMENT

Project: Environmental Site Assessment	**Project ID:** AL10-093-1B
Client: Herdstown Pty Ltd	**Date:** 05 August 2010
Drawn by: SP **Checked by:** TH	**Scale:** Not to scale

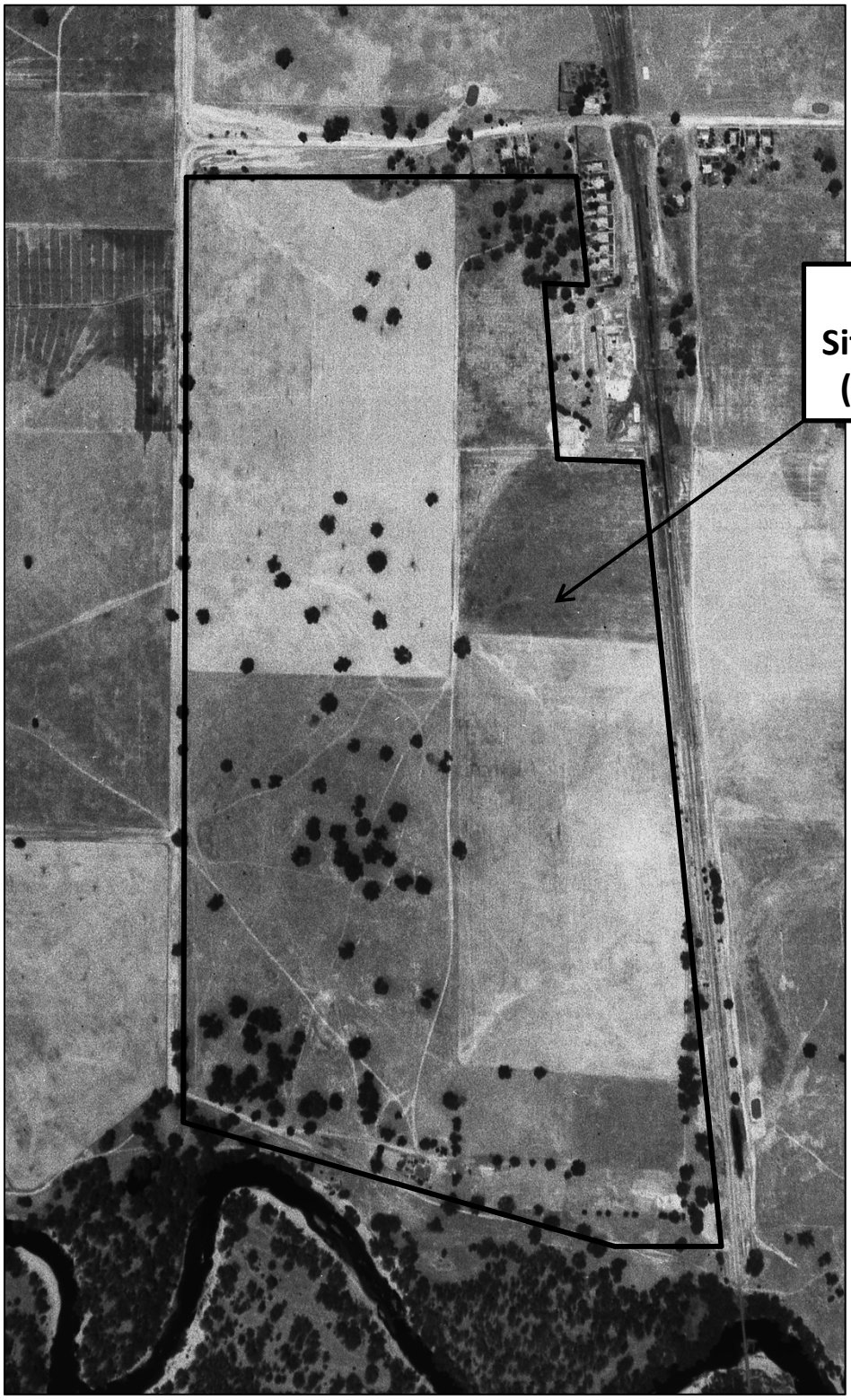


Figure 4: HISTORIC AERIAL PHOTOGRAPH - 1949
335 Rutherford Road, Toolamba VIC

VANTAGE
ENVIRONMENTAL MANAGEMENT

Project: Environmental Site Assessment	**Project ID:** AL10-093-1B
Client: Herdstown Pty Ltd	**Date:** 05 August 2010
Drawn by: SP **Checked by:** TH	**Scale:** Not to scale

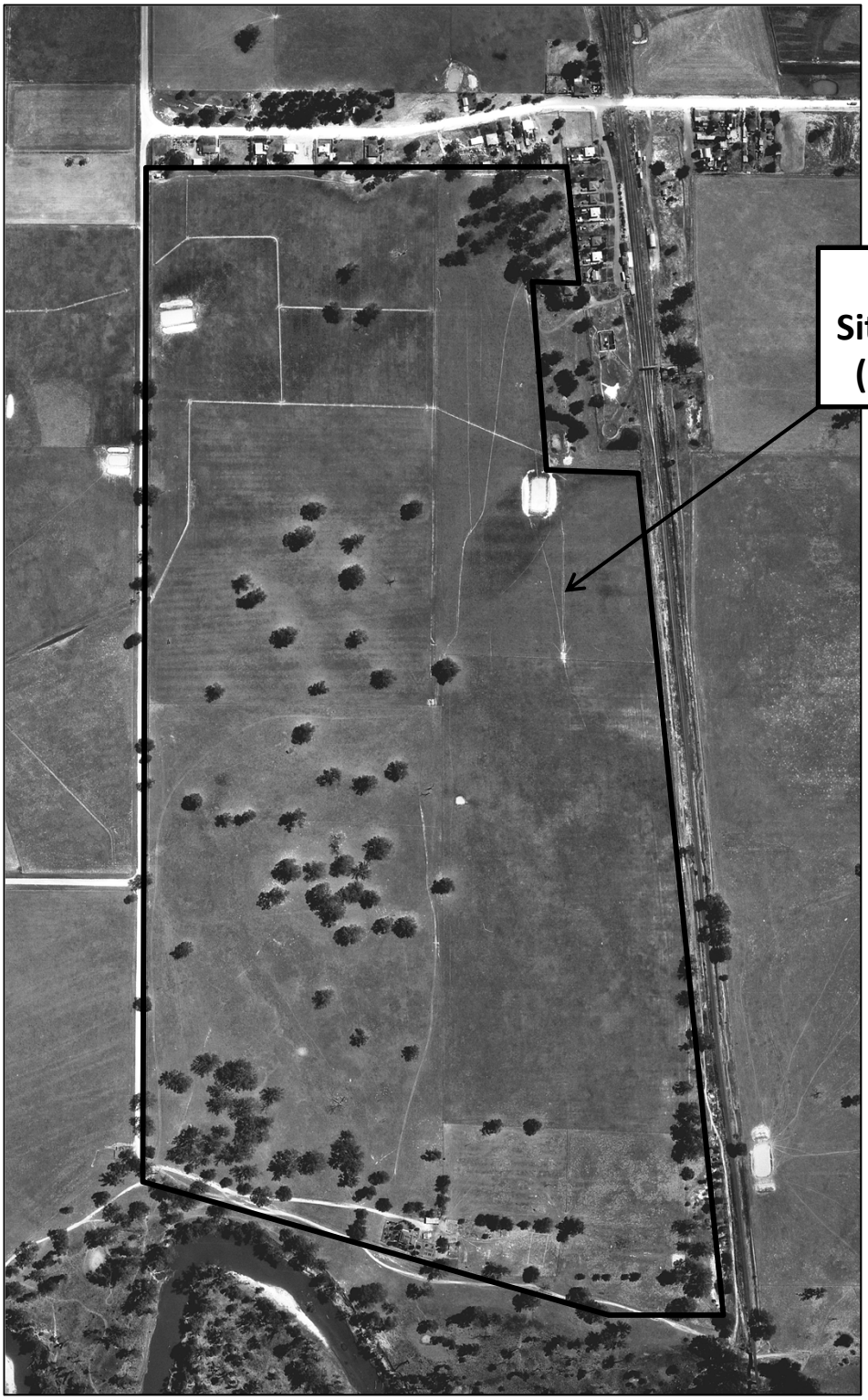


Figure 5: HISTORIC AERIAL PHOTOGRAPH - 1980
335 Rutherford Road, Toolamba VIC

VANTAGE
ENVIRONMENTAL MANAGEMENT

Project: Environmental Site Assessment	**Project ID:** AL10-093-1B
Client: Herdstown Pty Ltd	**Date:** 05 August 2010
Drawn by: SP **Checked by:** TH	**Scale:** Not to scale

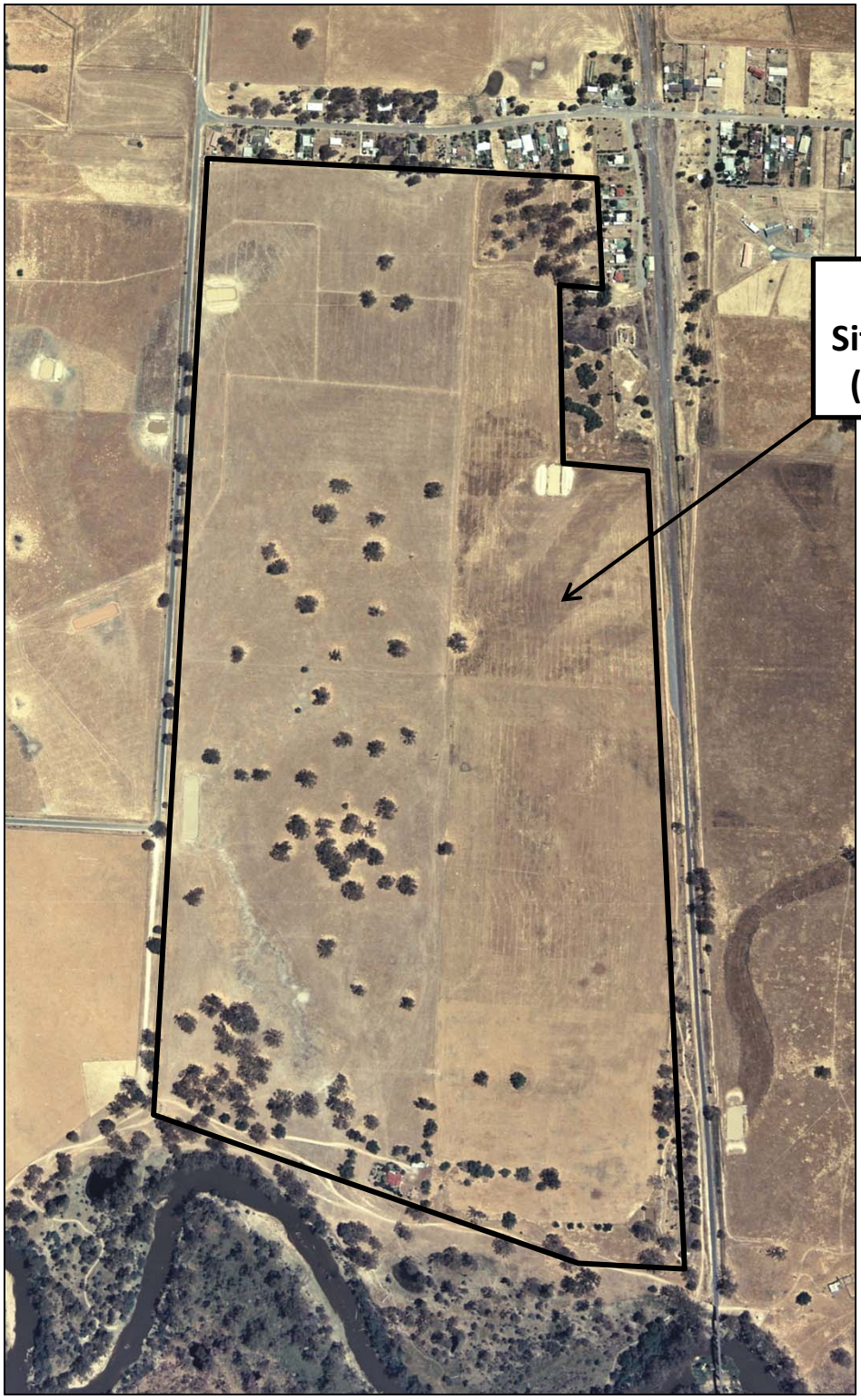


Figure 6: HISTORIC AERIAL PHOTOGRAPH - 1991
335 Rutherford Road, Toolamba VIC

VANTAGE
ENVIRONMENTAL MANAGEMENT

Project: Environmental Site Assessment	**Project ID:** AL10-093-1B
Client: Herdstown Pty Ltd	**Date:** 05 August 2010
Drawn by: SP **Checked by:** TH	**Scale:** Not to scale

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 1: Analytical Results - SOIL - Metals (Heavy Metals Screen)

		As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
Units		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
NEPM "Column A" HIL		*100*	*20*	*12%*	*1000*	*300*	*15*	*600*	*7000*
EIL (Interim Urban)		*20*	*3*	*400*	*100*	*600*	*1*	*60*	*200*
Sample ID	Date Sampled								
BH1-0.1	9-Jul-10	7.2	< 0.5	27	9.8	23	< 0.1	19	38
BH2-0.1	9-Jul-10	4.6	< 0.5	22	7.4	19	< 0.1	13	29
BH2-0.5	9-Jul-10	6.5	< 0.5	26	8.9	20	< 0.1	20	31
BH3-0.1	9-Jul-10	7.1	< 0.5	33	6.6	24	< 0.1	12	32
BH4-0.1	9-Jul-10	7.5	< 0.5	29	12	19	< 0.1	22	33
BH4-0.5	9-Jul-10	6.3	< 0.5	25	10	18	< 0.1	20	37
BH5-0.1	9-Jul-10	5.2	< 0.5	19	11	16	< 0.1	17	25
BH6-0.1	9-Jul-10	3.8	< 0.5	22	13	17	< 0.1	21	41
BH7-0.1	9-Jul-10	8.7	< 0.5	17	5.2	15	< 0.1	11	30
BH8-0.1	9-Jul-10	3.8	< 0.5	19	5	15	< 0.1	11	27
BH9-0.1	9-Jul-10	5.8	< 0.5	23	11	17	< 0.1	22	34
BH10-0.1	9-Jul-10	6	< 0.5	27	9.1	22	< 0.1	12	40
BH10-0.5	9-Jul-10	5.9	< 0.5	25	10	18	< 0.1	24	33
BH11-0.1	9-Jul-10	6.8	< 0.5	31	7.5	24	< 0.1	13	33
BH12-0.1	9-Jul-10	7.1	< 0.5	32	7.6	23	< 0.1	12	33
BH13-0.1	9-Jul-10	4.5	< 0.5	19	13	16	< 0.1	10	55
BH13-0.5	9-Jul-10	6.7	< 0.5	28	12	20	< 0.1	25	47
BH14-0.1	9-Jul-10	5.6	< 0.5	28	8.1	18	< 0.1	13	31
BH15-0.1	9-Jul-10	4.3	< 0.5	18	9.7	17	< 0.1	11	38
BH16-0.1	9-Jul-10	5.7	< 0.5	25	9.9	17	< 0.1	15	28
BH17-0.1	9-Jul-10	5.2	< 0.5	27	8.4	19	< 0.1	14	35
BH18-0.1	9-Jul-10	4.5	< 0.5	19	8.7	18	< 0.1	11	33
BH18-0.5	9-Jul-10	4.1	< 0.5	17	7	15	< 0.1	13	29
BH19-0.1	9-Jul-10	6.1	< 0.5	28	7.3	23	< 0.1	12	33
BH19-0.5	9-Jul-10	6.3	< 0.5	27	12	19	< 0.1	28	42
BH20-0.1	9-Jul-10	5.2	< 0.5	20	5.2	15	< 0.1	10	24
BH20-0.5	9-Jul-10	4.5	< 0.5	18	6.4	15	< 0.1	15	25
BH21-0.1	9-Jul-10	5.7	< 0.5	26	6.3	20	< 0.1	9.9	28
BH22-0.1	9-Jul-10	6.2	< 0.5	23	7.1	19	< 0.1	12	29
BH23-0.1	9-Jul-10	4.4	< 0.5	16	6.6	16	< 0.1	10	33
BH24-0.1	9-Jul-10	4.6	< 0.5	20	6.1	16	< 0.1	10	27
BH24-0.5	9-Jul-10	5.1	< 0.5	24	7	17	< 0.1	20	38
BH25-0.1	9-Jul-10	4.5	< 0.5	22	8.3	15	< 0.1	13	29
BH26-0.1	9-Jul-10	5.3	< 0.5	25	7.5	19	< 0.1	13	31
BH27-0.1	9-Jul-10	4.3	< 0.5	24	8.1	20	< 0.1	13	33
BH27-0.5	9-Jul-10	6	< 0.5	27	10	17	< 0.1	20	32
BH28-0.1	9-Jul-10	6.8	< 0.5	25	10	19	< 0.1	24	31
BH29-0.1	9-Jul-10	7.5	< 0.5	31	7.5	22	< 0.1	14	30
BH29-0.5	9-Jul-10	5.7	< 0.5	24	9.9	17	< 0.1	21	34
BH30-0.1	9-Jul-10	3.7	< 0.5	20	6.4	19	< 0.1	11	36
BH30-0.5	9-Jul-10	4.7	< 0.5	22	13	16	< 0.1	21	32
BH31-0.1	9-Jul-10	6.5	< 0.5	30	5.7	22	< 0.1	11	28
BH31-0.5	9-Jul-10	4.3	< 0.5	22	9.3	15	< 0.1	22	31
BH32-0.1	9-Jul-10	5.8	< 0.5	25	6.9	21	< 0.1	12	32
BH32-0.5	9-Jul-10	6.7	< 0.5	24	9.9	19	< 0.1	25	38
BH33-0.1	9-Jul-10	4.8	< 0.5	22	7	19	< 0.1	13	33
BH34-0.1	9-Jul-10	6.8	< 0.5	24	11	26	< 0.1	16	60
BH34-0.5	9-Jul-10	6.4	< 0.5	20	9.9	14	< 0.1	19	31
BH35-0.1	9-Jul-10	5.3	< 0.5	25	12	31	< 0.1	13	39
BH35-0.5	9-Jul-10	5.4	< 0.5	25	11	17	< 0.1	21	40

BOLD	Exceeds NEPM (1999) Interim Urban Ecological Investigation Level
INVERSE	Exceeds NEPM (1999) Health Investigation Level "A" - Residential

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 1: Analytical Results - SOIL - Metals (Heavy Metals Screen)

		Sb	Be	Co	Mo	Se	Sn
Units		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
NEPM "Column A" HIL		-	*20*	*100*	-	-	-
EIL (Interim Urban)		-	-	-	-	-	-
Sample ID	Date Sampled						
BH1-0.1	9-Jul-10	< 10	< 2	11	< 10	< 2	< 10
BH2-0.1	9-Jul-10	< 10	< 2	14	< 10	< 2	< 10
BH2-0.5	9-Jul-10	< 10	< 2	11	< 10	< 2	< 10
BH3-0.1	9-Jul-10	< 10	< 2	10	< 10	< 2	< 10
BH4-0.1	9-Jul-10	< 10	< 2	11	< 10	< 2	< 10
BH4-0.5	9-Jul-10	< 10	< 2	8.7	< 10	< 2	< 10
BH5-0.1	9-Jul-10	< 10	< 2	6.3	< 10	< 2	< 10
BH6-0.1	9-Jul-10	< 10	< 2	6.9	< 10	< 2	< 10
BH7-0.1	9-Jul-10	< 10	< 2	6	< 10	< 2	< 10
BH8-0.1	9-Jul-10	< 10	< 2	9.8	< 10	< 2	< 10
BH9-0.1	9-Jul-10	< 10	< 2	8	< 10	< 2	< 10
BH10-0.1	9-Jul-10	< 10	< 2	12	< 10	< 2	< 10
BH10-0.5	9-Jul-10	< 10	< 2	11	< 10	< 2	< 10
BH11-0.1	9-Jul-10	< 10	< 2	13	< 10	< 2	< 10
BH12-0.1	9-Jul-10	< 10	< 2	11	< 10	< 2	< 10
BH13-0.1	9-Jul-10	< 10	< 2	9.1	< 10	< 2	< 10
BH13-0.5	9-Jul-10	< 10	< 2	14	< 10	< 2	< 10
BH14-0.1	9-Jul-10	< 10	< 2	7.3	< 10	< 2	< 10
BH15-0.1	9-Jul-10	< 10	< 2	7.8	< 10	< 2	< 10
BH16-0.1	9-Jul-10	< 10	< 2	8.5	< 10	< 2	< 10
BH17-0.1	9-Jul-10	< 10	< 2	11	< 10	< 2	< 10
BH18-0.1	9-Jul-10	< 10	< 2	9.4	< 10	< 2	< 10
BH18-0.5	9-Jul-10	< 10	< 2	8.2	< 10	< 2	< 10
BH19-0.1	9-Jul-10	< 10	< 2	20	< 10	< 2	< 10
BH19-0.5	9-Jul-10	< 10	< 2	6.1	< 10	< 2	< 10
BH20-0.1	9-Jul-10	< 10	< 2	6.1	< 10	< 2	< 10
BH20-0.5	9-Jul-10	< 10	< 2	6.7	< 10	< 2	< 10
BH21-0.1	9-Jul-10	< 10	< 2	15	< 10	< 2	< 10
BH22-0.1	9-Jul-10	< 10	< 2	14	< 10	< 2	< 10
BH23-0.1	9-Jul-10	< 10	< 2	6.6	< 10	< 2	< 10
BH24-0.1	9-Jul-10	< 10	< 2	9.6	< 10	< 2	< 10
BH24-0.5	9-Jul-10	< 10	< 2	7.8	< 10	< 2	< 10
BH25-0.1	9-Jul-10	< 10	< 2	8.4	< 10	< 2	< 10
BH26-0.1	9-Jul-10	< 10	< 2	12	< 10	< 2	< 10
BH27-0.1	9-Jul-10	< 10	< 2	12	< 10	< 2	< 10
BH27-0.5	9-Jul-10	< 10	< 2	8	< 10	< 2	< 10
BH28-0.1	9-Jul-10	< 10	< 2	12	< 10	< 2	< 10
BH29-0.1	9-Jul-10	< 10	< 2	17	< 10	< 2	< 10
BH29-0.5	9-Jul-10	< 10	< 2	6.8	< 10	< 2	< 10
BH30-0.1	9-Jul-10	< 10	< 2	12	< 10	< 2	< 10
BH30-0.5	9-Jul-10	< 10	< 2	14	< 10	< 2	< 10
BH31-0.1	9-Jul-10	< 10	< 2	14	< 10	< 2	< 10
BH31-0.5	9-Jul-10	< 10	< 2	5.3	< 10	< 2	< 10
BH32-0.1	9-Jul-10	< 10	< 2	14	< 10	< 2	< 10
BH32-0.5	9-Jul-10	< 10	< 2	13	< 10	< 2	< 10
BH33-0.1	9-Jul-10	< 10	< 2	17	< 10	< 2	< 10
BH34-0.1	9-Jul-10	< 10	< 2	8.7	< 10	< 2	< 10
BH34-0.5	9-Jul-10	< 10	< 2	7.8	< 10	< 2	< 10
BH35-0.1	9-Jul-10	< 10	< 2	10	< 10	< 2	< 10
BH35-0.5	9-Jul-10	< 10	< 2	5.4	< 10	< 2	< 10

BOLD Exceeds NEPM (1999) Interim Urban Ecological Investigation Level
INVERSE Exceeds NEPM (1999) Health Investigation Level "A" - Residential

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 2: Analytical Results - SOIL - **Total Petroleum Hydrocarbons (TPH), BTEX & Polycyclic Aromatic Hydrocarbons (PAH)**

		TPH					BTEX				PAH	
		C_6 - C_9	C_{10}-C_{14}	C_{15}-C_{28}	C_{29}-C_{36}	C_{10}-C_{36}	Benzene	Toluene	Ethyl-benzene	Xylenes	Benzo(a)-Pyrene	Total PAH
Units		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
NEPM "Column A" HIL/NSW Service Station Guidelines		*65*	*-*	*-*	*-*	*1000*	*1*	*1.4*	*3.1*	*14*	*1*	*20*
Sample ID	Date sampled											
BH2-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
BH10-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH10-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH12-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH13-0.1	9-Jul-10	< 20	< 50	< 100	210	360	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
BH18-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH18-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH19-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH19-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH24-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
BH27-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH27-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH29-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH29-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH31-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH31-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH32-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
BH34-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
BH34-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.
BH35-0.1	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1
BH35-0.5	9-Jul-10	< 20	< 50	< 100	< 100	<250	< 0.05	< 0.05	< 0.05	< 0.05	n.a.	n.a.

INVERSE Exceeds NEPM (1999) Health Investigation Level "A" - Residential and/or NSW EPA *Service Station Guidelines*

b.d.	below laboratory detection limit
n.a.	not analysed

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 3: Analytical Results - SOIL - Phenol, Chorinated Hydrocarbons, PCBs, Cyanide, Asbestos & Organophosphorous Pesticides

		Phenol	Total Chlorinated Hydrocarbons	Total PCBs	Cyanide	Asbestos	Total Organo-phosphorous Pesticides
Units		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*		*mg/kg*
NEPM "Column A" HIL		*8500*	*-*	*10*	*250*	*-*	*-*
Sample ID	Date sampled						
BH2-0.1	9-Jul-10	< 0.2	b.d.	< 0.1	< 5	n.a.	b.d.
BH4-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH6-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH10-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH12-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH13-0.1	9-Jul-10	< 0.2	b.d.	< 0.1	< 5	n.a.	b.d.
BH14-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH16-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH18-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH19-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH20-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH24-0.1	9-Jul-10	< 0.2	b.d.	< 0.1	< 5	n.a.	b.d.
BH26-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH27-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH28-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH30-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH32-0.1	9-Jul-10	< 0.2	b.d.	< 0.1	< 5	n.a.	b.d.
BH33-0.1	9-Jul-10	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
BH34-0.1	9-Jul-10	< 0.2	b.d.	< 0.1	< 5	NOT DETECTED	b.d.
BH35-0.1	9-Jul-10	< 0.2	b.d.	< 0.1	< 5	NOT DETECTED	b.d.

INVERSE Exceeds NEPM (1999) Health Investigation Level "A" - Residential

b.d.	below laboratory detection limit
n.a.	not analysed

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 4: Analytical Results - SOIL - Organochlorine Pesticides

		Organochlorine Pesticides						
		4.4'-DDD	4.4'-DDE	4.4'-DDT	Aldrin	Dieldrin	Chlordane	Heptachlor
Units		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
NEPM "Column A" HIL		*DDT + DDD + DDE = 200*			*Aldrin + Dieldrin = 10*		*50*	*10*
Sample ID	Date sampled							
BH1-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH2-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH2-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH3-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH4-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH4-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH5-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH6-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH7-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH8-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH9-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH10-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH11-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH12-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH13-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH13-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH14-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH15-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH16-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH17-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH18-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH19-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH19-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH20-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH20-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH21-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH22-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH23-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH24-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH24-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH25-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH26-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH27-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH28-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH29-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH30-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH30-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH31-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH32-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH32-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH33-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH34-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH34-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05
BH35-0.1	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.7	< 0.05
BH35-0.5	9-Jul-10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05

INVERSE Exceeds NEPM (1999) Health Investigation Level "A" - Residential

b.d.	below laboratory detection limit
n.a.	not analysed

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 5: Quality Assurance / Quality Control results - Intra-laboratory and inter-laboratory duplicate sample analysis results

		Metals								OCPs
		As	Cd	Cr	Cu	Pb	Hg	Ni	Zn	
	Units	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Original Sample	BH10-0.1	6	< 0.5	27	9.1	22	< 0.1	12	40	b.d.
Duplicate Sample	DUP-A	5	<0.2	24	11	16	<0.05	9	32	b.d.
	RPD (%)	**18**	**0**	**12**	**19**	**32**	**0**	**29**	**22**	**0**
Original Sample	BH20-0.1	5.2	< 0.5	20	5.2	15	< 0.1	10	24	b.d.
Duplicate Sample	DUP-B	4.5	<0.5	20	<5	14	<0.1	8.4	22	b.d.
	RPD (%)	**14**	**0**	**0**	**70**	**7**	**0**	**17**	**9**	**0**
Original Sample	BH30-0.1	3.7	< 0.5	20	6.4	19	< 0.1	11	36	b.d.
Duplicate Sample	DUP-C	<5	<0.2	19	9	16	<0.05	8	29	b.d.
	RPD (%)	**39**	**0**	**5**	**34**	**17**	**0**	**32**	**22**	**0**
Original Sample	BH35-0.1	5.3	< 0.5	25	12	31	< 0.1	13	39	b.d.*
Duplicate Sample	DUP-D	5.9	<0.5	30	11	33	<0.1	16	43	b.d.*
	RPD (%)	**11**	**18**	**18**	**9**	**6**	**0**	**21**	**10**	**0**

* OCPs are below detection except for the following concentrations:
- BH35-0.1 has a chlordane concentration of 0.7mg/kg
- DUP-D has a chlordane concentration of 0.4mg/kg

		TPH				BTEX				OPPs
		C_6 - C_9	C_{10}-C_{14}	C_{15}-C_{28}	C_{29}-C_{36}	Benzene	Toluene	Ethyl-benzene	Xylenes	
	Units	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Original Sample	BH20-0.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
Duplicate Sample	DUP-B	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	b.d.
RPD (%)		-	-	-	-	-	-	-	-	**0**
Original Sample	BH35-0.1	< 20	< 50	< 100	< 100	< 0.05	< 0.05	< 0.05	< 0.05	b.d.
Duplicate Sample	DUP-D	< 20	< 50	< 100	< 100	< 0.05	< 0.05	< 0.05	< 0.05	b.d.
RPD (%)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

DUP-A & DUP-C	These samples were analysed by Ecowise Environmental as an inter-laboratory duplicate analysis
85	RPD value greater than 50%
n.a.	not analysed
b.d.	below laboratory detection limits

SITE: **Environmental Site Assessment**
PROJECT: 335 Rutherford Road, Toolamba VIC
PROJECT ID: AL10-093-1B

VANTAGE ENVIRONMENTAL MANAGEMENT

CLIENT: Herdstown Pty Ltd

TABLE 5: Quality Assurance / Quality Control results - Wash Blank, Trip Blank and Trip Spike recovery results

Wash Blank (WB) Results - WATER - Heavy Metals

	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
Units	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*
WB9710	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001

Wash Blank (WB) and Trip Blank (TB) Results - WATER - BTEX

	TPH				BTEX			
	C_6 - C_9	C_{10}-C_{14}	C_{15}-C_{28}	C_{29}-C_{36}	Benzene	Toluene	Ethyl-benzene	Xylenes
Units	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
WB9710	<0.02	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.001
TB9710	<0.02	n.a.	n.a.	n.a.	<0.001	<0.001	<0.001	<0.001

Trip Spike Recovery - WATER - C_{6-9}/BTEX

	TPH	BTEX			
Units	C_6 - C_9	Benzene	Toluene	Ethyl-benzene	Xylenes
TS9710	77%	80%	99%	110%	98%

Appendix A

Site Photographs

Plate 1: View of the subject site looking from the west toward the east and south. Evidence of germination of a recently seeded fodder crop was noted. Mature paddock trees were also noted at various locations across the site.

Plate 2: View of the subject site looking toward the north-east. One of the three farm dams present on the site is visible on the central portion of this photo.

Plate 3: View of the southern portion of the site looking toward the Goulburn River and associated reserve areas.

Plate 4: View of a stockpile of demolition waste observed on the southern portion of the site. Some evidence of burning of materials was also noted at this location. The structure on the right of the photo is a shed associated with the on-site dwelling.

Plate 5: View of the north-east portion of the site in an area where soil disturbance was observed and old vehicles were reportedly stored. These vehicles were removed from the site during early 2010.

Plate 6: View of drilling works in progress on the southern portion of the subject site. Drilling was completed with a rotary auger drill rig operated by Llyod Angove Soil Surveying & Drilling.

Appendix B

Site Title Documentation (Land Victoria)
Letter from Greater Shepparton City Council
Letter from WorkSafe Victoria
Priority Sites Register for Greater Shepparton City Council area
List of Issued Certificates and Statements of Environmental Audit for Greater Shepparton City Council area
Victorian Department of Sustainability and Environment (DSE) groundwater database search

Security no : 124025344920B

Volume 05499 Folio 735
Produced 14/03/2008 03:41 pm

LAND DESCRIPTION

Lots 1,2,3,4,5 and 6 on Title Plan 825016W (formerly known as part of Crown Allotment 232 Parish of Murchison North, Crown Allotments 2 and 6A, part of Crown Allotment 7, Crown Allotment 32, part of Crown Allotment 59 Parish of Toolamba).
PARENT TITLE Volume 02993 Folio 581
Created by instrument 1359302 12/07/1928

REGISTERED PROPRIETOR

Estate Fee Simple
Sole Proprietor
HERDSTOWN PTY LTD of 180 BITCON ROAD TOOLAMBA VIC 3614
AE312021W 26/04/2006

ENCUMBRANCES, CAVEATS AND NOTICES

MORTGAGE AE312022U 26/04/2006
NATIONAL AUSTRALIA BANK LTD

Any encumbrances created by Section 98 Transfer of Land Act 1958 or Section 24 Subdivision Act 1988 and any other encumbrances shown or entered on the plan set out under DIAGRAM LOCATION below.

DIAGRAM LOCATION

SEE TP825016W FOR FURTHER DETAILS AND BOUNDARIES

ACTIVITY IN THE LAST 125 DAYS

NIL

STATEMENT END

TITLE PLAN | EDITION 1 | TP 825016W

Location of Land

Parish : TOOLAMBA
Section : -
Crown Allotment : 2, 6A, 32, 7(PT) & 59 (PT)
Parish : PARISH OF NORTH MURCHISON
Section : -
Crown Allotment : 232 (PT)

Last Plan Reference : -
Derived From : VOL. 5499 FOL. 735
236
Depth Limitation : NIL

Notations

ANY REFERENCE TO MAP IN THE TEXT MEANS THE DIAGRAM SHOWN ON THIS TITLE PLAN

Description of Land/ Easement Information

ENCUMBRANCES

As to the land colored blue and green - - - - -

THE RESPECTIVE EASEMENTS (and rights of entry - in connection therewith) created by Instrument- No.1227190 in the Register Book - - - - - - - - -

As to the land colored purple - - -

THE EASEMENT created by Instrument No.339140 in the Register Book - - - - - - - - - - - - - - - - - -

THIS PLAN HAS BEEN PREPARED BY LAND REGISTRY, LAND VICTORIA FOR TITLE DIAGRAM PURPOSES

COMPILED: Date 1/06/06

VERIFIED: A. DALLAS

Assistant Registrar of Titles

COLOUR CODE

BL=BLUE G=GREEN
BR=BROWN P=PURPLE
Y=YELLOW R=RED

FOR DIAGRAM SEE SHEET 2

TABLE OF PARCEL IDENTIFIERS

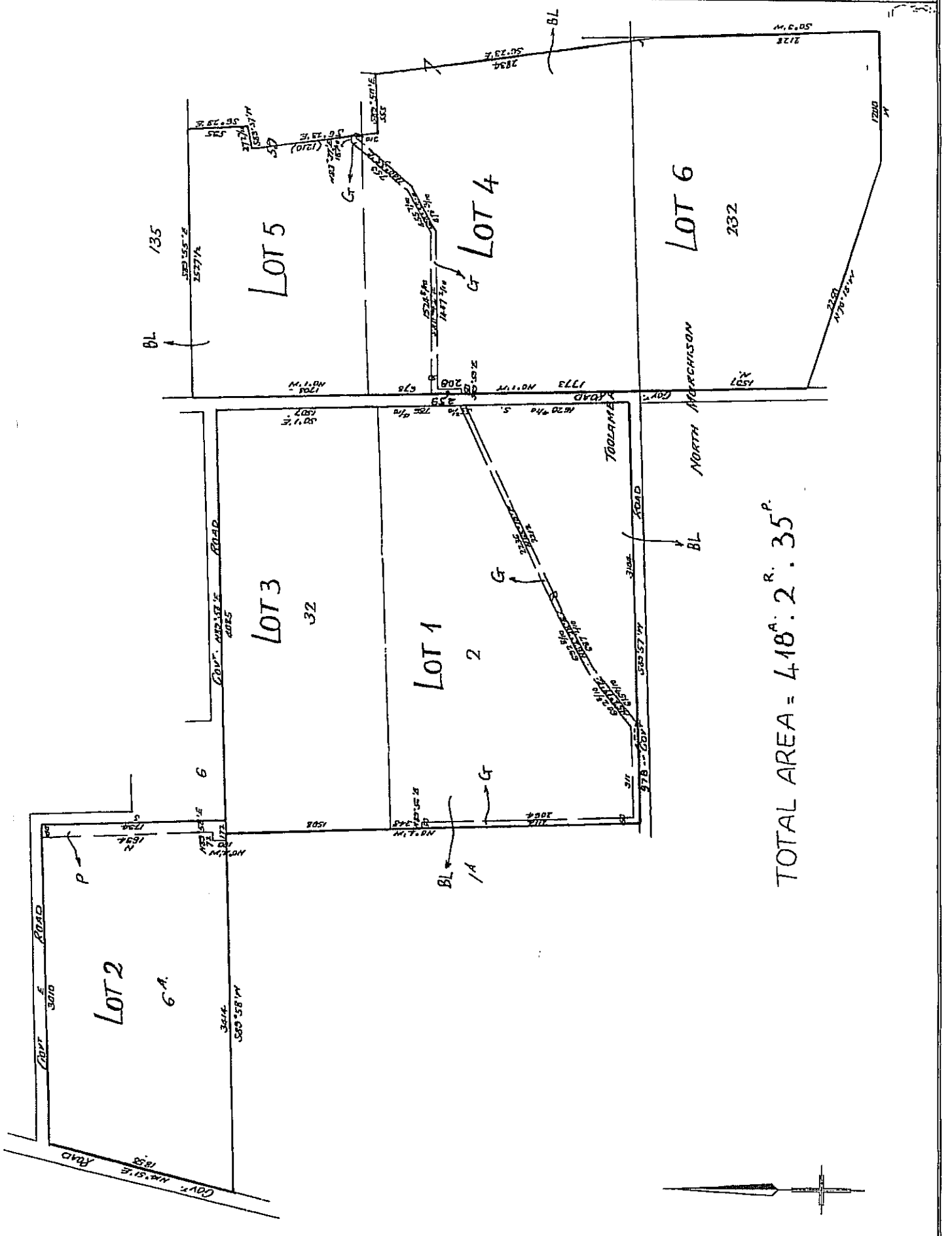
WARNING: Where multiple parcels are referred to or shown on the Title Plan this does Not imply separately disposable parcels under Section 8A of the Sale of Land Act 1962

LOT 1 = C. A. 2
LOT 2 = C. A. 6A
LOT 3 = C. A. 32
LOT 4 = C. A. 7 (PT)
LOT 5 = C. A. 59 (PT)
LOT 6 = C. A. 232 (PT)

LENGTHS ARE IN LINKS | Metres = 0.3048 x Feet Metres = 0.201168 x Links | Sheet 1 of 2 Sheets

TITLE PLAN

TP 825016W



LENGTHS ARE IN LINKS	Metres = 0.3048 x Feet Metres = 0.201168 x Links	Sheet 2 of 2 Sheets

GREATER
SHEPPARTON

5 August 2010

Vantage Environmental Management
PO Box 378
ALBURY NSW 2640

Dear Sir/Madam

REFERENCE NO: ENQ-2010-103
PROPERTY: 335 RUTHERFORD ROAD TOOLAMBA VIC 3614

I write in response to your enquiry received at this office on 12 July 2010 in relation to 335 Rutherford Road, Toolamba (Lots 4, 5 and 6 TP 825016).

The land is within the Farming Zone and abuts the Public Use Zone 4, the Public Conservation and Resource Zone and the Township Zone. The land is partly affected by the Land Subject to Inundation Overlay, the Floodway Overlay and the Public Acquisition Overlay.

A search of the planning history of the land dating back to 1995 does not indicate any potential site contamination issues, nor is there a record of any remedial works completed at the site.

If you have any queries in this matter, please contact me at the Council's Planning and Development Branch on (03) 5832 9730.

Yours faithfully

Emma Moffatt
PLANNER

Greater Shepparton City Council
Planning & Development Branch
Locked Bag 1000, Shepparton 3632
Council Office: 90 Welsford Street, Shepparton 3630
Ph: (03) 5832 9730 Fax: (03) 5831 1987 Email: council@shepparton.vic.gov.au
ABN 59 835 329 843

222 Exhibition Street Melbourne Vic 3000
GPO BOX 4306 Melbourne VIC 3001
Tel /03 9641 1555 Fax / 03 9641 1222
worksafe.vic.gov.au

Our ref : F2010/00620
Your ref: Susannah Price

28 July 2010

Ms Susannah Price
Vantage Environmental Management Pty Ltd
PO BOX 378
ALBURY NSW 2640

Dear Sir or Madam:

RE: FREEDOM OF INFORMATION (FoI) REQUEST
Dangerous Good Search –
335 Rutherford Road Toolamba

I refer to your request received by WorkSafe on 9 July and validated by the payment of the $23.90 application fee.

I understand your request as being for the release of dangerous goods information on the site mentioned above.

Enquires with the relevant staff of the Authority reveal that no dangerous goods information was found, and therefore no documents exist.

Accordingly, I am informing you of your right, pursuant to Section 27(1) (e) of the FoI Act 1982, to make a complaint to the Ombudsman, in that, all documents cannot be located, with this agency. Ombudsman Victoria contact details 9613 6222 or 1800 806314.

If you have any queries, please contact Janelle Mahoney on 9641 1874.

Yours sincerely,

Janelle Mahoney
(WorkSafe FoI Officer)

Priority Sites Register

Date Generated 01/07/2010

BACKGROUND

EPA has a key responsibility in protecting beneficial uses of land. Many of these uses are regulated or controlled through a range of measures to prevent contamination of land and groundwater. Land contaminated by former waste disposal, industrial and similar activities is frequently discovered during changes to land use - for example, from industrial to residential use. In most cases these can be managed at the time that the change of land use occurs. Some sites however, present a potential risk to human health or to the environment and must be dealt with as a priority. Such sites are typically subject to clean-up and/or management under EPA directions.

WHAT ARE PRIORITY SITES?

Priority Sites are sites for which EPA has issued a Clean-up Notice pursuant to section 62A, or a Pollution Abatement Notice pursuant to section 31A or 31B (relevant to land and/or groundwater) of the Environment Protection Act 1970. Typically these are sites where pollution of land and/or groundwater presents a potential risk to human health or to the environment. The condition of these sites is not compatible with the current or approved use of the site without active management to reduce the risk to human health and the environment. Such management can include clean-up, monitoring and/or institutional controls.

The Priority Sites Register does not list sites managed by voluntary agreements or sites subject to management by planning controls (eg. sites managed in accordance with a section 173 agreement under the Planning and Environment Act 1987). Land purchasers should be aware of these limitations and make their own enquiries. A site is listed on the Priority Sites Register when EPA issues a Clean-up Notice or a Pollution Abatement Notice (relevant to land and/or groundwater). A notice is a means by which EPA formalises requirements to manage pollution. Sites are removed from the Priority Sites Register once all conditions of a Notice have been complied with. This is formalised through a Notice of Revocation pursuant to section 60B of the Act.

FURTHER INFORMATION

Additional information is available from:
EPA Information Centre
200 Victoria Street
Carlton VIC 3053
Tel: 03 9695 2722 Fax: 03 9695 2610
Media Enquiries: 03 9695 2704
EPA internet site: www.epa.vic.gov.au

MUNICIPALITY	LOCALITY	ADDRESS	ISSUE
Ararat Rural City Council	ARARAT	26 GRANO ST	Former Industrial Site. Requires assessment and/or clean up.
Ararat Rural City Council	ARARAT	MCLELLAN ST	Railway yard. Requires assessment and/or clean up.
Ballarat City Council	BALLARAT	1003 HUMFFRAY ST SOUTH	Former Industrial Site. Requires assessment and/or clean up.
Ballarat City Council	BALLARAT	BALLARAT AERODROME VOLUME 6747 FOLIO 250	Current Industrial Site. Requires assessment and/or clean up.
Ballarat City Council	BALLARAT	CANADIAN GULLY RESERVE, GEELONG RD	Historical deposit of mine tailings. Requires assessment and/or clean up.

MUNICIPALITY	LOCALITY	ADDRESS	ISSUE
Greater Geelong City Council	CORIO	SHELL REFINERY REFINERY RD	Current Industrial Site. Requires assessment and/or clean up.
Greater Geelong City Council	DRYSDALE	97 HIGH ST	Current Service Station. Requires on-going management.
Greater Geelong City Council	GEELONG EAST	GEELONG GUN CLUB, EASTERN BOTANICAL GARDENS	Gun, pistol or rifle range. Requires assessment and/or clean up.
Greater Geelong City Council	GEELONG NORTH	1-39 ROSENEATH ST	Former chemical storage facilty. Requires assessment and/or clean up.
Greater Geelong City Council	HIGHTON	18 NORTH VALLEY RD	Former Industrial Site. Requires assessment and/or clean up.
Greater Geelong City Council	LARA	PRINCES HWY (12 KILOMETRE & 15 KILOMETRE MARK)	Accidental spill/leak (non-industrial site). Requires assessment and/or clean up.
Greater Geelong City Council	MANIFOLD HEIGHTS	35-37 SHANNON AV	Current Service Station. Requires assessment and/or clean up.
Greater Geelong City Council	MOOLAP	132-160 POINT HENRY RD	Current Industrial Site. Requires assessment and/or clean up.
Greater Shepparton City Council	COSGROVE	LOT 1 PLAN OF SUBDIVISION 404181S	Former Landfill. Requires on-going management.
Greater Shepparton City Council	PINE LODGE SOUTH	205 QUARRY RD	Former Industrial Site. Requires assessment and/or clean up.
Greater Shepparton City Council	PINE LODGE SOUTH	205 QUARRY RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.
Greater Shepparton City Council	SHEPPARTON	LOT 2 DALDY RD	Former Industrial Site. Requires on-going management.
Greater Shepparton City Council	SHEPPARTON NORTH	44 WANGANUI RD (LOT 7 PS137203)	Solid inert waste has been dumped at the site. Requires assessment and/or clean up.
Hepburn Shire Council	CRESWICK	20 CLUNES RD	Current Service Station. Requires on-going management.
Hepburn Shire Council	CRESWICK	OFF LUTTET ST CRESWICK C/A 45A PARISH OF CRESWICK COUNTY OF TALBOT	Former Landfill. Requires on-going management.
Hepburn Shire Council	SAILORS FALLS	2453 BALLAN-DAYLESFORD RD	Accidental spill/leak (non-industrial site). Requires on-going management.
Hindmarsh Shire Council	DIMBOOLA	C/A 15 32 & 32A PARISH OF WATCHEGATCHECA SALLMANS RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.
Hobsons Bay City Council	ALTONA	401 KORORoit CREEK RD	Current chemical storage facilty. Requires assessment and/or clean up.
Hobsons Bay City Council	ALTONA	541-583 KORORoit CREEK RD	Current chemical storage facilty. Requires assessment and/or clean up.
Hobsons Bay City Council	ALTONA	ELFIELD MEADOWS ESTATE DEFINED BY VOLUME 10426 FOLIO 035 & VOLUME 10369 FOLIO 278	Waste Acid Sulfate Soils. Requires on-going management.
Hobsons Bay City Council	ALTONA	FORMER ALTONA LANDFILL, QUEEN ST	Former Landfill. Requires on-going management.

LIST OF ISSUED CERTIFICATES AND STATEMENTS OF ENVIRONMENTAL AUDIT

This is a list of properties for which a certificate or statement of environmental audit has been issued under Part IXD of the *Environment Protection Act 1970* (the Act) since the environmental audit system commenced in 1990. The list is in two parts: certificates of environmental audit and statements of environmental audit.

Certificates and statements of environmental audit are statutory documents and are issued after a statutory environmental audit of a property has been conducted under the Act. Statutory environmental audits can only be conducted within the requirements of Section Part IXD of the Act, by persons appointed as environmental auditors under Section 53S(1) of the Act.

A *certificate of environmental audit* is issued for a property where, following an audit, an environmental auditor is of the opinion that the environmental condition of the land is suitable for any beneficial use. Beneficial uses are defined in Section 4 of the Act. Some examples of beneficial uses are:

- maintenance and preservation of natural ecosystems and associated wildlife
- maintenance of human health and wellbeing
- aesthetic enjoyment and amenity
- productive capacity of land for agriculture, silviculture or horticulture.

A *statement of environmental audit* is issued where, following an audit, an environmental auditor is of the opinion that the land is not suitable for all possible beneficial uses, but is suitable for specific uses or developments. A statement of environmental audit may contain conditions pertaining to clean-up or management of contamination. If there is a change in the land use for a property for which a statement of environmental audit has been issued, a new environmental audit may be necessary.

EPA updates this list periodically as environmental audits are completed and certificates and statements issued. The list is up to date as at the date printed in the bottom left-hand corner of the list.

Further information

Further information on the environmental audit system and management of potentially contaminated land is provided in relevant EPA publications as follows:

- *Environmental auditing of contaminated land* (publication 860)
- *Environmental auditor (contaminated land) guidelines for issue of certificates and statements of environmental audit* (publication 759)

These publications are available from the EPA Information Centre, Level 3, 200 Victoria Street, Carlton, Victoria 3053; telephone (03) 9695 2722.

Disclaimer

Environmental auditors who have conducted an audit pursuant to section IXD of the Act provide the information contained in this list to EPA. EPA does not conduct independent checks on the accuracy of this information. Anyone with a particular interest in a property should make his or her own further enquiries. EPA does not accept any responsibility for any claims, loss or damage of whatsoever kind arising out of any party's reliance on any information contained in or omitted from this list, nor does EPA accept responsibility for any claims, loss or damage arising out of the inclusion of any property on this list.

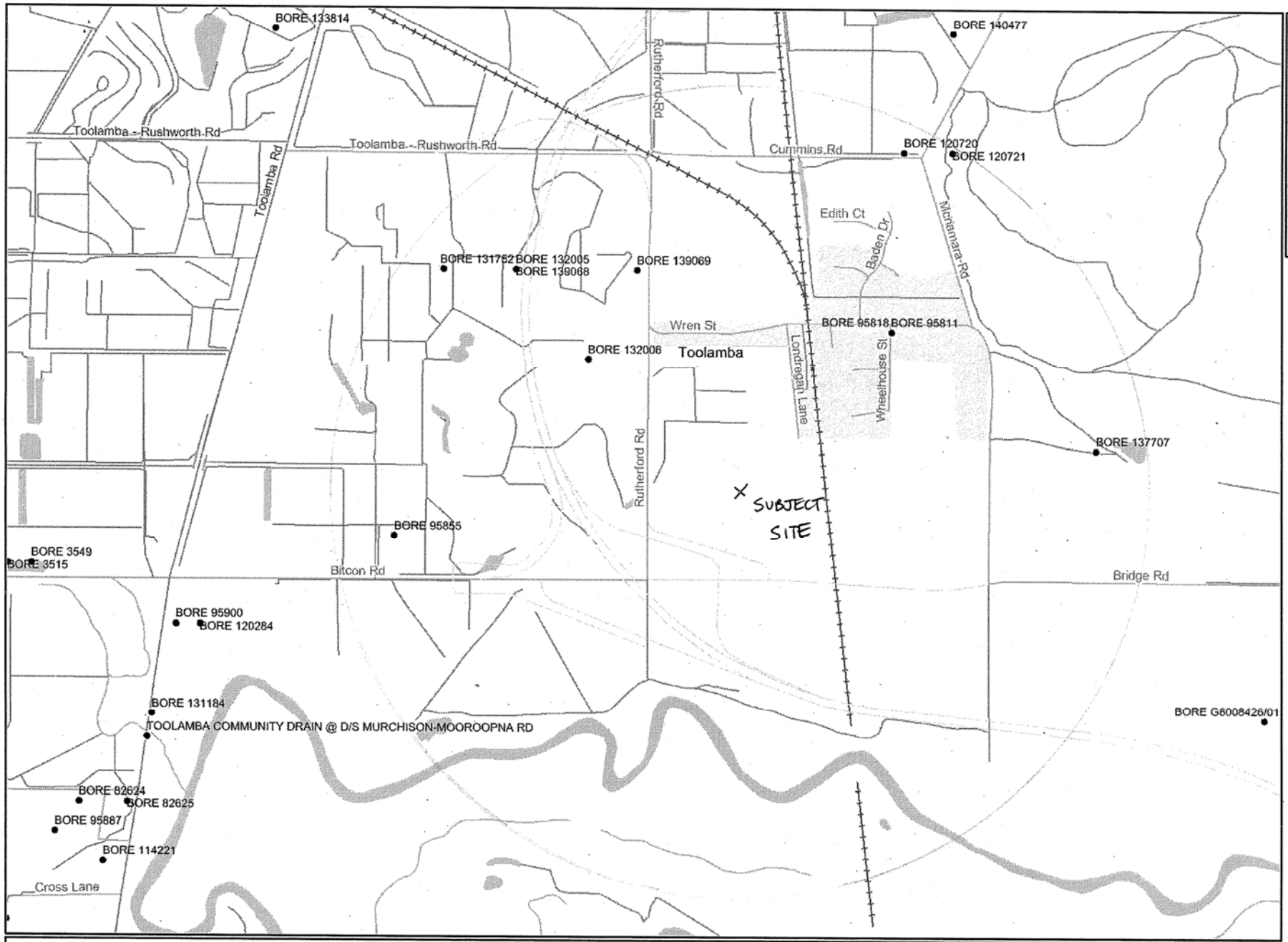
CERTIFICATES & STATEMENTS OF ENVIRONMENTAL AUDIT

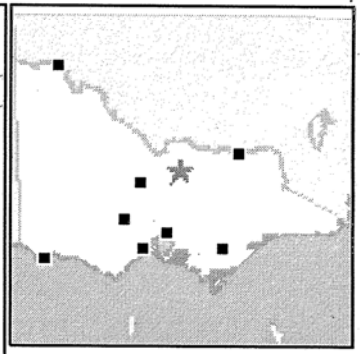
Issue	CARMS No	Municipality	Locality	Address	Completed	Avail. to view
Statement	51158-1	GREATER GEELONG CITY COUNCIL	WEST GEELONG	17 ISABELLA STREET	16 Jun 2003	✓
Certificate	55257-1	GREATER SHEPPARTON CITY COUNCIL	KIALLA	SEVEN CREEKS ESTATE 85 RAFTERY ROAD	15 Jul 2004	✓
Certificate	57978-1	GREATER SHEPPARTON CITY COUNCIL	KIALLA	SEVEN CREEKS ESTATE DEVELOPMENT SEVEN CREEKS DRIVE	07 Jul 2005	✓
Statement	32417-2	GREATER SHEPPARTON CITY COUNCIL	MOOROOPNA	FORMER MOOROOPNA BASE HOSPITAL FINBOROUGH STREET	23 Sep 1997	
Certificate	32417-1	GREATER SHEPPARTON CITY COUNCIL	MOOROOPNA	FORMER MOOROOPNA BASE HOSPITAL FINBOROUGH STREET	23 Sep 1997	✓
Certificate	28253-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	CALLISTER STREET	15 Feb 1996	✓
Statement	28145-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	ROSS ALAN DRIVE	23 Apr 1996	✓
Statement	24666-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	1 CNR MIDLAND HIGHWAY & ZURCAS LANE	01 Mar 1995	✓
Certificate	48716-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	12 KINGFISHER DRIVE	13 Sep 2002	✓
Certificate	47709-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	17-67 HASSETT STREET	23 Aug 2004	✓
Statement	47709-2	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	17-67 HASSETT STREET	23 Aug 2004	
Statement	28144-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	2 KING RICHARD ROAD	23 Apr 1996	✓
Certificate	48715-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	75 GOLF DRIVE	04 Sep 2002	✓

Issue	CARMS No	Municipality	Locality	Address	Completed	Avail. to view
Certificate	64049-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	75 RAFTERY ROAD	02 Sep 2008	✓
Statement	53919-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	FORMER BONLAC MILK FACTORY 428-452 WYNDHAM STREET	12 Jan 2005	✓
Certificate	53561-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	KIALLA GREEN TAIG AVENUE	08 Nov 2004	✓
Certificate	56361-2	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	PARKSIDE GARDENS 45 PARKSIDE DRIVE	05 Jan 2007	✓
Statement	56361-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	PARKSIDE GARDENS 45 PARKSIDE DRIVE	24 Jan 2005	✓
Certificate	56361-3	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	PARKSIDE GARDENS ESTATE PARKSIDE DRIVE	06 Jun 2008	✓
Certificate	53561-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	RIVERVIEW PARK RIVERVIEW DRIVE	08 Nov 2004	✓
Certificate	66332-1	GREATER SHEPPARTON CITY COUNCIL	SHEPPARTON	RUMBALARA ABORIGINAL COOPERATIVE 240 VERNEY ROAD	12 Oct 2009	✓
Certificate	60804-1	GREATER SHEPPARTON SHIRE	SHEPPARTON NORTH	270 VERNEY ROAD	16 Apr 2008	✓
Statement	29448-2	HOBSONS BAY CITY COUNCIL	ALTONA	CNR MILLERS RD & NOORDENNE AVE	21 Apr 1997	✓
Statement	29448-1	HOBSONS BAY CITY COUNCIL	ALTONA	CNR MILLERS RD & NOORDENNE AVE	06 Sep 1996	✓
Statement	47825-1	HOBSONS BAY CITY COUNCIL	ALTONA	42 BLYTH STREET	16 Apr 2002	✓
Statement	45982-1	HOBSONS BAY CITY COUNCIL	ALTONA	44 BLYTH STREET	26 Sep 2001	✓
Statement	55521-1	HOBSONS BAY CITY COUNCIL	ALTONA	585-609 KORORoit CREEK ROAD	24 Dec 2004	✓

Department of Sustainability and Environment

Map created Tue Aug 03 13:03:36 EST 2010





Legend

* Refer to page 2 for legend details

1.5 km radius

GN MN

Generated at http://nremap-sc.nre.vic.gov.au/MapShare.v2/

Produced on Tue Aug 03 13:03:41 EST 2010

Map Scale 1:20,000

NOT FOR NAVIGATION

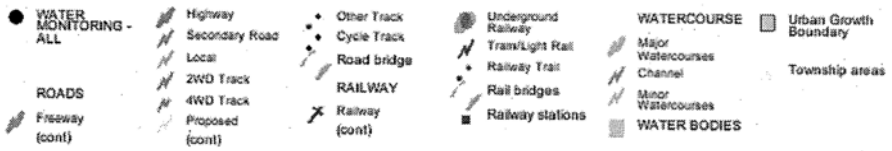
GDA Vicgrid94

Victoria The Place To Be

Department of Sustainability and Environment

Map created Tue Aug 03 13:03:36 EST 2010

Department of Sustainability and Environment



Generated at http://nremap-sc.nre.vic.gov.au/MapShare.v2/

Produced on Tue Aug 03 13:03:41 EST 2010

GDA
Vicgrid94

Victoria
The Place To Be

Appendix C

Environmental Borehole Logs

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH1
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH1-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH1-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH2
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH2-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH2-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH3
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH3-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH3-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH4
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH4-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH4-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH5
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH5-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH5-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH6
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH6-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH6-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH7
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH7-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH7-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH8
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH8-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH8-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH9
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH9-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH9-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH10
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH10-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH10-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH11
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH11-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH11-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH12
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH12-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH12-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH13
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH13-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH13-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH14
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH14-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH14-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH15
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH15-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH15-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH16
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH16-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow brown silty sand, very fine grained sand, medium dense	Moist	Natural	
0.5	BH16-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH17
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH17-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH17-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH18
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH18-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH18-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH19
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH19-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow brown silty sand, very fine grained sand, medium dense	Moist	Natural	
0.5	BH19-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH20
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH20-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH20-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH21
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH21-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH21-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH22
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH22-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow brown silty sand, very fine grained sand, medium dense	Moist	Natural	
0.5	BH22-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH23
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH23-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH23-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH24
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH24-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow brown silty sand, very fine grained sand, medium dense	Moist	Natural	
0.5	BH24-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH25
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH25-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow brown silty sand, very fine grained sand, medium dense	Moist	Natural	
0.5	BH25-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH26
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH26-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH26-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH27
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH27-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH27-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH28
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH28-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH28-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH29
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH29-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				CLAYEY SILT: Grey brown to red brown clayey silt to silt with some clay	Moist	Natural	
0.5	BH29-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH30
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH30-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH30-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH31
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH31-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH31-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH32
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH32-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH32-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH33
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH33-0.1	n/a		SILT: Dark brown silt to clayey silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH33-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH34
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH34-0.1	n/a		SILT: Dark brown silt with some clay and organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILT: Red brown silt to sandy silt with some clay, medium dense	Moist	Natural	
0.5	BH34-0.5	n/a					
				End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

ENVIRONMENTAL BOREHOLE LOG

VANTAGE ENVIRONMENTAL MANAGEMENT

Project:	**Environmental Site Assessment**
Location:	335 Rutherford Road, Toolamba VIC
Client:	Herdstown Pty Ltd
Project ID:	AL10-093-1B

Excavation Date(s):	09 July 2010	Logged by:	T. Hobbs
Method:	Rotary Auger Drill Rig	Checked by:	S. Price

Bore Hole ID:	BH35
Page:	1 of 1
Location:	See Figure 3

Depth (metres)	Sample Interval & ID	PID (ppm) 1 10 100 1000	Graphic Log	Lithologic Description	Moisture	Additional Observations	Well Construction
0.0	BH35-0.1	n/a		SANDY SILT: Dark brown sandy silt with some organic material (grass and rootlets), medium dense	Moist	Natural	n/a
				SILTY SAND: Yellow to grey brown silty sand to sandy silt, medium dense	Moist	Natural	
0.5	BH35-0.5	n/a		End of Hole at 0.6m			
1.0							
1.5							
2.0							
2.5							

Appendix D

Laboratory Chain of Custody Documentation
Sample Receipt Advices

TNT 331089857

CHAIN OF CUSTODY RECORD

Vantage Environmental Management
Suite 4, 539-541 Kiewa St (PO Box 378)
ALBURY NSW 2640
Phone: (02) 6021 8655

VANTAGE
ENVIRONMENTAL MANAGEMENT

TO LABORATORY: mgt Environmental - 3 Kingston Town Close OAKLEIGH VIC 3166 Phone: (03) 9564 7055

Project: TOOLAMBA | **Job No.** AL10 - 093 | **Contact:** Susannah Price sprice@venv.com.au M 0421 871 433

Special directions and/or comments: - Please note if custody seal is intact

Sample ID	Date	Comments	OCPs	OPPs	Metals	mgt St. 3	EPA screen	mgt St. 1
BH1-0.1	9/7/10	SOIL	X		X			
BH1-0.5								
BH2-0.1				X			X	
BH2-0.5			X		X			
BH3-0.1			X		X			
BH3-0.5								
BH4-0.1			X	X	X			
BH4-0.5			X		X			
BH5-0.1			X		X			
BH5-0.5								
BH6-0.1			X	X	X			
BH6-0.5								
BH7-0.1			X		X			
BH7-0.5								
BH8-0.1			X		X			
BH8-0.5								
BH9-0.1			X		X			
BH9-0.5								
BH10-0.1			X	X		X		
BH10-0.5						X		
BH11-0.1			X		X			
BH11-0.5								
BH12-0.1			X	X		X		
BH12-0.5								
BH13-0.1	↓	↓		X			X	

ANALYTES

Use secondary laboratory? YES / NO

Ecowise Environmental
Carribean Business Park
22 Dalmore Drive
SCORESBY VIC 3179
(03) 8756 8000

Relinquished by: S. PRICE	Received by: mgt - John
Date and Time: 9/7/10 4 pm	Date and Time: 12/7/10 9:05
Signature: SPrice	Signature:
Shipment Method: Courier (TNT)	Report No.: 270137

Turnaround time: (Standard) 3-4 day 2 day 48 hr 24 hr

CHAIN OF CUSTODY RECORD

Vantage Environmental Management
Suite 4, 539-541 Kiewa St (PO Box 378)
ALBURY NSW 2640
Phone: (02) 6021 8655

VANTAGE ENVIRONMENTAL MANAGEMENT

TO LABORATORY: mgt Environmental - 3 Kingston Town Close OAKLEIGH VIC 3166 Phone: (03) 9564 7055

Project: TOOLAMBA | **Job No.** AL10 - 093 | **Contact:** Susannah Price sprice@venv.com.au M 0421 871 433

Special directions and/or comments: - Please note if custody seal is intact

Sample ID	Date	Comments	ANALYTES: OCPs	OPPs	Metals	mgt St 3	EPA screen	mgt St 1
BH13-0.5	9/7/10	SOIL	X		X			
BH14-0.1			X	X	X			
BH14-0.5								
BH15-0.1			X		X			
BH15-0.5								
BH16-0.1			X	X	X			
BH16-0.5								
BH17-0.1			X		X			
BH17-0.5								
BH18-0.1			X	X		X		
BH18-0.5						X		
BH19-0.1			X	X		X		
BH19-0.5			X			X		
BH20-0.1			X	X	X			
BH20-0.5			X		X			
BH21-0.1			X		X			
BH21-0.5								
BH22-0.1			X		X			
BH22-0.5								
BH23-0.1			X		X			
BH23-0.5								
BH24-0.1				X			X	
BH24-0.5			X		X			
BH25-0.1			X		X			
BH25-0.5	↓	↓						

Use secondary laboratory? (YES) NO

Ecowise Environmental
Carribean Business Park
22 Dalmore Drive
SCORESBY VIC 3179
(03) 8756 8000

Relinquished by: S. PRICE	**Received by:** John - MGT
Date and Time: 9/7/10 4pm	**Date and Time:** 12/7/10 - 9.00am
Signature: SPrice	**Signature:**
Shipment Method: Courier (TNT)	**Report No.:** 270137

Turnaround time: (Standard) 3-4 day 2 day 48 hr 24 hr

CHAIN OF CUSTODY RECORD

Vantage Environmental Management
Suite 4, 539-541 Kiewa St (PO Box 378)
ALBURY NSW 2640
Phone: (02) 6021 8655

VANTAGE
ENVIRONMENTAL MANAGEMENT

TO LABORATORY: mgt Environmental - 3 Kingston Town Close OAKLEIGH VIC 3166 Phone: (03) 9564 7055

Project: TOOLAMBA | **Job No.** AL10-093 | **Contact:** Susannah Price sprice@venv.com.au M 0421 871 433

Special directions and/or comments: - Please note if custody seal is intact

Use secondary laboratory? (YES) NO

Ecowise Environmental
Carribean Business Park
22 Dalmore Drive
SCORESBY VIC 3179
(03) 8756 8000

	Sample ID	Date	Comments	ANALYTES: OCPs	OPPs	Metals	mgt St 3	EPA screen	mgt St 1	Asbestos
	BH26-0.1	9/7/10	SOIL	X	X	X				
	BH26-0.5									
	BH27-0.1			X	X		X			
	BH27-0.5						X			
	BH28-0.1			X	X	X				
	BH28-0.5									
	BH29-0.1			X			X			
	BH29-0.5						X			
	BH30-0.1			X	X	X				
	BH30-0.5			X		X				
	BH31-0.1			X			X			
	BH31-0.5						X			
	BH32-0.1				X			X		
	BH32-0.5			X		X				
	BH33-0.1			X	X	X				
	BH33-0.5									
	BH34-0.1				X			X		X
	BH34-0.5			X			X			
	BH35-0.1				X			X		X
	BH35-0.5			X			X			
*	DUP-A			X		X				
	DUP-B			X	X	X				
*	DUP-C			X		X				
	DUP-D		↓	X	X		X			
	WB9710	✓	WATER				X			

* TO ECOWISE

* TO ECOWISE

Relinquished by:	S. PRICE
Date and Time:	9/7/10 4pm
Signature:	Sprice
Shipment Method:	Courier (TNT)
Received by:	John-MGT
Date and Time:	12/7/10 - 9.00am
Signature:	
Report No.:	270137

Turnaround time: ~~Standard~~ 3-4 day 2 day 48 hr 24 hr

CHAIN OF CUSTODY RECORD

Vantage Environmental Management
Suite 4, 539-541 Kiewa St (PO Box 378)
ALBURY NSW 2640
Phone: (02) 6021 8655

VANTAGE
ENVIRONMENTAL MANAGEMENT

TO LABORATORY: mgt Environmental - 3 Kingston Town Close OAKLEIGH VIC 3166 Phone: (03) 9564 7055

Project: TOOLAMBA	**Job No.** AL10-093	**Contact:** Susannah Price sprice@venv.com.au M 0421 871 433

Special directions and/or comments: - Please note if custody seal is intact

Sample ID	Date	Comments	ANALYTES: OCPs	OPPs	Metals	mgt ST 3	EPA Screen	mgt ST 1								Use secondary laboratory? YES / NO
TB9710	9/7/10	WATER						X								
TS9710	↓	↓						X								

Ecowise Environmental
Carribean Business Park
22 Dalmore Drive
SCORESBY VIC 3179
(03) 8756 8000

Relinquished by: S.PRICE	**Received by:** John-MGT	**Turnaround time:**
Date and Time: 9/7/10 4p.m.	**Date and Time:** 12/7/10 9.00 am	(Standard) 3-4 day 2 day
Signature: SPrice	**Signature:** J. Patton	48 hr 24 hr
Shipment Method: Courier (TNT)	**Report No.:** 270137	

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Sample Receipt Advice

Company name: **Vantage Environmental Management**

Contact name: Susannah Price
Client job number: TOOLAMBA AL10-093
COC number: Not provided
Turn around time: 5 Day
Date received: Jul 12, 2010
MGT lab reference: **270137**

Sample information

☑ A detailed list of analytes logged into our LIMS, is included in the attached summary table.

☑ All samples have been received as described on the above COC.

☑ COC has been completed correctly.

☑ Attempt to chill was evident.

☑ Appropriately preserved sample containers have been used.

☑ All samples were received in good condition.

☑ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

☑ Organic samples had Teflon liners.

☑ Sample containers for volatile analysis received with zero headspace.

☒ Some samples have been subcontracted.

Yes Custody Seals intact (if used).

Contact notes

If you have any questions with respect to these samples please contact:

Tammy Lakeland on Phone : (03) 9564 7055 or by e.mail: tammyl@mgtenv.com.au

Results will be delivered electronically via e.mail to Susannah Price - sprice@vantageenv.com.au.

mgt Sample Receipt

Appendix E

Laboratory Certificate of Analysis

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

CERTIFICATE OF ANALYSIS

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury
New South Wales 2640
Site: TOOLAMBA AL10-093

Report Number: 270137-V1 Page 1 of 81
Order Number:
Date Received: Jul 12, 2010
Date Sampled: Jul 9, 2010
Date Reported: Jul 20, 2010
Contact: Susannah Price

Methods

- USEPA 6020 Heavy Metals & USEPA 7470/71 Mercury
- USEPA 8270C Phenols
- USEPA 8082 Polychlorinated Biphenyls
- USEPA 8141A Organophosphorus Pesticides
- USEPA 8121 Chlorinated Hydrocarbons
- USEPA 8081A Organochlorine Pesticides
- USEPA 8270C Polycyclic Aromatic Hydrocarbons
- USEPA 8260B - MGT 350A Monocyclic Aromatic Hydrocarbons
- TRH C6-C36 - MGT 100A
- USEPA 9010B Cyanide
- Method 102 - ANZECC - % Moisture

Comments

Please note: Asbestos was analysed at LRM Global. Job number 2904.000, Batch number B1418. NATA accreditation 15684.

Notes

Authorised

Report Number: 270137-V1

Michael Wright
Senior Principal Chemist
NATA Signatory

Tammy Lakeland
Client Manager
NATA Signatory

Orlando Scalzo
Chief Organic Chemist
NATA Signatory

Andrew Cook
Chief Inorganic Chemist

GLOSSARY OF TERMS

UNITS

mg/kg	milligrams per Kilogram	**mg/l**	milligrams per litre
ug/l	micrograms per litre	**ppm**	Parts per million
ppb	Parts per billion	**%**	Percentage
org/100ml	Organisms per 100 millilitres	**NTU**	Units

TERMS

Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
LOR	Limit of Reporting.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
LCS	Laboratory Control Sample - reported as percent recovery
CRM	Certified Reference Material - reported as percent recovery
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands. In the case of water samples these are performed on de-ionised water.
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
Batch Duplicate	A second piece of analysis from a sample outside of the clients batch of samples but run within the laboratory batch of analysis.
Batch SPIKE	Spike recovery reported on a sample from outside of the clients batch of samples but run within the laboratory batch of analysis.
USEPA	United States Environment Protection Authority
APHA	American Public Health Association
ASLP	Australian Standard Leaching Procedure (AS4439.3)
TCLP	Toxicity Characteristic Leaching Procedure
COC	Chain of Custody
SRA	Sample Receipt Advice

QC - ACCEPTANCE CRITERIA

RPD Duplicates	Results <10 times the LOR : No Limit Results between 10-20 times LOR : RPD must lie between 0-50% Results >20 times LOR : RPD must lie between 0-20%
LCS Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
CRM Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
Method Blanks	Not to exceed LOR
SPIKE Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
Surrogate Recoveries	Recoveries must lie between 50-150% - Phenols 20-130%

GENERAL COMMENTS

1. All results in this report supersede any previously corresponded results.
2. All soil results are reported on a dry basis.
3. Samples are analysed on an as received basis.

QC DATA GENERAL COMMENTS

1. Where a result is reported as a less than (<), higher than the nominated LOR this is due to either Matrix Interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. Organochlorine Pesticide analysis - where reporting LCS data, Toxaphene & Chlordane are not added to the LCS.
4. Orgaonchlorine Pesticide analysis - where reporting Spike data, Toxaphene is not added to the Spike.
5. Total Recoverable Hydrocarbons - where reporting Spike & LCS data, a single spike of commercial Hydrocarbon products in the range of C12-C30 is added and it's Total Recovery is reported in the C10-C14 cell of the Report.
6. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of Recovery the term "INT" appears against that analyte.
7. Polychlorinated Biphenyls are spiked only using Arochlor 1260 in Matrix Spikes and LCS's.
8. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
9. Duplicate RPD's are calculated from raw analytical data thus it is possible to have two two sets of data below the LOR with a positive RPD - eg: LOR 0.1, Result A = <0.1 (raw data is 0.02) & Result B = <0.1 (raw data is 0.03) resulting in a RPD of 40% calculated from the raw data.

REPORT SPECIFIC NOTES

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh VIC 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Company Name: Vantage Environmental Management
Address: Suite 4 539-541 Kiewa St
Albury
New South Wales 2640

Order No.:
Report #: 270137
Phone: (02) 6021 8655
Fax: (02) 6021 8666

Received: Jul 12, 2010 12:00
Due: Jul 19, 2010 11:11
Priority: 5 Day
Contact name: Susannah Price

Client Job No.: TOOLAMBA AL10-093

mgt Client Manager: Tammy Lakeland

Sample Detail					% Moisture	Antimony	Arsenic	Asbestos	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Tin	TRH C6-C9 Fraction by GC	Zinc	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	EPA Screen	MGT Suite #3
Laboratory where analysis is conducted																												
Melbourne Laboratory - NATA Site #1254					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sydney Laboratory - NATA Site #18217																												
Sample ID	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																								
BH1-0.1	Jul 09, 2010		Soil	O10-JL03960	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH2-0.1	Jul 09, 2010		Soil	O10-JL03961	X																					X	X	
BH2-0.5	Jul 09, 2010		Soil	O10-JL03962	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH3-0.1	Jul 09, 2010		Soil	O10-JL03963	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH4-0.1	Jul 09, 2010		Soil	O10-JL03964	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH4-0.5	Jul 09, 2010		Soil	O10-JL03965	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH5-0.1	Jul 09, 2010		Soil	O10-JL03966	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH6-0.1	Jul 09, 2010		Soil	O10-JL03967	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH7-0.1	Jul 09, 2010		Soil	O10-JL03968	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH8-0.1	Jul 09, 2010		Soil	O10-JL03969	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH9-0.1	Jul 09, 2010		Soil	O10-JL03970	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH10-0.1	Jul 09, 2010		Soil	O10-JL03971	X																				X	X		X
BH10-0.5	Jul 09, 2010		Soil	O10-JL03972	X																							X
BH11-0.1	Jul 09, 2010		Soil	O10-JL03973	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH12-0.1	Jul 09, 2010		Soil	O10-JL03974	X																				X	X		X
BH13-0.1	Jul 09, 2010		Soil	O10-JL03975	X																					X	X	
BH13-0.5	Jul 09, 2010		Soil	O10-JL03976	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH14-0.1	Jul 09, 2010		Soil	O10-JL03977	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH15-0.1	Jul 09, 2010		Soil	O10-JL03978	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH16-0.1	Jul 09, 2010		Soil	O10-JL03979	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh VIC 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Company Name: Vantage Environmental Management
Address: Suite 4 539-541 Kiewa St
Albury
New South Wales 2640

Order No.:
Report #: 270137
Phone: (02) 6021 8655
Fax: (02) 6021 8666

Received: Jul 12, 2010 12:00
Due: Jul 19, 2010 11:11
Priority: 5 Day
Contact name: Susannah Price

Client Job No.: TOOLAMBA AL10-093

mgt Client Manager: Tammy Lakeland

Sample Detail					% Moisture	Antimony	Arsenic	Asbestos	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Tin	TRH C6-C9 Fraction by GC	Zinc	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	EPA Screen	MGT Suite #3
Laboratory where analysis is conducted																												
Melbourne Laboratory - NATA Site #1254					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sydney Laboratory - NATA Site #18217																												
Sample ID	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																								
BH17-0.1	Jul 09, 2010		Soil	O10-JL03980	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH18-0.1	Jul 09, 2010		Soil	O10-JL03981	X																				X	X		X
BH18-0.5	Jul 09, 2010		Soil	O10-JL03982	X																							X
BH19-0.1	Jul 09, 2010		Soil	O10-JL03983	X																				X	X		X
BH19-0.5	Jul 09, 2010		Soil	O10-JL03984	X																				X			X
BH20-0.1	Jul 09, 2010		Soil	O10-JL03985	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH20-0.5	Jul 09, 2010		Soil	O10-JL03986	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH21-0.1	Jul 09, 2010		Soil	O10-JL03987	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH22-0.1	Jul 09, 2010		Soil	O10-JL03988	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH23-0.1	Jul 09, 2010		Soil	O10-JL03989	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH24-0.1	Jul 09, 2010		Soil	O10-JL03990	X																					X	X	
BH24-0.5	Jul 09, 2010		Soil	O10-JL03991	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH25-0.1	Jul 09, 2010		Soil	O10-JL03992	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH26-0.1	Jul 09, 2010		Soil	O10-JL03993	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH27-0.1	Jul 09, 2010		Soil	O10-JL03994	X																				X	X		X
BH27-0.5	Jul 09, 2010		Soil	O10-JL03995	X																							X
BH28-0.1	Jul 09, 2010		Soil	O10-JL03996	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH29-0.1	Jul 09, 2010		Soil	O10-JL03997	X																				X			X
BH29-0.5	Jul 09, 2010		Soil	O10-JL03998	X																							X
BH30-0.1	Jul 09, 2010		Soil	O10-JL03999	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh VIC 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Company Name: Vantage Environmental Management
Address: Suite 4 539-541 Kiewa St
Albury
New South Wales 2640

Order No.:
Report #: 270137
Phone: (02) 6021 8655
Fax: (02) 6021 8666

Received: Jul 12, 2010 12:00
Due: Jul 19, 2010 11:11
Priority: 5 Day
Contact name: Susannah Price

Client Job No.: TOOLAMBA AL10-093

mgt Client Manager: Tammy Lakeland

Sample Detail					% Moisture	Antimony	Arsenic	Asbestos	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Tin	TRH C6-C9 Fraction by GC	Zinc	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	EPA Screen	MGT Suite #3
Laboratory where analysis is conducted																												
Melbourne Laboratory - NATA Site #1254					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sydney Laboratory - NATA Site #18217																												
Sample ID	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																								
BH30-0.5	Jul 09, 2010		Soil	O10-JL04000	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH31-0.1	Jul 09, 2010		Soil	O10-JL04001	X																							X
BH31-0.5	Jul 09, 2010		Soil	O10-JL04002	X																							X
BH32-0.1	Jul 09, 2010		Soil	O10-JL04003	X																					X	X	
BH32-0.5	Jul 09, 2010		Soil	O10-JL04004	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH33-0.1	Jul 09, 2010		Soil	O10-JL04005	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH34-0.1	Jul 09, 2010		Soil	O10-JL04006	X			X																		X	X	
BH34-0.5	Jul 09, 2010		Soil	O10-JL04007	X																				X			X
BH35-0.1	Jul 09, 2010		Soil	O10-JL04008	X			X																		X	X	
BH35-0.5	Jul 09, 2010		Soil	O10-JL04009	X																				X			X
DUP-B	Jul 09, 2010		Soil	O10-JL04010	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
DUP-D	Jul 09, 2010		Soil	O10-JL04011	X																				X	X		X
WB9710	Jul 09, 2010		Water	O10-JL04012																								X
TB9710	Jul 09, 2010		Water	O10-JL04013																		X		X				
TS9710	Jul 09, 2010		Water	O10-JL04014																		X		X				

Vantage Environmental Management	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	-	-
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	-	-
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	-	-
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	-	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	-	-
Toluene	0.05	mg/kg	-	< 0.05	-	-
Ethylbenzene	0.05	mg/kg	-	< 0.05	-	-
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	-	-
Fluorobenzene (surr.)	1	%	-	97	-	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	< 0.1	-	-
Acenaphthylene	0.1	mg/kg	-	< 0.1	-	-
Anthracene	0.1	mg/kg	-	< 0.1	-	-
Benz(a)anthracene	0.1	mg/kg	-	< 0.1	-	-
Benzo(a)pyrene	0.1	mg/kg	-	< 0.1	-	-
Benzo(b)fluoranthene	0.1	mg/kg	-	< 0.1	-	-
Benzo(g.h.i)perylene	0.1	mg/kg	-	< 0.1	-	-
Benzo(k)fluoranthene	0.1	mg/kg	-	< 0.1	-	-
Chrysene	0.1	mg/kg	-	< 0.1	-	-
Dibenz(a.h)anthracene	0.1	mg/kg	-	< 0.1	-	-
Fluoranthene	0.1	mg/kg	-	< 0.1	-	-
Fluorene	0.1	mg/kg	-	< 0.1	-	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	< 0.1	-	-
Naphthalene	0.1	mg/kg	-	< 0.1	-	-
Phenanthrene	0.1	mg/kg	-	< 0.1	-	-
Pyrene	0.1	mg/kg	-	< 0.1	-	-
Total PAH	0.1	mg/kg	-	< 0.1	-	-
p-Terphenyl-d14 (surr.)	1	%	-	116	-	-
2-Fluorobiphenyl (surr.)	1	%	-	118	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
	Lab Number		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	109	92	137	139
Tetrachloro-m-xylene (surr.)	1	%	103	98	118	141
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	< 0.2	-	-
1.2.3-Trichlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	< 0.05	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
	Lab Number		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.3-Dichlorobenzene	0.2	mg/kg	-	< 0.2	-	-
1.3.5-Trichlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.4-Dichlorobenzene	0.2	mg/kg	-	< 0.2	-	-
Benzal chloride	0.05	mg/kg	-	< 0.05	-	-
Benzotrichloride	0.05	mg/kg	-	< 0.05	-	-
Benzyl chloride	0.2	mg/kg	-	< 0.2	-	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
Hexachlorobutadiene	0.05	mg/kg	-	< 0.05	-	-
Hexachlorocyclopentadiene	0.05	mg/kg	-	< 0.05	-	-
Hexachloroethane	0.05	mg/kg	-	< 0.05	-	-
Pentachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
Dibutylchlorendate (surr.)	1	%	-	92	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	98	-	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	-
Demeton-O	0.2	mg/kg	-	< 0.2	-	-
Diazinon	0.2	mg/kg	-	< 0.2	-	-
Dichlorvos	0.2	mg/kg	-	< 0.2	-	-
Disulfoton	0.2	mg/kg	-	< 0.2	-	-
Ethion	0.2	mg/kg	-	< 0.2	-	-
Ethoprop	0.2	mg/kg	-	< 0.2	-	-
Fenitrothion	0.2	mg/kg	-	< 0.2	-	-
Fensulfothion	0.2	mg/kg	-	< 0.2	-	-
Fenthion	0.2	mg/kg	-	< 0.2	-	-
Merphos	0.2	mg/kg	-	< 0.5	-	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	< 0.2	-	-
Mevinphos	0.2	mg/kg	-	< 0.2	-	-
Naled	0.5	mg/kg	-	< 0.5	-	-
Phorate	0.2	mg/kg	-	< 0.2	-	-
Ronnel	0.2	mg/kg	-	< 0.2	-	-
Tokuthion	0.2	mg/kg	-	< 0.2	-	-
Trichloronate	0.2	mg/kg	-	< 0.2	-	-
Triphenylphosphate (surr.)	1	%	-	59	-	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1221	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1232	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1242	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1248	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	-
Total PCB	0.1	mg/kg	-	< 0.1	-	-
Dibutylchlorendate (surr.)	1	%	-	92	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	98	-	-
Phenols						
2-Chlorophenol	0.2	mg/kg	-	< 0.2	-	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	-	-
2-Nitrophenol	0.5	mg/kg	-	< 0.5	-	-
2.4-Dichlorophenol	0.2	mg/kg	-	< 0.2	-	-
2.4-Dimethylphenol	0.2	mg/kg	-	< 0.2	-	-
2.4.6-Trichlorophenol	0.2	mg/kg	-	< 0.2	-	-
2.6-Dichlorophenol	0.2	mg/kg	-	< 0.2	-	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	-	-
4-Chloro-3-methylphenol	0.2	mg/kg	-	< 0.2	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
	Lab Number		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	< 0.5	-	-
Phenol	0.2	mg/kg	-	< 0.2	-	-
Phenol-d6 (surr.)	1	%	-	37	-	-
% Moisture	0.1	%	19	15	16	15
Cyanide (total)	5	mg/kg	-	< 5	-	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	7.2	4.6	6.5	7.1
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	27	22	26	33
Cobalt	5	mg/kg	11	14	11	10
Copper	5	mg/kg	9.8	7.4	8.9	6.6
Lead	5	mg/kg	23	19	20	24
Manganese	5	mg/kg	620	1900	420	750
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	19	13	20	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	-	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	38	29	31	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH4-0.1**	**BH4-0.5**	**BH5-0.1**	**BH6-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03964**	**O10-JL03965**	**O10-JL03966**	**O10-JL03967**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	150	125	132	135
Tetrachloro-m-xylene (surr.)	1	%	124	132	133	124
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH4-0.1**	**BH4-0.5**	**BH5-0.1**	**BH6-0.1**
	Lab Number		**O10-JL03964**	**O10-JL03965**	**O10-JL03966**	**O10-JL03967**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Ethion	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Merphos	0.2	mg/kg	< 0.5	-	-	< 0.5
Methyl azinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Naled	0.5	mg/kg	< 0.5	-	-	< 0.5
Phorate	0.2	mg/kg	< 0.2	-	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	60	-	-	59
% Moisture	0.1	%	17	16	17	22
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	7.5	6.3	5.2	3.8
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	29	25	19	22
Cobalt	5	mg/kg	11	8.7	6.3	6.9
Copper	5	mg/kg	12	10	11	13
Lead	5	mg/kg	19	18	16	17
Manganese	5	mg/kg	490	750	540	580
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH4-0.1**	**BH4-0.5**	**BH5-0.1**	**BH6-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03964**	**O10-JL03965**	**O10-JL03966**	**O10-JL03967**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Nickel	5	mg/kg	22	20	17	21
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	33	37	25	41
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH7-0.1**	**BH8-0.1**	**BH9-0.1**	**BH10-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03968**	**O10-JL03969**	**O10-JL03970**	**O10-JL03971**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	-	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	-	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	-	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	-	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	-	< 0.05
Toluene	0.05	mg/kg	-	-	-	< 0.05
Ethylbenzene	0.05	mg/kg	-	-	-	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	-	< 0.05
Fluorobenzene (surr.)	1	%	-	-	-	96
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH7-0.1**	**BH8-0.1**	**BH9-0.1**	**BH10-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03968**	**O10-JL03969**	**O10-JL03970**	**O10-JL03971**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	123	113	121	125
Tetrachloro-m-xylene (surr.)	1	%	131	127	123	128
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	-	< 0.2
Demeton-O	0.2	mg/kg	-	-	-	< 0.2
Diazinon	0.2	mg/kg	-	-	-	< 0.2
Dichlorvos	0.2	mg/kg	-	-	-	< 0.2
Disulfoton	0.2	mg/kg	-	-	-	< 0.2
Ethion	0.2	mg/kg	-	-	-	< 0.2
Ethoprop	0.2	mg/kg	-	-	-	< 0.2
Fenitrothion	0.2	mg/kg	-	-	-	< 0.2
Fensulfothion	0.2	mg/kg	-	-	-	< 0.2
Fenthion	0.2	mg/kg	-	-	-	< 0.2
Merphos	0.2	mg/kg	-	-	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	-	-	< 0.2
Methyl parathion	0.2	mg/kg	-	-	-	< 0.2
Mevinphos	0.2	mg/kg	-	-	-	< 0.2
Naled	0.5	mg/kg	-	-	-	< 0.5
Phorate	0.2	mg/kg	-	-	-	< 0.2
Ronnel	0.2	mg/kg	-	-	-	< 0.2
Tokuthion	0.2	mg/kg	-	-	-	< 0.2
Trichloronate	0.2	mg/kg	-	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	-	59
% Moisture	0.1	%	14	12	14	22
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH7-0.1**	**BH8-0.1**	**BH9-0.1**	**BH10-0.1**
	Lab Number		**O10-JL03968**	**O10-JL03969**	**O10-JL03970**	**O10-JL03971**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	8.7	3.8	5.8	6.0
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	17	19	23	27
Cobalt	5	mg/kg	6.0	9.8	8.0	12
Copper	5	mg/kg	5.2	5.0	11	9.1
Lead	5	mg/kg	15	15	17	22
Manganese	5	mg/kg	570	1600	1000	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	11	11	22	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	-	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	30	27	34	40
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	-	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	-	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	-	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	-	< 100	210
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toluene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	97	-	97	108
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	-	< 0.1
Acenaphthylene	0.1	mg/kg	-	-	-	< 0.1
Anthracene	0.1	mg/kg	-	-	-	< 0.1
Benz(a)anthracene	0.1	mg/kg	-	-	-	< 0.1
Benzo(a)pyrene	0.1	mg/kg	-	-	-	< 0.1
Benzo(b)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	-	< 0.1
Benzo(k)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Chrysene	0.1	mg/kg	-	-	-	< 0.1
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	-	< 0.1
Fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Fluorene	0.1	mg/kg	-	-	-	< 0.1
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	-	< 0.1
Naphthalene	0.1	mg/kg	-	-	-	< 0.1
Phenanthrene	0.1	mg/kg	-	-	-	< 0.1
Pyrene	0.1	mg/kg	-	-	-	< 0.1
Total PAH	0.1	mg/kg	-	-	-	< 0.1
p-Terphenyl-d14 (surr.)	1	%	-	-	-	107
2-Fluorobiphenyl (surr.)	1	%	-	-	-	118

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
	Lab Number		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	87	107	99
Tetrachloro-m-xylene (surr.)	1	%	-	98	118	127
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
	Lab Number		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.3-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.4-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
Benzal chloride	0.05	mg/kg	-	-	-	< 0.05
Benzotrichloride	0.05	mg/kg	-	-	-	< 0.05
Benzyl chloride	0.2	mg/kg	-	-	-	< 0.2
Hexachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorobutadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachloroethane	0.05	mg/kg	-	-	-	< 0.05
Pentachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Dibutylchlorendate (surr.)	1	%	-	-	-	99
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	127
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	-	< 0.5	< 0.5
Methyl azinphos	0.2	mg/kg	-	-	< 0.2	< 0.2

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Naled	0.5	mg/kg	-	-	< 0.5	< 0.5
Phorate	0.2	mg/kg	-	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	62	62
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	-	-	< 0.1
Total PCB	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	99
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	127
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	-	< 0.2
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	-	< 0.2
2-Nitrophenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.4-Dimethylphenol	0.2	mg/kg	-	-	-	< 0.2
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.6-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	-	< 0.5
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
	Lab Number		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	-	< 0.5
Phenol	0.2	mg/kg	-	-	-	< 0.2
Phenol-d6 (surr.)	1	%	-	-	-	93
% Moisture	0.1	%	13	15	22	25
Cyanide (total)	5	mg/kg	-	-	-	< 5
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	5.9	6.8	7.1	4.5
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	-	< 10	-	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	25	31	32	19
Cobalt	5	mg/kg	11	13	11	9.1
Copper	5	mg/kg	10	7.5	7.6	13
Lead	5	mg/kg	18	24	23	16
Manganese	5	mg/kg	-	1100	-	1100
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	24	13	12	10
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	< 5	-	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	33	33	33	55
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH13-0.5**	**BH14-0.1**	**BH15-0.1**	**BH16-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03976**	**O10-JL03977**	**O10-JL03978**	**O10-JL03979**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	110	117	100	92
Tetrachloro-m-xylene (surr.)	1	%	121	130	102	115
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH13-0.5**	**BH14-0.1**	**BH15-0.1**	**BH16-0.1**
	Lab Number		**O10-JL03976**	**O10-JL03977**	**O10-JL03978**	**O10-JL03979**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.5	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Naled	0.5	mg/kg	-	< 0.5	-	< 0.5
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	64	-	63
% Moisture	0.1	%	17	20	23	9.5
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.7	5.6	4.3	5.7
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	28	28	18	25
Cobalt	5	mg/kg	14	7.3	7.8	8.5
Copper	5	mg/kg	12	8.1	9.7	9.9
Lead	5	mg/kg	20	18	17	17
Manganese	5	mg/kg	1300	790	1400	490
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH13-0.5**	**BH14-0.1**	**BH15-0.1**	**BH16-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03976**	**O10-JL03977**	**O10-JL03978**	**O10-JL03979**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Nickel	5	mg/kg	25	13	11	15
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	47	31	38	28
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH17-0.1**	**BH18-0.1**	**BH18-0.5**	**BH19-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03980**	**O10-JL03981**	**O10-JL03982**	**O10-JL03983**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	96	101	88
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH17-0.1**	**BH18-0.1**	**BH18-0.5**	**BH19-0.1**
	Lab Number		**O10-JL03980**	**O10-JL03981**	**O10-JL03982**	**O10-JL03983**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	101	89	-	100
Tetrachloro-m-xylene (surr.)	1	%	113	114	-	132
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.5	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Naled	0.5	mg/kg	-	< 0.5	-	< 0.5
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	63	-	69
% Moisture	0.1	%	21	16	13	18
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH17-0.1**	**BH18-0.1**	**BH18-0.5**	**BH19-0.1**
	Lab Number		**O10-JL03980**	**O10-JL03981**	**O10-JL03982**	**O10-JL03983**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	5.2	4.5	4.1	6.1
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	-	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	27	19	17	28
Cobalt	5	mg/kg	11	9.4	8.2	20
Copper	5	mg/kg	8.4	8.7	7.0	7.3
Lead	5	mg/kg	19	18	15	23
Manganese	5	mg/kg	1400	-	-	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	14	11	13	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	35	33	29	33
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH19-0.5**	**BH20-0.1**	**BH20-0.5**	**BH21-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03984**	**O10-JL03985**	**O10-JL03986**	**O10-JL03987**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	-	-	-
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	-	-	-
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	-	-	-
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	-	-	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	-	-	-
Toluene	0.05	mg/kg	< 0.05	-	-	-
Ethylbenzene	0.05	mg/kg	< 0.05	-	-	-
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	-	-	-
Fluorobenzene (surr.)	1	%	99	-	-	-
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH19-0.5**	**BH20-0.1**	**BH20-0.5**	**BH21-0.1**
	Lab Number		**O10-JL03984**	**O10-JL03985**	**O10-JL03986**	**O10-JL03987**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	105	90	99	104
Tetrachloro-m-xylene (surr.)	1	%	129	80	121	104
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	-
Demeton-O	0.2	mg/kg	-	< 0.2	-	-
Diazinon	0.2	mg/kg	-	< 0.2	-	-
Dichlorvos	0.2	mg/kg	-	< 0.2	-	-
Disulfoton	0.2	mg/kg	-	< 0.2	-	-
Ethion	0.2	mg/kg	-	< 0.2	-	-
Ethoprop	0.2	mg/kg	-	< 0.2	-	-
Fenitrothion	0.2	mg/kg	-	< 0.2	-	-
Fensulfothion	0.2	mg/kg	-	< 0.2	-	-
Fenthion	0.2	mg/kg	-	< 0.2	-	-
Merphos	0.2	mg/kg	-	< 0.2	-	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	-
Methyl parathion	0.2	mg/kg	-	< 0.2	-	-
Mevinphos	0.2	mg/kg	-	< 0.2	-	-
Naled	0.5	mg/kg	-	< 0.5	-	-
Phorate	0.2	mg/kg	-	< 0.2	-	-
Ronnel	0.2	mg/kg	-	< 0.2	-	-
Tokuthion	0.2	mg/kg	-	< 0.2	-	-
Trichloronate	0.2	mg/kg	-	< 0.2	-	-
Triphenylphosphate (surr.)	1	%	-	74	-	-
% Moisture	0.1	%	17	15	11	18
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH19-0.5**	**BH20-0.1**	**BH20-0.5**	**BH21-0.1**
	Lab Number		**O10-JL03984**	**O10-JL03985**	**O10-JL03986**	**O10-JL03987**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.3	5.2	4.5	5.7
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	-	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	27	20	18	26
Cobalt	5	mg/kg	6.1	6.1	6.7	15
Copper	5	mg/kg	12	5.2	6.4	6.3
Lead	5	mg/kg	19	15	15	20
Manganese	5	mg/kg	-	590	380	1200
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	28	10	15	9.9
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	< 5	-	-	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	42	24	25	28
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	Client Sample ID		BH22-0.1	BH23-0.1	BH24-0.1	BH24-0.5
Suite 4 539-541 Kiewa St	Lab Number		O10-JL03988	O10-JL03989	O10-JL03990	O10-JL03991
Albury	Matrix		Soil	Soil	Soil	Soil
New South Wales 2640	Sample Date		Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	< 20	-
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	< 50	-
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	< 100	-
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	< 100	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	< 0.05	-
Toluene	0.05	mg/kg	-	-	< 0.05	-
Ethylbenzene	0.05	mg/kg	-	-	< 0.05	-
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	< 0.05	-
Fluorobenzene (surr.)	1	%	-	-	124	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	< 0.1	-
Acenaphthylene	0.1	mg/kg	-	-	< 0.1	-
Anthracene	0.1	mg/kg	-	-	< 0.1	-
Benz(a)anthracene	0.1	mg/kg	-	-	< 0.1	-
Benzo(a)pyrene	0.1	mg/kg	-	-	< 0.1	-
Benzo(b)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	< 0.1	-
Benzo(k)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Chrysene	0.1	mg/kg	-	-	< 0.1	-
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	< 0.1	-
Fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Fluorene	0.1	mg/kg	-	-	< 0.1	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	< 0.1	-
Naphthalene	0.1	mg/kg	-	-	< 0.1	-
Phenanthrene	0.1	mg/kg	-	-	< 0.1	-
Pyrene	0.1	mg/kg	-	-	< 0.1	-
Total PAH	0.1	mg/kg	-	-	< 0.1	-
p-Terphenyl-d14 (surr.)	1	%	-	-	100	-
2-Fluorobiphenyl (surr.)	1	%	-	-	104	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
	Lab Number		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	131	127	92	112
Tetrachloro-m-xylene (surr.)	1	%	134	131	114	107
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
	Lab Number		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.3-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.4-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
Benzal chloride	0.05	mg/kg	-	-	< 0.05	-
Benzotrichloride	0.05	mg/kg	-	-	< 0.05	-
Benzyl chloride	0.2	mg/kg	-	-	< 0.2	-
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorobutadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachloroethane	0.05	mg/kg	-	-	< 0.05	-
Pentachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Dibutylchlorendate (surr.)	1	%	-	-	92	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	114	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	-
Demeton-O	0.2	mg/kg	-	-	< 0.2	-
Diazinon	0.2	mg/kg	-	-	< 0.2	-
Dichlorvos	0.2	mg/kg	-	-	< 0.2	-
Disulfoton	0.2	mg/kg	-	-	< 0.2	-
Ethion	0.2	mg/kg	-	-	< 0.2	-
Ethoprop	0.2	mg/kg	-	-	< 0.2	-
Fenitrothion	0.2	mg/kg	-	-	< 0.2	-
Fensulfothion	0.2	mg/kg	-	-	< 0.2	-
Fenthion	0.2	mg/kg	-	-	< 0.2	-
Merphos	0.2	mg/kg	-	-	< 0.2	-
Methyl azinphos	0.2	mg/kg	-	-	< 0.2	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
	Lab Number		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	-	< 0.2	-
Mevinphos	0.2	mg/kg	-	-	< 0.2	-
Naled	0.5	mg/kg	-	-	< 0.5	-
Phorate	0.2	mg/kg	-	-	< 0.2	-
Ronnel	0.2	mg/kg	-	-	< 0.2	-
Tokuthion	0.2	mg/kg	-	-	< 0.2	-
Trichloronate	0.2	mg/kg	-	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	-	69	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	92	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	114	-
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	< 0.2	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	-
2-Nitrophenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.4-Dimethylphenol	0.2	mg/kg	-	-	< 0.2	-
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.6-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	-
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	< 0.2	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	< 0.5	-
Phenol	0.2	mg/kg	-	-	< 0.2	-
Phenol-d6 (surr.)	1	%	-	-	87	-
% Moisture	0.1	%	22	21	18	13
Cyanide (total)	5	mg/kg	-	-	< 5	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.2	4.4	4.6	5.1
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	23	16	20	24
Cobalt	5	mg/kg	14	6.6	9.6	7.8
Copper	5	mg/kg	7.1	6.6	6.1	7.0
Lead	5	mg/kg	19	16	16	17
Manganese	5	mg/kg	1500	1000	1100	1100
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	12	10	10	20
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	< 5	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	29	33	27	38
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH25-0.1**	**BH26-0.1**	**BH27-0.1**	**BH27-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03992**	**O10-JL03993**	**O10-JL03994**	**O10-JL03995**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	-	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	-	106	90
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH25-0.1**	**BH26-0.1**	**BH27-0.1**	**BH27-0.5**
	Lab Number		**O10-JL03992**	**O10-JL03993**	**O10-JL03994**	**O10-JL03995**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	98	126	106	-
Tetrachloro-m-xylene (surr.)	1	%	97	119	136	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Naled	0.5	mg/kg	-	< 0.5	< 0.5	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	67	59	-
% Moisture	0.1	%	18	20	20	12
Heavy Metals						

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH25-0.1**	**BH26-0.1**	**BH27-0.1**	**BH27-0.5**
	Lab Number		**O10-JL03992**	**O10-JL03993**	**O10-JL03994**	**O10-JL03995**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	4.5	5.3	4.3	6.0
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	-	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	22	25	24	27
Cobalt	5	mg/kg	8.4	12	12	8.0
Copper	5	mg/kg	8.3	7.5	8.1	10
Lead	5	mg/kg	15	19	20	17
Manganese	5	mg/kg	1200	1800	-	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	13	13	13	20
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	29	31	33	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH28-0.1**	**BH29-0.1**	**BH29-0.5**	**BH30-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03996**	**O10-JL03997**	**O10-JL03998**	**O10-JL03999**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	< 20	-
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	< 50	-
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	< 100	-
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	< 100	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Toluene	0.05	mg/kg	-	< 0.05	< 0.05	-
Ethylbenzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	< 0.05	-
Fluorobenzene (surr.)	1	%	-	72	97	-
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH28-0.1**	**BH29-0.1**	**BH29-0.5**	**BH30-0.1**
	Lab Number		**O10-JL03996**	**O10-JL03997**	**O10-JL03998**	**O10-JL03999**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	73	93	-	122
Tetrachloro-m-xylene (surr.)	1	%	89	105	-	125
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl azinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Naled	0.5	mg/kg	< 0.5	-	-	< 0.5
Phorate	0.2	mg/kg	< 0.2	-	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	59	-	-	57
% Moisture	0.1	%	20	17	13	19
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH28-0.1**	**BH29-0.1**	**BH29-0.5**	**BH30-0.1**
	Lab Number		**O10-JL03996**	**O10-JL03997**	**O10-JL03998**	**O10-JL03999**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.8	7.5	5.7	3.7
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	-	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	25	31	24	20
Cobalt	5	mg/kg	12	17	6.8	12
Copper	5	mg/kg	10	7.5	9.9	6.4
Lead	5	mg/kg	19	22	17	19
Manganese	5	mg/kg	1100	-	-	1900
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	24	14	21	11
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	< 5	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	31	30	34	36
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	89	77	88
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	-	< 0.1
Acenaphthylene	0.1	mg/kg	-	-	-	< 0.1
Anthracene	0.1	mg/kg	-	-	-	< 0.1
Benz(a)anthracene	0.1	mg/kg	-	-	-	< 0.1
Benzo(a)pyrene	0.1	mg/kg	-	-	-	< 0.1
Benzo(b)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	-	< 0.1
Benzo(k)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Chrysene	0.1	mg/kg	-	-	-	< 0.1
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	-	< 0.1
Fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Fluorene	0.1	mg/kg	-	-	-	< 0.1
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	-	< 0.1
Naphthalene	0.1	mg/kg	-	-	-	< 0.1
Phenanthrene	0.1	mg/kg	-	-	-	< 0.1
Pyrene	0.1	mg/kg	-	-	-	< 0.1
Total PAH	0.1	mg/kg	-	-	-	< 0.1
p-Terphenyl-d14 (surr.)	1	%	-	-	-	114
2-Fluorobiphenyl (surr.)	1	%	-	-	-	104

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	95	137	-	114
Tetrachloro-m-xylene (surr.)	1	%	107	115	-	116
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.3-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.4-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
Benzal chloride	0.05	mg/kg	-	-	-	< 0.05
Benzotrichloride	0.05	mg/kg	-	-	-	< 0.05
Benzyl chloride	0.2	mg/kg	-	-	-	< 0.2
Hexachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorobutadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachloroethane	0.05	mg/kg	-	-	-	< 0.05
Pentachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Dibutylchlorendate (surr.)	1	%	-	-	-	114
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	116
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	-	< 0.2
Demeton-O	0.2	mg/kg	-	-	-	< 0.2
Diazinon	0.2	mg/kg	-	-	-	< 0.2
Dichlorvos	0.2	mg/kg	-	-	-	< 0.2
Disulfoton	0.2	mg/kg	-	-	-	< 0.2
Ethion	0.2	mg/kg	-	-	-	< 0.2
Ethoprop	0.2	mg/kg	-	-	-	< 0.2
Fenitrothion	0.2	mg/kg	-	-	-	< 0.2
Fensulfothion	0.2	mg/kg	-	-	-	< 0.2
Fenthion	0.2	mg/kg	-	-	-	< 0.2
Merphos	0.2	mg/kg	-	-	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	-	-	< 0.2
Mevinphos	0.2	mg/kg	-	-	-	< 0.2
Naled	0.5	mg/kg	-	-	-	< 0.5
Phorate	0.2	mg/kg	-	-	-	< 0.2
Ronnel	0.2	mg/kg	-	-	-	< 0.2
Tokuthion	0.2	mg/kg	-	-	-	< 0.2
Trichloronate	0.2	mg/kg	-	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	-	66
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	-	-	< 0.1
Total PCB	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	114
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	116
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	-	< 0.2
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	-	< 0.2
2-Nitrophenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.4-Dimethylphenol	0.2	mg/kg	-	-	-	< 0.2
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.6-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	-	< 0.4
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	-	< 0.5
Phenol	0.2	mg/kg	-	-	-	< 0.2
Phenol-d6 (surr.)	1	%	-	-	-	57
% Moisture	0.1	%	15	17	12	19
Cyanide (total)	5	mg/kg	-	-	-	< 5
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	4.7	6.5	4.3	5.8
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	-	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	22	30	22	25
Cobalt	5	mg/kg	14	14	5.3	14
Copper	5	mg/kg	13	5.7	9.3	6.9
Lead	5	mg/kg	16	22	15	21
Manganese	5	mg/kg	670	-	-	1700
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	21	11	22	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	32	28	31	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	-	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	-	95	79
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	< 0.1	-
Acenaphthylene	0.1	mg/kg	-	-	< 0.1	-
Anthracene	0.1	mg/kg	-	-	< 0.1	-
Benz(a)anthracene	0.1	mg/kg	-	-	< 0.1	-
Benzo(a)pyrene	0.1	mg/kg	-	-	< 0.1	-
Benzo(b)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	< 0.1	-
Benzo(k)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Chrysene	0.1	mg/kg	-	-	< 0.1	-
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	< 0.1	-
Fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Fluorene	0.1	mg/kg	-	-	< 0.1	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	< 0.1	-
Naphthalene	0.1	mg/kg	-	-	< 0.1	-
Phenanthrene	0.1	mg/kg	-	-	< 0.1	-
Pyrene	0.1	mg/kg	-	-	< 0.1	-
Total PAH	0.1	mg/kg	-	-	< 0.1	-
p-Terphenyl-d14 (surr.)	1	%	-	-	109	-
2-Fluorobiphenyl (surr.)	1	%	-	-	106	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
	Lab Number		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	120	84	85
Tetrachloro-m-xylene (surr.)	1	%	109	107	105	96
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.3-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.4-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
Benzal chloride	0.05	mg/kg	-	-	< 0.05	-
Benzotrichloride	0.05	mg/kg	-	-	< 0.05	-
Benzyl chloride	0.2	mg/kg	-	-	< 0.2	-
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorobutadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachloroethane	0.05	mg/kg	-	-	< 0.05	-
Pentachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Dibutylchlorendate (surr.)	1	%	-	-	84	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	105	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.5	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	< 0.2	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
	Lab Number		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Naled	0.5	mg/kg	-	< 0.5	< 0.5	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	57	71	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	84	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	105	-
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	< 0.2	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	-
2-Nitrophenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.4-Dimethylphenol	0.2	mg/kg	-	-	< 0.2	-
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.6-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	-
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	< 0.2	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	< 0.5	-
Phenol	0.2	mg/kg	-	-	< 0.2	-
Phenol-d6 (surr.)	1	%	-	-	71	-
% Moisture	0.1	%	15	17	15	15
Asbestos	0		-	-	see attached	-
Cyanide (total)	5	mg/kg	-	-	< 5	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.7	4.8	6.8	6.4
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	24	22	24	20
Cobalt	5	mg/kg	13	17	8.7	7.8
Copper	5	mg/kg	9.9	7.0	11	9.9
Lead	5	mg/kg	19	19	26	14
Manganese	5	mg/kg	1400	1400	1000	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	25	13	16	19
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	38	33	60	31
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	< 20	-	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	< 50	-	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	< 100	-	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	< 100	-	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toluene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Ethylbenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Fluorobenzene (surr.)	1	%	104	82	-	98
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	< 0.1	-	-	-
Acenaphthylene	0.1	mg/kg	< 0.1	-	-	-
Anthracene	0.1	mg/kg	< 0.1	-	-	-
Benz(a)anthracene	0.1	mg/kg	< 0.1	-	-	-
Benzo(a)pyrene	0.1	mg/kg	< 0.1	-	-	-
Benzo(b)fluoranthene	0.1	mg/kg	< 0.1	-	-	-
Benzo(g.h.i)perylene	0.1	mg/kg	< 0.1	-	-	-
Benzo(k)fluoranthene	0.1	mg/kg	< 0.1	-	-	-
Chrysene	0.1	mg/kg	< 0.1	-	-	-
Dibenz(a.h)anthracene	0.1	mg/kg	< 0.1	-	-	-
Fluoranthene	0.1	mg/kg	< 0.1	-	-	-
Fluorene	0.1	mg/kg	< 0.1	-	-	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	< 0.1	-	-	-
Naphthalene	0.1	mg/kg	< 0.1	-	-	-
Phenanthrene	0.1	mg/kg	< 0.1	-	-	-
Pyrene	0.1	mg/kg	< 0.1	-	-	-
Total PAH	0.1	mg/kg	< 0.1	-	-	-
p-Terphenyl-d14 (surr.)	1	%	130	-	-	-
2-Fluorobiphenyl (surr.)	1	%	120	-	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	0.7	< 0.1	< 0.1	0.4
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	89	94	80	88
Tetrachloro-m-xylene (surr.)	1	%	109	116	100	107
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	< 0.2	-	-	-
1.2.3-Trichlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	< 0.05	-	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.3-Dichlorobenzene	0.2	mg/kg	< 0.2	-	-	-
1.3.5-Trichlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.4-Dichlorobenzene	0.2	mg/kg	< 0.2	-	-	-
Benzal chloride	0.05	mg/kg	< 0.05	-	-	-
Benzotrichloride	0.05	mg/kg	< 0.05	-	-	-
Benzyl chloride	0.2	mg/kg	< 0.2	-	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Hexachlorobutadiene	0.05	mg/kg	< 0.05	-	-	-
Hexachlorocyclopentadiene	0.05	mg/kg	< 0.05	-	-	-
Hexachloroethane	0.05	mg/kg	< 0.05	-	-	-
Pentachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Dibutylchlorendate (surr.)	1	%	89	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	109	-	-	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.5	-	< 0.2	< 0.2
Methyl azinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Naled	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	59	-	59	62
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1221	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1232	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1242	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1248	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1254	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	-
Total PCB	0.1	mg/kg	< 0.1	-	-	-
Dibutylchlorendate (surr.)	1	%	89	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	109	-	-	-
Phenols						
2-Chlorophenol	0.2	mg/kg	< 0.2	-	-	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	-	-
2-Nitrophenol	0.5	mg/kg	< 0.5	-	-	-
2.4-Dichlorophenol	0.2	mg/kg	< 0.2	-	-	-
2.4-Dimethylphenol	0.2	mg/kg	< 0.2	-	-	-
2.4.6-Trichlorophenol	0.2	mg/kg	< 0.2	-	-	-
2.6-Dichlorophenol	0.2	mg/kg	< 0.2	-	-	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	-	-
4-Chloro-3-methylphenol	0.2	mg/kg	< 0.2	-	-	-

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	< 0.5	-	-	-
Phenol	0.2	mg/kg	< 0.2	-	-	-
Phenol-d6 (surr.)	1	%	101	-	-	-
% Moisture	0.1	%	17	13	15	19
Asbestos	0		see attached	-	-	-
Cyanide (total)	5	mg/kg	< 5	-	-	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	5.3	5.4	4.5	5.9
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	< 10	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	25	25	20	30
Cobalt	5	mg/kg	10	5.4	7.1	11
Copper	5	mg/kg	12	11	< 5	11
Lead	5	mg/kg	31	17	14	33
Manganese	5	mg/kg	1400	-	640	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	13	21	8.4	16
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	< 5	< 5	-	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	39	40	22	43
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**WB9710**	**TB9710**	**TS9710**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04012**	**O10-JL04013**	**O10-JL04014**
Albury	**Matrix**		**Water**	**Water**	**Water**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**			
Total Recoverable Hydrocarbons					
TRH C6-C9 Fraction by GC	0.02	mg/L	< 0.02	< 0.02	77%
TRH C10-C14 Fraction by GC	0.05	mg/L	< 0.05	-	-
TRH C15-C28 Fraction by GC	0.1	mg/L	< 0.1	-	-
TRH C29-C36 Fraction by GC	0.1	mg/L	< 0.1	-	-
Monocyclic Aromatic Hydrocarbons					
Benzene	0.001	mg/L	< 0.001	< 0.001	80%
Toluene	0.001	mg/L	< 0.001	< 0.001	99%
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	110%
Xylenes(ortho.meta and para)	0.003	mg/L	< 0.003	< 0.003	98%
Fluorobenzene (surr.)	1	%	71	70	72
Heavy Metals					
Antimony	0.005	mg/L	< 0.005	-	-
Arsenic	0.001	mg/L	< 0.001	-	-
Beryllium	0.001	mg/L	< 0.001	-	-
Cadmium	0.0002	mg/L	< 0.0002	-	-
Chromium	0.001	mg/L	< 0.001	-	-
Cobalt	0.001	mg/L	< 0.001	-	-
Copper	0.001	mg/L	< 0.001	-	-
Lead	0.001	mg/L	< 0.001	-	-
Molybdenum	0.005	mg/L	< 0.005	-	-
Nickel	0.001	mg/L	< 0.001	-	-
Selenium	0.001	mg/L	< 0.001	-	-
Silver	0.005	mg/L	< 0.005	-	-
Tin	0.005	mg/L	< 0.005	-	-
Zinc	0.001	mg/L	< 0.001	-	-
Mercury	0.0001	mg/L	< 0.0001	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH1-0.1**	**BH1-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL03960**	**10-JL03960**	**10-JL03960**	**10-JL03960**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Aroclor-1016		-	< 0.1	< 1	-	-	-
Aroclor-1221		-	< 0.1	< 1	-	-	-
Aroclor-1232		-	< 0.1	< 1	-	-	-
Aroclor-1242		-	< 0.1	< 1	-	-	-
Aroclor-1248		-	< 0.1	< 1	-	-	-
Aroclor-1254		-	< 0.1	< 1	-	-	-
Aroclor-1260		-	< 0.1	< 1	-	-	-
Total PCB		-	< 0.1	< 1	-	-	-
Organochlorine Pesticides							
4.4'-DDD		< 0.05	< 0.05	< 1	129	121	< 0.05
4.4'-DDE		< 0.05	< 0.05	< 1	117	108	< 0.05
4.4'-DDT		< 0.05	< 0.05	< 1	74	94	< 0.05
a-BHC		< 0.05	< 0.05	< 1	113	116	< 0.05
Aldrin		< 0.05	< 0.05	< 1	106	109	< 0.05
b-BHC		< 0.05	< 0.05	< 1	90	116	< 0.05
Chlordane		< 0.1	< 0.1	< 1	-	-	< 0.1
d-BHC		< 0.05	< 0.05	< 1	127	115	< 0.05
Dieldrin		< 0.05	< 0.05	< 1	119	118	< 0.05
Endosulfan I		< 0.05	< 0.05	< 1	106	123	< 0.05
Endosulfan II		< 0.05	< 0.05	< 1	112	119	< 0.05
Endosulfan sulphate		< 0.05	< 0.05	< 1	120	110	< 0.05
Endrin		< 0.05	< 0.05	< 1	76	101	< 0.05
Endrin aldehyde		< 0.05	< 0.05	< 1	117	120	< 0.05
Endrin ketone		< 0.05	< 0.05	< 1	112	84	< 0.05
g-BHC (Lindane)		< 0.05	< 0.05	< 1	108	109	< 0.05
Heptachlor		< 0.05	< 0.05	< 1	80	103	< 0.05
Heptachlor epoxide		< 0.05	< 0.05	< 1	102	129	< 0.05
Hexachlorobenzene		< 0.05	< 0.05	< 1	98	102	< 0.05
Methoxychlor		< 0.05	< 0.05	< 1	71	103	< 0.05

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

	Client Sample	**BH1-0.1**	**BH1-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL03960**	**10-JL03960**	**10-JL03960**	**10-JL03960**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Organochlorine Pesticides							
Toxophene		< 0.1	< 0.1	< 1	-	-	< 0.1
Chlorinated Hydrocarbons							
1.2-Dichlorobenzene		-	< 0.2	< 1	92	-	-
1.2.3-Trichlorobenzene		-	< 0.05	< 1	83	-	-
1.2.3.4-Tetrachlorobenzene		-	< 0.05	< 1	95	-	-
1.2.3.5-Tetrachlorobenzene		-	< 0.05	< 1	-	-	-
1.2.4-Trichlorobenzene		-	< 0.05	< 1	-	-	-
1.2.4.5-Tetrachlorobenzene		-	< 0.05	< 1	83	-	-
1.3-Dichlorobenzene		-	< 0.2	< 1	84	-	-
1.3.5-Trichlorobenzene		-	< 0.05	< 1	93	-	-
Benzal chloride		-	< 0.05	< 1	-	-	-
Benzotrichloride		-	< 0.05	< 1	-	-	-
Benzyl chloride		-	< 0.2	< 1	-	-	-
Hexachlorobutadiene		-	< 0.05	< 1	95	-	-
Hexachlorocyclopentadiene		-	< 0.05	< 1	-	-	-
Hexachloroethane		-	< 0.05	< 1	101	-	-
Pentachlorobenzene		-	< 0.05	< 1	96	-	-
Heavy Metals							
Antimony		< 10	< 10	< 1	97	100	< 10
Arsenic		7.2	6.7	6.5	101	99	< 2
Beryllium		< 2	< 2	< 1	101	99	< 2
Boron		< 10	< 10	< 1	85	97	< 10
Cadmium		< 0.5	< 0.5	< 1	106	105	< 0.5
Chromium		27	28	6.0	100	108	< 5
Cobalt		11	9.6	14	98	108	< 5
Copper		9.8	10	6.8	118	105	< 5
Lead		23	21	10	95	105	< 5
Manganese		620	580	6.0	-	100	< 5

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH1-0.1**	**BH1-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number	**10-JL03960**	**10-JL03960**	**10-JL03960**	**10-JL03960**	**Batch**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery	% Recovery	mg/L
Heavy Metals						
Mercury		< 0.1	< 0.1	< 1	-	88	< 0.1
Molybdenum		< 10	< 10	< 1	96	97	< 10
Nickel		19	17	4.2	90	97	< 5
Selenium		< 2	< 2	< 1	98	97	< 2
Silver		-	< 5	< 1	80	-	-
Tin		< 10	< 10	< 1	98	103	< 10
Zinc		38	36	6.6	89	95	< 5
1.4-Dichlorobenzene		-	< 0.2	< 1	86	-	-

COMMENTS:

Vantage Environmental Management Suite 4 539-541 Kiewa St Albury New South Wales 2640	Client Sample ID	BH2-0.1	BH2-0.1	RPD	SPIKE	LCS	Method blank
	Lab Number	10-JL03961	10-JL03961	10-JL03961	10-JL03961	Batch	Batch
	QA Description		Duplicate	Duplicate % RPD	Spike % Recovery	% Recovery	
	Matrix	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Cyanide (total)		< 5	< 5	< 1	97	101	< 5
Total Recoverable Hydrocarbons							
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	89	101	< 20
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	100	115	< 50
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-	-	< 100
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-	-	< 100
Monocyclic Aromatic Hydrocarbons							
Benzene		< 0.05	< 0.05	< 1	92	107	< 0.05
Toluene		< 0.05	< 0.05	< 1	93	105	< 0.05
Ethylbenzene		< 0.05	< 0.05	< 1	93	104	< 0.05
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	94	103	< 0.05
Polycyclic Aromatic Hydrocarbons					Batch		
Acenaphthene		< 0.1	< 0.1	< 1	112	97	< 0.1
Acenaphthylene		< 0.1	< 0.1	< 1	118	108	< 0.1
Anthracene		< 0.1	< 0.1	< 1	128	102	< 0.1
Benz(a)anthracene		< 0.1	< 0.1	< 1	117	102	< 0.1
Benzo(a)pyrene		< 0.1	< 0.1	< 1	114	107	< 0.1
Benzo(b)fluoranthene		< 0.1	< 0.1	< 1	111	103	< 0.1
Benzo(g.h.i)perylene		< 0.1	< 0.1	< 1	111	102	< 0.1
Benzo(k)fluoranthene		< 0.1	< 0.1	< 1	115	128	< 0.1
Chrysene		< 0.1	< 0.1	< 1	108	115	< 0.1
Dibenz(a.h)anthracene		< 0.1	< 0.1	< 1	125	90	< 0.1
Fluoranthene		< 0.1	< 0.1	< 1	100	120	< 0.1
Fluorene		< 0.1	< 0.1	< 1	118	102	< 0.1
Indeno(1.2.3-cd)pyrene		< 0.1	< 0.1	< 1	118	96	< 0.1
Naphthalene		< 0.1	< 0.1	< 1	118	106	< 0.1
Phenanthrene		< 0.1	< 0.1	< 1	110	98	< 0.1
Pyrene		< 0.1	< 0.1	< 1	98	114	< 0.1
Organophosphorous Pesticides							

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample		**BH2-0.1**	**BH2-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number		**10-JL03961**	**10-JL03961**	**10-JL03961**	**10-JL03961**	**Batch**	**Batch**
QA Description			**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix		**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Organophosphorous Pesticides							
Bolstar		< 0.2	< 0.2	< 1	-	-	< 0.2
Chlorpyrifos		< 0.2	< 0.2	< 1	-	96	< 0.2
Demeton-O		< 0.2	< 0.2	< 1	-	-	< 0.2
Diazinon		< 0.2	< 0.2	< 1	92	99	< 0.2
Dichlorvos		< 0.2	< 0.2	< 1	-	-	< 0.2
Disulfoton		< 0.2	< 0.2	< 1	-	-	< 0.2
Ethion		< 0.2	< 0.2	< 1	86	87	< 0.2
Ethoprop		< 0.2	< 0.2	< 1	-	-	< 0.2
Fenitrothion		< 0.2	< 0.2	< 1	90	84	< 0.2
Fensulfothion		< 0.2	< 0.2	< 1	-	-	< 0.2
Fenthion		< 0.2	< 0.2	< 1	-	89	< 0.2
Merphos		< 0.5	< 0.5	< 1	-	-	< 0.2
Methyl azinphos		< 0.2	< 0.2	< 1	-	-	< 0.2
Methyl parathion		< 0.2	< 0.2	< 1	83	76	< 0.2
Mevinphos		< 0.2	< 0.2	< 1	101	-	< 0.2
Naled		< 0.5	< 0.5	< 1	-	-	< 0.5
Phorate		< 0.2	< 0.2	< 1	-	-	< 0.2
Ronnel		< 0.2	< 0.2	< 1	-	-	< 0.2
Tokuthion		< 0.2	< 0.2	< 1	-	-	< 0.2
Trichloronate		< 0.2	< 0.2	< 1	-	-	< 0.2
Phenols					Batch		
2-Chlorophenol		< 0.2	< 0.2	< 1	109	108	< 0.2
2-Methylphenol (o-Cresol)		< 0.2	< 0.2	< 1	-	106	< 0.2
2-Nitrophenol		< 0.5	< 0.5	< 1	-	91	< 0.5
2.4-Dichlorophenol		< 0.2	< 0.2	< 1	105	100	< 0.2
2.4-Dimethylphenol		< 0.2	< 0.2	< 1	105	101	< 0.2
2.4.6-Trichlorophenol		< 0.2	< 0.2	< 1	97	112	< 0.2
2.6-Dichlorophenol		< 0.2	< 0.2	< 1	124	105	< 0.2

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH2-0.1**	**BH2-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number	**10-JL03961**	**10-JL03961**	**10-JL03961**	**10-JL03961**	**Batch**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery	% Recovery	mg/L
Phenols				Batch		
3&4-Methylphenol (m&p-Cresol)		< 0.4	< 0.4	< 1	110	100	< 0.4
4-Chloro-3-methylphenol		< 0.2	< 0.2	< 1	107	92	< 0.2
Pentachlorophenol		< 0.5	< 0.5	< 1	78	87	< 0.5
Phenol		< 0.2	< 0.2	< 1	111	114	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**Batch**	**Batch**	**Batch**	**Batch**
	QA Description		**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% Recovery	% Recovery	mg/L
Chlorinated Hydrocarbons					
1.2-Dichlorobenzene		-	-	113	< 0.2
1.2.3-Trichlorobenzene		-	-	101	< 0.05
1.2.3.4-Tetrachlorobenzene		-	-	89	< 0.05
1.2.3.5-Tetrachlorobenzene		-	-	104	< 0.05
1.2.4-Trichlorobenzene		-	-	74	< 0.05
1.2.4.5-Tetrachlorobenzene		-	-	114	< 0.05
1.3-Dichlorobenzene		-	-	92	< 0.2
1.3.5-Trichlorobenzene		-	-	98	< 0.05
Benzal chloride		-	-	93	< 0.05
Benzotrichloride		-	-	88	< 0.05
Hexachlorobutadiene		-	-	93	< 0.05
Hexachloroethane		-	-	104	< 0.05
1.4-Dichlorobenzene		-	-	103	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH9-0.1**	**BH9-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03970**	**10-JL03970**	**10-JL03970**	**10-JL03970**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Heavy Metals					
Antimony		< 10	< 10	< 1	86
Arsenic		5.8	5.5	6.0	89
Beryllium		< 2	< 2	< 1	95
Boron		< 10	< 10	< 1	-
Cadmium		< 0.5	< 0.5	< 1	94
Chromium		23	24	3.5	101
Cobalt		8.0	8.5	5.4	92
Copper		11	11	< 1	116
Lead		17	17	4.6	93
Manganese		1000	1100	7.9	-
Mercury		< 0.1	< 0.1	< 1	-
Molybdenum		< 10	< 10	< 1	88
Nickel		22	22	1.6	93
Selenium		< 2	< 2	< 1	84
Silver		-	< 5	< 1	78
Tin		< 10	< 10	< 1	86
Zinc		34	33	1.9	97

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH10-0.1**	**BH10-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03971**	**10-JL03971**	**10-JL03971**	**10-JL03971**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	121
4.4'-DDE		< 0.05	< 0.05	< 1	107
4.4'-DDT		< 0.05	< 0.05	< 1	74
a-BHC		< 0.05	< 0.05	< 1	106
Aldrin		< 0.05	< 0.05	< 1	104
b-BHC		< 0.05	< 0.05	< 1	94
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	106
Dieldrin		< 0.05	< 0.05	< 1	105
Endosulfan I		< 0.05	< 0.05	< 1	103
Endosulfan II		< 0.05	< 0.05	< 1	96
Endosulfan sulphate		< 0.05	< 0.05	< 1	99
Endrin		< 0.05	< 0.05	< 1	103
Endrin aldehyde		< 0.05	< 0.05	< 1	75
Endrin ketone		< 0.05	< 0.05	< 1	75
g-BHC (Lindane)		< 0.05	< 0.05	< 1	103
Heptachlor		< 0.05	< 0.05	< 1	122
Heptachlor epoxide		< 0.05	< 0.05	< 1	112
Hexachlorobenzene		< 0.05	< 0.05	< 1	105
Methoxychlor		< 0.05	< 0.05	< 1	95

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

	Client Sample	**BH10-0.1**	**BH10-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03971**	**10-JL03971**	**10-JL03971**	**10-JL03971**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Organochlorine Pesticides					
Toxophene		< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH17-0.1**	**BH17-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03980**	**10-JL03980**	**10-JL03980**	**10-JL03980**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Heavy Metals					
Antimony		< 10	< 10	< 1	77
Arsenic		5.2	5.3	3.3	81
Beryllium		< 2	< 2	< 1	86
Boron		< 10	< 10	< 1	-
Cadmium		< 0.5	< 0.5	< 1	84
Chromium		27	24	11	83
Cobalt		11	12	8.0	75
Copper		8.4	8.7	3.5	98
Lead		19	18	4.9	75
Manganese		1400	1500	7.2	-
Mercury		< 0.1	< 0.1	< 1	82
Molybdenum		< 10	< 10	< 1	82
Nickel		14	13	3.5	76
Selenium		< 2	< 2	< 1	79
Silver		-	< 5	< 1	75
Tin		< 10	< 10	< 1	78
Zinc		35	35	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH18-0.1**	**BH18-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03981**	**10-JL03981**	**10-JL03981**	**10-JL03981**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	126
4.4'-DDE		< 0.05	< 0.05	< 1	125
4.4'-DDT		< 0.05	< 0.05	< 1	111
a-BHC		< 0.05	< 0.05	< 1	107
Aldrin		< 0.05	< 0.05	< 1	105
b-BHC		< 0.05	< 0.05	< 1	98
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	73
Dieldrin		< 0.05	< 0.05	< 1	110
Endosulfan I		< 0.05	< 0.05	< 1	109
Endosulfan II		< 0.05	< 0.05	< 1	106
Endosulfan sulphate		< 0.05	< 0.05	< 1	105
Endrin		< 0.05	< 0.05	< 1	110
Endrin aldehyde		< 0.05	< 0.05	< 1	100
Endrin ketone		< 0.05	< 0.05	< 1	117
g-BHC (Lindane)		< 0.05	< 0.05	< 1	97
Heptachlor		< 0.05	< 0.05	< 1	97
Heptachlor epoxide		< 0.05	< 0.05	< 1	115
Hexachlorobenzene		< 0.05	< 0.05	< 1	106
Methoxychlor		< 0.05	< 0.05	< 1	111

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH18-0.1**	**BH18-0.1**	**RPD**	**SPIKE**
Lab Number	**10-JL03981**	**10-JL03981**	**10-JL03981**	**10-JL03981**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Organochlorine Pesticides				
Toxophene	< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH20-0.1**	**BH20-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03985**	**10-JL03985**	**10-JL03985**	**10-JL03985**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Organophosphorous Pesticides					
Bolstar		< 0.2	< 0.2	< 1	-
Chlorpyrifos		< 0.2	< 0.2	< 1	-
Demeton-O		< 0.2	< 0.2	< 1	-
Diazinon		< 0.2	< 0.2	< 1	74
Dichlorvos		< 0.2	< 0.2	< 1	-
Disulfoton		< 0.2	< 0.2	< 1	-
Ethion		< 0.2	< 0.2	< 1	128
Ethoprop		< 0.2	< 0.2	< 1	-
Fenitrothion		< 0.2	< 0.2	< 1	107
Fensulfothion		< 0.2	< 0.2	< 1	-
Fenthion		< 0.2	< 0.2	< 1	-
Merphos		< 0.2	< 0.2	< 1	-
Methyl azinphos		< 0.2	< 0.2	< 1	-
Methyl parathion		< 0.2	< 0.2	< 1	106
Mevinphos		< 0.2	< 0.2	< 1	93
Naled		< 0.5	< 0.5	< 1	-
Phorate		< 0.2	< 0.2	< 1	-
Ronnel		< 0.2	< 0.2	< 1	-
Tokuthion		< 0.2	< 0.2	< 1	-
Trichloronate		< 0.2	< 0.2	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH20-0.5**	**BH20-0.5**	**RPD**	**SPIKE**
	Lab Number	**10-JL03986**	**10-JL03986**	**10-JL03986**	**10-JL03986**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	88
4.4'-DDE		< 0.05	< 0.05	< 1	111
4.4'-DDT		< 0.05	< 0.05	< 1	80
a-BHC		< 0.05	< 0.05	< 1	120
Aldrin		< 0.05	< 0.05	< 1	113
b-BHC		< 0.05	< 0.05	< 1	104
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	115
Dieldrin		< 0.05	< 0.05	< 1	105
Endosulfan I		< 0.05	< 0.05	< 1	110
Endosulfan II		< 0.05	< 0.05	< 1	105
Endosulfan sulphate		< 0.05	< 0.05	< 1	110
Endrin		< 0.05	< 0.05	< 1	97
Endrin aldehyde		< 0.05	< 0.05	< 1	120
Endrin ketone		< 0.05	< 0.05	< 1	130
g-BHC (Lindane)		< 0.05	< 0.05	< 1	109
Heptachlor		< 0.05	< 0.05	< 1	106
Heptachlor epoxide		< 0.05	< 0.05	< 1	126
Hexachlorobenzene		< 0.05	< 0.05	< 1	113
Methoxychlor		< 0.05	< 0.05	< 1	77

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH20-0.5**	**BH20-0.5**	**RPD**	**SPIKE**
Lab Number	**10-JL03986**	**10-JL03986**	**10-JL03986**	**10-JL03986**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Organochlorine Pesticides				
Toxophene		< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH24-0.1**	**BH24-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL03990**	**10-JL03990**	**10-JL03990**	**10-JL03990**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Heavy Metals							
Antimony		< 10	< 10	< 1	87	-	-
Arsenic		4.6	4.8	3.4	89	-	-
Beryllium		< 2	< 2	< 1	95	-	-
Boron		< 10	< 10	< 1	78	-	-
Cadmium		< 0.5	< 0.5	< 1	94	-	-
Chromium		20	21	5.6	97	-	-
Cobalt		9.6	11	13	97	-	-
Copper		6.1	6.3	3.8	109	-	-
Lead		16	17	3.6	91	-	-
Manganese		1100	1200	8.8	-	-	-
Mercury		< 0.1	< 0.1	< 1	82	-	-
Molybdenum		< 10	< 10	< 1	91	-	-
Nickel		10	11	4.8	88	-	-
Selenium		< 2	< 2	< 1	83	-	-
Silver		< 5	< 5	< 1	-	91	< 5
Tin		< 10	< 10	< 1	87	-	-
Zinc		27	27	3.2	91	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH24-0.5**	**BH24-0.5**	**RPD**	**SPIKE**
	Lab Number	**10-JL03991**	**10-JL03991**	**10-JL03991**	**10-JL03991**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	130
4.4'-DDE		< 0.05	< 0.05	< 1	111
4.4'-DDT		< 0.05	< 0.05	< 1	73
a-BHC		< 0.05	< 0.05	< 1	118
Aldrin		< 0.05	< 0.05	< 1	112
b-BHC		< 0.05	< 0.05	< 1	104
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	109
Dieldrin		< 0.05	< 0.05	< 1	106
Endosulfan I		< 0.05	< 0.05	< 1	106
Endosulfan II		< 0.05	< 0.05	< 1	99
Endosulfan sulphate		< 0.05	< 0.05	< 1	101
Endrin		< 0.05	< 0.05	< 1	90
Endrin aldehyde		< 0.05	< 0.05	< 1	103
Endrin ketone		< 0.05	< 0.05	< 1	128
g-BHC (Lindane)		< 0.05	< 0.05	< 1	106
Heptachlor		< 0.05	< 0.05	< 1	103
Heptachlor epoxide		< 0.05	< 0.05	< 1	120
Hexachlorobenzene		< 0.05	< 0.05	< 1	109
Methoxychlor		< 0.05	< 0.05	< 1	76

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH24-0.5**	**BH24-0.5**	**RPD**	**SPIKE**
Lab Number	**10-JL03991**	**10-JL03991**	**10-JL03991**	**10-JL03991**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Organochlorine Pesticides				
Toxophene		< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management Suite 4 539-541 Kiewa St Albury New South Wales 2640	Client Sample ID	BH27-0.1	BH27-0.1	RPD	SPIKE
	Lab Number	10-JL03994	10-JL03994	10-JL03994	10-JL03994
	QA Description		Duplicate	Duplicate % RPD	Spike % Recovery
	Matrix	Soil	Soil	Soil	Soil
	Sample Date	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010
Analysis Type	**Units**			% RPD	% Recovery
Total Recoverable Hydrocarbons					
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	80
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	99
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-
Monocyclic Aromatic Hydrocarbons					
Benzene		< 0.05	< 0.05	< 1	84
Toluene		< 0.05	< 0.05	< 1	89
Ethylbenzene		< 0.05	< 0.05	< 1	86
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	82

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH30-0.5**	**BH30-0.5**	**RPD**	**SPIKE**
	Lab Number	**10-JL04000**	**10-JL04000**	**10-JL04000**	**10-JL04000**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Heavy Metals					
Antimony		< 10	< 10	< 1	-
Arsenic		4.7	5.6	18	-
Beryllium		< 2	< 2	< 1	-
Boron		< 10	< 10	< 1	-
Cadmium		< 0.5	< 0.5	< 1	-
Chromium		22	24	6.5	-
Cobalt		14	20	30	-
Copper		13	13	3.4	-
Lead		16	18	7.3	-
Manganese		670	710	4.6	-
Mercury		< 0.1	< 0.1	< 1	77
Molybdenum		< 10	< 10	< 1	-
Nickel		21	21	1.1	-
Selenium		< 2	< 2	< 1	-
Silver		-	< 5	< 1	-
Tin		< 10	< 10	< 1	-
Zinc		32	33	5.5	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH35-0.5**	**BH35-0.5**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL04009**	**10-JL04009**	**10-JL04009**	**10-JL04009**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Aroclor-1016		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1221		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1232		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1242		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1248		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1254		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1260		-	< 0.1	< 1	-	-	< 0.1
Total PCB		-	< 0.1	< 1	-	-	< 0.1
Total Recoverable Hydrocarbons							
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	79	-	-
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	104	-	-
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-	-	-
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-	-	-
Monocyclic Aromatic Hydrocarbons							
Benzene		< 0.05	< 0.05	< 1	83	-	-
Toluene		< 0.05	< 0.05	< 1	91	-	-
Ethylbenzene		< 0.05	< 0.05	< 1	91	-	-
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	92	-	-
Organochlorine Pesticides							
4.4'-DDD		< 0.05	< 0.05	< 1	103	-	-
4.4'-DDE		< 0.05	< 0.05	< 1	90	-	-
4.4'-DDT		< 0.05	< 0.05	< 1	77	-	-
a-BHC		< 0.05	< 0.05	< 1	93	-	-
Aldrin		< 0.05	< 0.05	< 1	92	-	-
b-BHC		< 0.05	< 0.05	< 1	71	-	-
Chlordane		< 0.1	< 0.1	< 1	-	-	-
d-BHC		< 0.05	< 0.05	< 1	91	-	-
Dieldrin		< 0.05	< 0.05	< 1	79	-	-
Endosulfan I		< 0.05	< 0.05	< 1	93	-	-

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH35-0.5**	**BH35-0.5**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number	**10-JL04009**	**10-JL04009**	**10-JL04009**	**10-JL04009**	**Batch**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Organochlorine Pesticides							
Endosulfan II		< 0.05	< 0.05	< 1	88	-	-
Endosulfan sulphate		< 0.05	< 0.05	< 1	78	-	-
Endrin		< 0.05	< 0.05	< 1	81	-	-
Endrin aldehyde		< 0.05	< 0.05	< 1	93	-	-
Endrin ketone		< 0.05	< 0.05	< 1	107	-	-
g-BHC (Lindane)		< 0.05	< 0.05	< 1	89	-	-
Heptachlor		< 0.05	< 0.05	< 1	96	-	-
Heptachlor epoxide		< 0.05	< 0.05	< 1	89	-	-
Hexachlorobenzene		< 0.05	< 0.05	< 1	92	-	-
Methoxychlor		< 0.05	< 0.05	< 1	95	-	-
Toxophene		< 0.1	< 0.1	< 1	-	-	-
Chlorinated Hydrocarbons							
1.2-Dichlorobenzene		-	< 0.2	< 1	109	90	< 0.2
1.2.3-Trichlorobenzene		-	< 0.05	< 1	114	103	< 0.05
1.2.3.4-Tetrachlorobenzene		-	< 0.05	< 1	113	106	< 0.05
1.2.3.5-Tetrachlorobenzene		-	< 0.05	< 1	-	77	< 0.05
1.2.4-Trichlorobenzene		-	< 0.05	< 1	-	85	< 0.05
1.2.4.5-Tetrachlorobenzene		-	< 0.05	< 1	82	109	< 0.05
1.3-Dichlorobenzene		-	< 0.2	< 1	127	98	< 0.2
1.3.5-Trichlorobenzene		-	< 0.05	< 1	114	95	< 0.05
Benzal chloride		-	< 0.05	< 1	-	107	< 0.05
Benzotrichloride		-	< 0.05	< 1	-	103	< 0.05
Benzyl chloride		-	< 0.2	< 1	-	-	< 0.2
Hexachlorobutadiene		-	< 0.05	< 1	96	85	< 0.05
Hexachlorocyclopentadiene		-	< 0.05	< 1	-	74	< 0.05
Hexachloroethane		-	< 0.05	< 1	108	85	< 0.05
Pentachlorobenzene		-	< 0.05	< 1	102	-	< 0.05

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH35-0.5**	**BH35-0.5**	**RPD**	**SPIKE**	**Method blank**
Lab Number	**10-JL04009**	**10-JL04009**	**10-JL04009**	**10-JL04009**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery	mg/L
1.4-Dichlorobenzene		-	< 0.2	< 1	123	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**DUP-B**	**DUP-B**	**RPD**	**SPIKE**
	Lab Number	**10-JL04010**	**10-JL04010**	**10-JL04010**	**10-JL04010**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Organophosphorous Pesticides					
Bolstar		< 0.2	< 0.2	< 1	-
Chlorpyrifos		< 0.2	< 0.2	< 1	-
Demeton-O		< 0.2	< 0.2	< 1	-
Diazinon		< 0.2	< 0.2	< 1	104
Dichlorvos		< 0.2	< 0.2	< 1	-
Disulfoton		< 0.2	< 0.2	< 1	-
Ethion		< 0.2	< 0.2	< 1	127
Ethoprop		< 0.2	< 0.2	< 1	-
Fenitrothion		< 0.2	< 0.2	< 1	122
Fensulfothion		< 0.2	< 0.2	< 1	-
Fenthion		< 0.2	< 0.2	< 1	-
Merphos		< 0.2	< 0.2	< 1	-
Methyl azinphos		< 0.2	< 0.2	< 1	-
Methyl parathion		< 0.2	< 0.2	< 1	105
Mevinphos		< 0.2	< 0.2	< 1	99
Naled		< 0.5	< 0.5	< 1	-
Phorate		< 0.2	< 0.2	< 1	-
Ronnel		< 0.2	< 0.2	< 1	-
Tokuthion		< 0.2	< 0.2	< 1	-
Trichloronate		< 0.2	< 0.2	< 1	-
Heavy Metals					
Antimony		< 10	< 10	< 1	85
Arsenic		4.5	3.8	15	86
Beryllium		< 2	< 2	< 1	92
Boron		< 10	< 10	< 1	77
Cadmium		< 0.5	< 0.5	< 1	90
Chromium		20	18	14	88
Cobalt		7.1	7.1	< 1	98

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**DUP-B**	**DUP-B**	**RPD**	**SPIKE**
Lab Number	**10-JL04010**	**10-JL04010**	**10-JL04010**	**10-JL04010**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Heavy Metals				
Copper	< 5	< 5	< 1	104
Lead	14	14	3.3	83
Manganese	640	650	2.7	-
Mercury	< 0.1	< 0.1	< 1	-
Molybdenum	< 10	< 10	< 1	88
Nickel	8.4	8.0	3.9	83
Selenium	< 2	< 2	< 1	80
Silver	-	< 5	< 1	82
Tin	< 10	< 10	< 1	85
Zinc	22	22	3.3	81

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

CERTIFICATE OF ANALYSIS

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury
New South Wales 2640
Site: TOOLAMBA AL10-093

Report Number: 270137-V1 Page 1 of 81
Order Number:
Date Received: Jul 12, 2010
Date Sampled: Jul 9, 2010
Date Reported: Jul 20, 2010
Contact: Susannah Price

Methods

- USEPA 6020 Heavy Metals & USEPA 7470/71 Mercury
- USEPA 8270C Phenols
- USEPA 8082 Polychlorinated Biphenyls
- USEPA 8141A Organophosphorus Pesticides
- USEPA 8121 Chlorinated Hydrocarbons
- USEPA 8081A Organochlorine Pesticides
- USEPA 8270C Polycyclic Aromatic Hydrocarbons
- USEPA 8260B - MGT 350A Monocyclic Aromatic Hydrocarbons
- TRH C6-C36 - MGT 100A
- USEPA 9010B Cyanide
- Method 102 - ANZECC - % Moisture

Comments

Please note: Asbestos was analysed at LRM Global. Job number 2904.000, Batch number B1418. NATA accreditation 15684.

Notes

Authorised

Report Number: 270137-V1

Michael Wright
Senior Principal Chemist
NATA Signatory

Tammy Lakeland
Client Manager
NATA Signatory

Orlando Scalzo
Chief Organic Chemist
NATA Signatory

Andrew Cook
Chief Inorganic Chemist

GLOSSARY OF TERMS

UNITS

mg/kg	milligrams per Kilogram	**mg/l**	milligrams per litre
ug/l	micrograms per litre	**ppm**	Parts per million
ppb	Parts per billion	**%**	Percentage
org/100ml	Organisms per 100 millilitres	**NTU**	Units

TERMS

Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
LOR	Limit of Reporting.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
LCS	Laboratory Control Sample - reported as percent recovery
CRM	Certified Reference Material - reported as percent recovery
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands. In the case of water samples these are performed on de-ionised water.
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
Batch Duplicate	A second piece of analysis from a sample outside of the clients batch of samples but run within the laboratory batch of analysis.
Batch SPIKE	Spike recovery reported on a sample from outside of the clients batch of samples but run within the laboratory batch of analysis.
USEPA	United States Environment Protection Authority
APHA	American Public Health Association
ASLP	Australian Standard Leaching Procedure (AS4439.3)
TCLP	Toxicity Characteristic Leaching Procedure
COC	Chain of Custody
SRA	Sample Receipt Advice

QC - ACCEPTANCE CRITERIA

RPD Duplicates	Results <10 times the LOR : No Limit Results between 10-20 times LOR : RPD must lie between 0-50% Results >20 times LOR : RPD must lie between 0-20%
LCS Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
CRM Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
Method Blanks	Not to exceed LOR
SPIKE Recoveries	Recoveries must lie between 70-130% - Phenols 30-130%
Surrogate Recoveries	Recoveries must lie between 50-150% - Phenols 20-130%

GENERAL COMMENTS

1. All results in this report supersede any previously corresponded results.
2. All soil results are reported on a dry basis.
3. Samples are analysed on an as received basis.

QC DATA GENERAL COMMENTS

1. Where a result is reported as a less than (<), higher than the nominated LOR this is due to either Matrix Interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. Organochlorine Pesticide analysis - where reporting LCS data, Toxaphene & Chlordane are not added to the LCS.
4. Orgaonchlorine Pesticide analysis - where reporting Spike data, Toxaphene is not added to the Spike.
5. Total Recoverable Hydrocarbons - where reporting Spike & LCS data, a single spike of commercial Hydrocarbon products in the range of C12-C30 is added and it's Total Recovery is reported in the C10-C14 cell of the Report.
6. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of Recovery the term "INT" appears against that analyte.
7. Polychlorinated Biphenyls are spiked only using Arochlor 1260 in Matrix Spikes and LCS's.
8. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
9. Duplicate RPD's are calculated from raw analytical data thus it is possible to have two two sets of data below the LOR with a positive RPD - eg: LOR 0.1, Result A = <0.1 (raw data is 0.02) & Result B = <0.1 (raw data is 0.03) resulting in a RPD of 40% calculated from the raw data.

REPORT SPECIFIC NOTES

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh VIC 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Company Name: Vantage Environmental Management
Address: Suite 4 539-541 Kiewa St
Albury
New South Wales 2640

Order No.:
Report #: 270137
Phone: (02) 6021 8655
Fax: (02) 6021 8666

Received: Jul 12, 2010 12:00
Due: Jul 19, 2010 11:11
Priority: 5 Day
Contact name: Susannah Price

Client Job No.: TOOLAMBA AL10-093

mgt Client Manager: Tammy Lakeland

Sample Detail					% Moisture	Antimony	Arsenic	Asbestos	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Tin	TRH C6-C9 Fraction by GC	Zinc	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	EPA Screen	MGT Suite #3
Laboratory where analysis is conducted																												
Melbourne Laboratory - NATA Site #1254					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sydney Laboratory - NATA Site #18217																												
Sample ID	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																								
BH1-0.1	Jul 09, 2010		Soil	O10-JL03960	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH2-0.1	Jul 09, 2010		Soil	O10-JL03961	X																					X	X	
BH2-0.5	Jul 09, 2010		Soil	O10-JL03962	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH3-0.1	Jul 09, 2010		Soil	O10-JL03963	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH4-0.1	Jul 09, 2010		Soil	O10-JL03964	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH4-0.5	Jul 09, 2010		Soil	O10-JL03965	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH5-0.1	Jul 09, 2010		Soil	O10-JL03966	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH6-0.1	Jul 09, 2010		Soil	O10-JL03967	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH7-0.1	Jul 09, 2010		Soil	O10-JL03968	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH8-0.1	Jul 09, 2010		Soil	O10-JL03969	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH9-0.1	Jul 09, 2010		Soil	O10-JL03970	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH10-0.1	Jul 09, 2010		Soil	O10-JL03971	X																				X	X		X
BH10-0.5	Jul 09, 2010		Soil	O10-JL03972	X																							X
BH11-0.1	Jul 09, 2010		Soil	O10-JL03973	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH12-0.1	Jul 09, 2010		Soil	O10-JL03974	X																				X	X		X
BH13-0.1	Jul 09, 2010		Soil	O10-JL03975	X																					X	X	
BH13-0.5	Jul 09, 2010		Soil	O10-JL03976	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH14-0.1	Jul 09, 2010		Soil	O10-JL03977	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH15-0.1	Jul 09, 2010		Soil	O10-JL03978	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH16-0.1	Jul 09, 2010		Soil	O10-JL03979	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh VIC 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Company Name: Vantage Environmental Management
Address: Suite 4 539-541 Kiewa St
Albury
New South Wales 2640

Order No.:
Report #: 270137
Phone: (02) 6021 8655
Fax: (02) 6021 8666

Received: Jul 12, 2010 12:00
Due: Jul 19, 2010 11:11
Priority: 5 Day
Contact name: Susannah Price

Client Job No.: TOOLAMBA AL10-093

mgt Client Manager: Tammy Lakeland

Sample Detail					% Moisture	Antimony	Arsenic	Asbestos	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Tin	TRH C6-C9 Fraction by GC	Zinc	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	EPA Screen	MGT Suite #3
Laboratory where analysis is conducted																												
Melbourne Laboratory - NATA Site #1254					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sydney Laboratory - NATA Site #18217																												
Sample ID	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																								
BH17-0.1	Jul 09, 2010		Soil	O10-JL03980	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH18-0.1	Jul 09, 2010		Soil	O10-JL03981	X																				X	X		X
BH18-0.5	Jul 09, 2010		Soil	O10-JL03982	X																							X
BH19-0.1	Jul 09, 2010		Soil	O10-JL03983	X																				X	X		X
BH19-0.5	Jul 09, 2010		Soil	O10-JL03984	X																				X			X
BH20-0.1	Jul 09, 2010		Soil	O10-JL03985	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH20-0.5	Jul 09, 2010		Soil	O10-JL03986	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH21-0.1	Jul 09, 2010		Soil	O10-JL03987	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH22-0.1	Jul 09, 2010		Soil	O10-JL03988	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH23-0.1	Jul 09, 2010		Soil	O10-JL03989	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH24-0.1	Jul 09, 2010		Soil	O10-JL03990	X																					X	X	
BH24-0.5	Jul 09, 2010		Soil	O10-JL03991	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH25-0.1	Jul 09, 2010		Soil	O10-JL03992	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH26-0.1	Jul 09, 2010		Soil	O10-JL03993	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH27-0.1	Jul 09, 2010		Soil	O10-JL03994	X																				X	X		X
BH27-0.5	Jul 09, 2010		Soil	O10-JL03995	X																							X
BH28-0.1	Jul 09, 2010		Soil	O10-JL03996	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH29-0.1	Jul 09, 2010		Soil	O10-JL03997	X																				X			X
BH29-0.5	Jul 09, 2010		Soil	O10-JL03998	X																							X
BH30-0.1	Jul 09, 2010		Soil	O10-JL03999	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh VIC 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Company Name: Vantage Environmental Management
Address: Suite 4 539-541 Kiewa St
Albury
New South Wales 2640

Order No.:
Report #: 270137
Phone: (02) 6021 8655
Fax: (02) 6021 8666

Received: Jul 12, 2010 12:00
Due: Jul 19, 2010 11:11
Priority: 5 Day
Contact name: Susannah Price

Client Job No.: TOOLAMBA AL10-093

mgt Client Manager: Tammy Lakeland

Sample Detail					% Moisture	Antimony	Arsenic	Asbestos	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Tin	TRH C6-C9 Fraction by GC	Zinc	Monocyclic Aromatic Hydrocarbons	Organochlorine Pesticides	Organophosphorous Pesticides	EPA Screen	MGT Suite #3
Laboratory where analysis is conducted																												
Melbourne Laboratory - NATA Site #1254					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sydney Laboratory - NATA Site #18217																												
Sample ID	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																								
BH30-0.5	Jul 09, 2010		Soil	O10-JL04000	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH31-0.1	Jul 09, 2010		Soil	O10-JL04001	X																							X
BH31-0.5	Jul 09, 2010		Soil	O10-JL04002	X																							X
BH32-0.1	Jul 09, 2010		Soil	O10-JL04003	X																					X	X	
BH32-0.5	Jul 09, 2010		Soil	O10-JL04004	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			
BH33-0.1	Jul 09, 2010		Soil	O10-JL04005	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
BH34-0.1	Jul 09, 2010		Soil	O10-JL04006	X			X																		X	X	
BH34-0.5	Jul 09, 2010		Soil	O10-JL04007	X																				X			X
BH35-0.1	Jul 09, 2010		Soil	O10-JL04008	X			X																		X	X	
BH35-0.5	Jul 09, 2010		Soil	O10-JL04009	X																				X			X
DUP-B	Jul 09, 2010		Soil	O10-JL04010	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		
DUP-D	Jul 09, 2010		Soil	O10-JL04011	X																				X	X		X
WB9710	Jul 09, 2010		Water	O10-JL04012																								X
TB9710	Jul 09, 2010		Water	O10-JL04013																		X		X				
TS9710	Jul 09, 2010		Water	O10-JL04014																		X		X				

Vantage Environmental Management	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	-	-
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	-	-
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	-	-
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	-	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	-	-
Toluene	0.05	mg/kg	-	< 0.05	-	-
Ethylbenzene	0.05	mg/kg	-	< 0.05	-	-
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	-	-
Fluorobenzene (surr.)	1	%	-	97	-	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	< 0.1	-	-
Acenaphthylene	0.1	mg/kg	-	< 0.1	-	-
Anthracene	0.1	mg/kg	-	< 0.1	-	-
Benz(a)anthracene	0.1	mg/kg	-	< 0.1	-	-
Benzo(a)pyrene	0.1	mg/kg	-	< 0.1	-	-
Benzo(b)fluoranthene	0.1	mg/kg	-	< 0.1	-	-
Benzo(g.h.i)perylene	0.1	mg/kg	-	< 0.1	-	-
Benzo(k)fluoranthene	0.1	mg/kg	-	< 0.1	-	-
Chrysene	0.1	mg/kg	-	< 0.1	-	-
Dibenz(a.h)anthracene	0.1	mg/kg	-	< 0.1	-	-
Fluoranthene	0.1	mg/kg	-	< 0.1	-	-
Fluorene	0.1	mg/kg	-	< 0.1	-	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	< 0.1	-	-
Naphthalene	0.1	mg/kg	-	< 0.1	-	-
Phenanthrene	0.1	mg/kg	-	< 0.1	-	-
Pyrene	0.1	mg/kg	-	< 0.1	-	-
Total PAH	0.1	mg/kg	-	< 0.1	-	-
p-Terphenyl-d14 (surr.)	1	%	-	116	-	-
2-Fluorobiphenyl (surr.)	1	%	-	118	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
	Lab Number		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	109	92	137	139
Tetrachloro-m-xylene (surr.)	1	%	103	98	118	141
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	< 0.2	-	-
1.2.3-Trichlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	< 0.05	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
	Lab Number		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.3-Dichlorobenzene	0.2	mg/kg	-	< 0.2	-	-
1.3.5-Trichlorobenzene	0.05	mg/kg	-	< 0.05	-	-
1.4-Dichlorobenzene	0.2	mg/kg	-	< 0.2	-	-
Benzal chloride	0.05	mg/kg	-	< 0.05	-	-
Benzotrichloride	0.05	mg/kg	-	< 0.05	-	-
Benzyl chloride	0.2	mg/kg	-	< 0.2	-	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
Hexachlorobutadiene	0.05	mg/kg	-	< 0.05	-	-
Hexachlorocyclopentadiene	0.05	mg/kg	-	< 0.05	-	-
Hexachloroethane	0.05	mg/kg	-	< 0.05	-	-
Pentachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
Dibutylchlorendate (surr.)	1	%	-	92	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	98	-	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	-
Demeton-O	0.2	mg/kg	-	< 0.2	-	-
Diazinon	0.2	mg/kg	-	< 0.2	-	-
Dichlorvos	0.2	mg/kg	-	< 0.2	-	-
Disulfoton	0.2	mg/kg	-	< 0.2	-	-
Ethion	0.2	mg/kg	-	< 0.2	-	-
Ethoprop	0.2	mg/kg	-	< 0.2	-	-
Fenitrothion	0.2	mg/kg	-	< 0.2	-	-
Fensulfothion	0.2	mg/kg	-	< 0.2	-	-
Fenthion	0.2	mg/kg	-	< 0.2	-	-
Merphos	0.2	mg/kg	-	< 0.5	-	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	< 0.2	-	-
Mevinphos	0.2	mg/kg	-	< 0.2	-	-
Naled	0.5	mg/kg	-	< 0.5	-	-
Phorate	0.2	mg/kg	-	< 0.2	-	-
Ronnel	0.2	mg/kg	-	< 0.2	-	-
Tokuthion	0.2	mg/kg	-	< 0.2	-	-
Trichloronate	0.2	mg/kg	-	< 0.2	-	-
Triphenylphosphate (surr.)	1	%	-	59	-	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1221	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1232	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1242	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1248	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	-
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	-
Total PCB	0.1	mg/kg	-	< 0.1	-	-
Dibutylchlorendate (surr.)	1	%	-	92	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	98	-	-
Phenols						
2-Chlorophenol	0.2	mg/kg	-	< 0.2	-	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	-	-
2-Nitrophenol	0.5	mg/kg	-	< 0.5	-	-
2.4-Dichlorophenol	0.2	mg/kg	-	< 0.2	-	-
2.4-Dimethylphenol	0.2	mg/kg	-	< 0.2	-	-
2.4.6-Trichlorophenol	0.2	mg/kg	-	< 0.2	-	-
2.6-Dichlorophenol	0.2	mg/kg	-	< 0.2	-	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	-	-
4-Chloro-3-methylphenol	0.2	mg/kg	-	< 0.2	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH1-0.1**	**BH2-0.1**	**BH2-0.5**	**BH3-0.1**
	Lab Number		**O10-JL03960**	**O10-JL03961**	**O10-JL03962**	**O10-JL03963**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	< 0.5	-	-
Phenol	0.2	mg/kg	-	< 0.2	-	-
Phenol-d6 (surr.)	1	%	-	37	-	-
% Moisture	0.1	%	19	15	16	15
Cyanide (total)	5	mg/kg	-	< 5	-	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	7.2	4.6	6.5	7.1
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	27	22	26	33
Cobalt	5	mg/kg	11	14	11	10
Copper	5	mg/kg	9.8	7.4	8.9	6.6
Lead	5	mg/kg	23	19	20	24
Manganese	5	mg/kg	620	1900	420	750
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	19	13	20	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	-	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	38	29	31	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH4-0.1**	**BH4-0.5**	**BH5-0.1**	**BH6-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03964**	**O10-JL03965**	**O10-JL03966**	**O10-JL03967**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	150	125	132	135
Tetrachloro-m-xylene (surr.)	1	%	124	132	133	124
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH4-0.1**	**BH4-0.5**	**BH5-0.1**	**BH6-0.1**
	Lab Number		**O10-JL03964**	**O10-JL03965**	**O10-JL03966**	**O10-JL03967**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Ethion	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Merphos	0.2	mg/kg	< 0.5	-	-	< 0.5
Methyl azinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Naled	0.5	mg/kg	< 0.5	-	-	< 0.5
Phorate	0.2	mg/kg	< 0.2	-	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	60	-	-	59
% Moisture	0.1	%	17	16	17	22
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	7.5	6.3	5.2	3.8
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	29	25	19	22
Cobalt	5	mg/kg	11	8.7	6.3	6.9
Copper	5	mg/kg	12	10	11	13
Lead	5	mg/kg	19	18	16	17
Manganese	5	mg/kg	490	750	540	580
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH4-0.1**	**BH4-0.5**	**BH5-0.1**	**BH6-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03964**	**O10-JL03965**	**O10-JL03966**	**O10-JL03967**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Nickel	5	mg/kg	22	20	17	21
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	33	37	25	41
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH7-0.1**	**BH8-0.1**	**BH9-0.1**	**BH10-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03968**	**O10-JL03969**	**O10-JL03970**	**O10-JL03971**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	-	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	-	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	-	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	-	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	-	< 0.05
Toluene	0.05	mg/kg	-	-	-	< 0.05
Ethylbenzene	0.05	mg/kg	-	-	-	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	-	< 0.05
Fluorobenzene (surr.)	1	%	-	-	-	96
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH7-0.1**	**BH8-0.1**	**BH9-0.1**	**BH10-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03968**	**O10-JL03969**	**O10-JL03970**	**O10-JL03971**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	123	113	121	125
Tetrachloro-m-xylene (surr.)	1	%	131	127	123	128
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	-	< 0.2
Demeton-O	0.2	mg/kg	-	-	-	< 0.2
Diazinon	0.2	mg/kg	-	-	-	< 0.2
Dichlorvos	0.2	mg/kg	-	-	-	< 0.2
Disulfoton	0.2	mg/kg	-	-	-	< 0.2
Ethion	0.2	mg/kg	-	-	-	< 0.2
Ethoprop	0.2	mg/kg	-	-	-	< 0.2
Fenitrothion	0.2	mg/kg	-	-	-	< 0.2
Fensulfothion	0.2	mg/kg	-	-	-	< 0.2
Fenthion	0.2	mg/kg	-	-	-	< 0.2
Merphos	0.2	mg/kg	-	-	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	-	-	< 0.2
Methyl parathion	0.2	mg/kg	-	-	-	< 0.2
Mevinphos	0.2	mg/kg	-	-	-	< 0.2
Naled	0.5	mg/kg	-	-	-	< 0.5
Phorate	0.2	mg/kg	-	-	-	< 0.2
Ronnel	0.2	mg/kg	-	-	-	< 0.2
Tokuthion	0.2	mg/kg	-	-	-	< 0.2
Trichloronate	0.2	mg/kg	-	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	-	59
% Moisture	0.1	%	14	12	14	22
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH7-0.1**	**BH8-0.1**	**BH9-0.1**	**BH10-0.1**
	Lab Number		**O10-JL03968**	**O10-JL03969**	**O10-JL03970**	**O10-JL03971**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	8.7	3.8	5.8	6.0
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	17	19	23	27
Cobalt	5	mg/kg	6.0	9.8	8.0	12
Copper	5	mg/kg	5.2	5.0	11	9.1
Lead	5	mg/kg	15	15	17	22
Manganese	5	mg/kg	570	1600	1000	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	11	11	22	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	-	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	30	27	34	40
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	-	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	-	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	-	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	-	< 100	210
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toluene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	97	-	97	108
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	-	< 0.1
Acenaphthylene	0.1	mg/kg	-	-	-	< 0.1
Anthracene	0.1	mg/kg	-	-	-	< 0.1
Benz(a)anthracene	0.1	mg/kg	-	-	-	< 0.1
Benzo(a)pyrene	0.1	mg/kg	-	-	-	< 0.1
Benzo(b)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	-	< 0.1
Benzo(k)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Chrysene	0.1	mg/kg	-	-	-	< 0.1
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	-	< 0.1
Fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Fluorene	0.1	mg/kg	-	-	-	< 0.1
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	-	< 0.1
Naphthalene	0.1	mg/kg	-	-	-	< 0.1
Phenanthrene	0.1	mg/kg	-	-	-	< 0.1
Pyrene	0.1	mg/kg	-	-	-	< 0.1
Total PAH	0.1	mg/kg	-	-	-	< 0.1
p-Terphenyl-d14 (surr.)	1	%	-	-	-	107
2-Fluorobiphenyl (surr.)	1	%	-	-	-	118

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
	Lab Number		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	87	107	99
Tetrachloro-m-xylene (surr.)	1	%	-	98	118	127
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
	Lab Number		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.3-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.4-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
Benzal chloride	0.05	mg/kg	-	-	-	< 0.05
Benzotrichloride	0.05	mg/kg	-	-	-	< 0.05
Benzyl chloride	0.2	mg/kg	-	-	-	< 0.2
Hexachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorobutadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachloroethane	0.05	mg/kg	-	-	-	< 0.05
Pentachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Dibutylchlorendate (surr.)	1	%	-	-	-	99
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	127
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	-	< 0.5	< 0.5
Methyl azinphos	0.2	mg/kg	-	-	< 0.2	< 0.2

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Naled	0.5	mg/kg	-	-	< 0.5	< 0.5
Phorate	0.2	mg/kg	-	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	62	62
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	-	-	< 0.1
Total PCB	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	99
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	127
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	-	< 0.2
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	-	< 0.2
2-Nitrophenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.4-Dimethylphenol	0.2	mg/kg	-	-	-	< 0.2
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.6-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	-	< 0.5
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH10-0.5**	**BH11-0.1**	**BH12-0.1**	**BH13-0.1**
	Lab Number		**O10-JL03972**	**O10-JL03973**	**O10-JL03974**	**O10-JL03975**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	-	< 0.5
Phenol	0.2	mg/kg	-	-	-	< 0.2
Phenol-d6 (surr.)	1	%	-	-	-	93
% Moisture	0.1	%	13	15	22	25
Cyanide (total)	5	mg/kg	-	-	-	< 5
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	5.9	6.8	7.1	4.5
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	-	< 10	-	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	25	31	32	19
Cobalt	5	mg/kg	11	13	11	9.1
Copper	5	mg/kg	10	7.5	7.6	13
Lead	5	mg/kg	18	24	23	16
Manganese	5	mg/kg	-	1100	-	1100
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	24	13	12	10
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	< 5	-	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	33	33	33	55
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH13-0.5**	**BH14-0.1**	**BH15-0.1**	**BH16-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03976**	**O10-JL03977**	**O10-JL03978**	**O10-JL03979**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	110	117	100	92
Tetrachloro-m-xylene (surr.)	1	%	121	130	102	115
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH13-0.5**	**BH14-0.1**	**BH15-0.1**	**BH16-0.1**
	Lab Number		**O10-JL03976**	**O10-JL03977**	**O10-JL03978**	**O10-JL03979**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.5	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Naled	0.5	mg/kg	-	< 0.5	-	< 0.5
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	64	-	63
% Moisture	0.1	%	17	20	23	9.5
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.7	5.6	4.3	5.7
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	28	28	18	25
Cobalt	5	mg/kg	14	7.3	7.8	8.5
Copper	5	mg/kg	12	8.1	9.7	9.9
Lead	5	mg/kg	20	18	17	17
Manganese	5	mg/kg	1300	790	1400	490
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH13-0.5**	**BH14-0.1**	**BH15-0.1**	**BH16-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03976**	**O10-JL03977**	**O10-JL03978**	**O10-JL03979**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Nickel	5	mg/kg	25	13	11	15
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	47	31	38	28
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH17-0.1**	**BH18-0.1**	**BH18-0.5**	**BH19-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03980**	**O10-JL03981**	**O10-JL03982**	**O10-JL03983**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	96	101	88
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH17-0.1**	**BH18-0.1**	**BH18-0.5**	**BH19-0.1**
	Lab Number		**O10-JL03980**	**O10-JL03981**	**O10-JL03982**	**O10-JL03983**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	101	89	-	100
Tetrachloro-m-xylene (surr.)	1	%	113	114	-	132
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	-	< 0.5	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	-	< 0.2
Naled	0.5	mg/kg	-	< 0.5	-	< 0.5
Phorate	0.2	mg/kg	-	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	63	-	69
% Moisture	0.1	%	21	16	13	18
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH17-0.1**	**BH18-0.1**	**BH18-0.5**	**BH19-0.1**
	Lab Number		**O10-JL03980**	**O10-JL03981**	**O10-JL03982**	**O10-JL03983**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	5.2	4.5	4.1	6.1
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	-	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	27	19	17	28
Cobalt	5	mg/kg	11	9.4	8.2	20
Copper	5	mg/kg	8.4	8.7	7.0	7.3
Lead	5	mg/kg	19	18	15	23
Manganese	5	mg/kg	1400	-	-	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	14	11	13	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	35	33	29	33
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH19-0.5**	**BH20-0.1**	**BH20-0.5**	**BH21-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03984**	**O10-JL03985**	**O10-JL03986**	**O10-JL03987**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	-	-	-
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	-	-	-
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	-	-	-
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	-	-	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	-	-	-
Toluene	0.05	mg/kg	< 0.05	-	-	-
Ethylbenzene	0.05	mg/kg	< 0.05	-	-	-
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	-	-	-
Fluorobenzene (surr.)	1	%	99	-	-	-
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH19-0.5**	**BH20-0.1**	**BH20-0.5**	**BH21-0.1**
	Lab Number		**O10-JL03984**	**O10-JL03985**	**O10-JL03986**	**O10-JL03987**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	105	90	99	104
Tetrachloro-m-xylene (surr.)	1	%	129	80	121	104
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	-
Demeton-O	0.2	mg/kg	-	< 0.2	-	-
Diazinon	0.2	mg/kg	-	< 0.2	-	-
Dichlorvos	0.2	mg/kg	-	< 0.2	-	-
Disulfoton	0.2	mg/kg	-	< 0.2	-	-
Ethion	0.2	mg/kg	-	< 0.2	-	-
Ethoprop	0.2	mg/kg	-	< 0.2	-	-
Fenitrothion	0.2	mg/kg	-	< 0.2	-	-
Fensulfothion	0.2	mg/kg	-	< 0.2	-	-
Fenthion	0.2	mg/kg	-	< 0.2	-	-
Merphos	0.2	mg/kg	-	< 0.2	-	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	-	-
Methyl parathion	0.2	mg/kg	-	< 0.2	-	-
Mevinphos	0.2	mg/kg	-	< 0.2	-	-
Naled	0.5	mg/kg	-	< 0.5	-	-
Phorate	0.2	mg/kg	-	< 0.2	-	-
Ronnel	0.2	mg/kg	-	< 0.2	-	-
Tokuthion	0.2	mg/kg	-	< 0.2	-	-
Trichloronate	0.2	mg/kg	-	< 0.2	-	-
Triphenylphosphate (surr.)	1	%	-	74	-	-
% Moisture	0.1	%	17	15	11	18
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH19-0.5**	**BH20-0.1**	**BH20-0.5**	**BH21-0.1**
	Lab Number		**O10-JL03984**	**O10-JL03985**	**O10-JL03986**	**O10-JL03987**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.3	5.2	4.5	5.7
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	-	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	27	20	18	26
Cobalt	5	mg/kg	6.1	6.1	6.7	15
Copper	5	mg/kg	12	5.2	6.4	6.3
Lead	5	mg/kg	19	15	15	20
Manganese	5	mg/kg	-	590	380	1200
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	28	10	15	9.9
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	< 5	-	-	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	42	24	25	28
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	Client Sample ID		BH22-0.1	BH23-0.1	BH24-0.1	BH24-0.5
Suite 4 539-541 Kiewa St	Lab Number		O10-JL03988	O10-JL03989	O10-JL03990	O10-JL03991
Albury	Matrix		Soil	Soil	Soil	Soil
New South Wales 2640	Sample Date		Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	< 20	-
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	< 50	-
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	< 100	-
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	< 100	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	< 0.05	-
Toluene	0.05	mg/kg	-	-	< 0.05	-
Ethylbenzene	0.05	mg/kg	-	-	< 0.05	-
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	< 0.05	-
Fluorobenzene (surr.)	1	%	-	-	124	-
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	< 0.1	-
Acenaphthylene	0.1	mg/kg	-	-	< 0.1	-
Anthracene	0.1	mg/kg	-	-	< 0.1	-
Benz(a)anthracene	0.1	mg/kg	-	-	< 0.1	-
Benzo(a)pyrene	0.1	mg/kg	-	-	< 0.1	-
Benzo(b)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	< 0.1	-
Benzo(k)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Chrysene	0.1	mg/kg	-	-	< 0.1	-
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	< 0.1	-
Fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Fluorene	0.1	mg/kg	-	-	< 0.1	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	< 0.1	-
Naphthalene	0.1	mg/kg	-	-	< 0.1	-
Phenanthrene	0.1	mg/kg	-	-	< 0.1	-
Pyrene	0.1	mg/kg	-	-	< 0.1	-
Total PAH	0.1	mg/kg	-	-	< 0.1	-
p-Terphenyl-d14 (surr.)	1	%	-	-	100	-
2-Fluorobiphenyl (surr.)	1	%	-	-	104	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
	Lab Number		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	131	127	92	112
Tetrachloro-m-xylene (surr.)	1	%	134	131	114	107
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
	Lab Number		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.3-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.4-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
Benzal chloride	0.05	mg/kg	-	-	< 0.05	-
Benzotrichloride	0.05	mg/kg	-	-	< 0.05	-
Benzyl chloride	0.2	mg/kg	-	-	< 0.2	-
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorobutadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachloroethane	0.05	mg/kg	-	-	< 0.05	-
Pentachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Dibutylchlorendate (surr.)	1	%	-	-	92	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	114	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	-
Demeton-O	0.2	mg/kg	-	-	< 0.2	-
Diazinon	0.2	mg/kg	-	-	< 0.2	-
Dichlorvos	0.2	mg/kg	-	-	< 0.2	-
Disulfoton	0.2	mg/kg	-	-	< 0.2	-
Ethion	0.2	mg/kg	-	-	< 0.2	-
Ethoprop	0.2	mg/kg	-	-	< 0.2	-
Fenitrothion	0.2	mg/kg	-	-	< 0.2	-
Fensulfothion	0.2	mg/kg	-	-	< 0.2	-
Fenthion	0.2	mg/kg	-	-	< 0.2	-
Merphos	0.2	mg/kg	-	-	< 0.2	-
Methyl azinphos	0.2	mg/kg	-	-	< 0.2	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
	Lab Number		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	-	< 0.2	-
Mevinphos	0.2	mg/kg	-	-	< 0.2	-
Naled	0.5	mg/kg	-	-	< 0.5	-
Phorate	0.2	mg/kg	-	-	< 0.2	-
Ronnel	0.2	mg/kg	-	-	< 0.2	-
Tokuthion	0.2	mg/kg	-	-	< 0.2	-
Trichloronate	0.2	mg/kg	-	-	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	-	69	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	92	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	114	-
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	< 0.2	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	-
2-Nitrophenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.4-Dimethylphenol	0.2	mg/kg	-	-	< 0.2	-
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.6-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	-
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	< 0.2	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH22-0.1**	**BH23-0.1**	**BH24-0.1**	**BH24-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03988**	**O10-JL03989**	**O10-JL03990**	**O10-JL03991**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	< 0.5	-
Phenol	0.2	mg/kg	-	-	< 0.2	-
Phenol-d6 (surr.)	1	%	-	-	87	-
% Moisture	0.1	%	22	21	18	13
Cyanide (total)	5	mg/kg	-	-	< 5	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.2	4.4	4.6	5.1
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	23	16	20	24
Cobalt	5	mg/kg	14	6.6	9.6	7.8
Copper	5	mg/kg	7.1	6.6	6.1	7.0
Lead	5	mg/kg	19	16	16	17
Manganese	5	mg/kg	1500	1000	1100	1100
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	12	10	10	20
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	< 5	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	29	33	27	38
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH25-0.1**	**BH26-0.1**	**BH27-0.1**	**BH27-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03992**	**O10-JL03993**	**O10-JL03994**	**O10-JL03995**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	-	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	-	106	90
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH25-0.1**	**BH26-0.1**	**BH27-0.1**	**BH27-0.5**
	Lab Number		**O10-JL03992**	**O10-JL03993**	**O10-JL03994**	**O10-JL03995**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	98	126	106	-
Tetrachloro-m-xylene (surr.)	1	%	97	119	136	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Naled	0.5	mg/kg	-	< 0.5	< 0.5	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	67	59	-
% Moisture	0.1	%	18	20	20	12
Heavy Metals						

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH25-0.1**	**BH26-0.1**	**BH27-0.1**	**BH27-0.5**
	Lab Number		**O10-JL03992**	**O10-JL03993**	**O10-JL03994**	**O10-JL03995**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	4.5	5.3	4.3	6.0
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	-	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	22	25	24	27
Cobalt	5	mg/kg	8.4	12	12	8.0
Copper	5	mg/kg	8.3	7.5	8.1	10
Lead	5	mg/kg	15	19	20	17
Manganese	5	mg/kg	1200	1800	-	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	13	13	13	20
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	29	31	33	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management	**Client Sample ID**		**BH28-0.1**	**BH29-0.1**	**BH29-0.5**	**BH30-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL03996**	**O10-JL03997**	**O10-JL03998**	**O10-JL03999**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	< 20	-
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	< 50	-
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	< 100	-
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	< 100	-
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Toluene	0.05	mg/kg	-	< 0.05	< 0.05	-
Ethylbenzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	< 0.05	-
Fluorobenzene (surr.)	1	%	-	72	97	-
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH28-0.1**	**BH29-0.1**	**BH29-0.5**	**BH30-0.1**
	Lab Number		**O10-JL03996**	**O10-JL03997**	**O10-JL03998**	**O10-JL03999**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	73	93	-	122
Tetrachloro-m-xylene (surr.)	1	%	89	105	-	125
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl azinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Naled	0.5	mg/kg	< 0.5	-	-	< 0.5
Phorate	0.2	mg/kg	< 0.2	-	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	59	-	-	57
% Moisture	0.1	%	20	17	13	19
Heavy Metals						

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH28-0.1**	**BH29-0.1**	**BH29-0.5**	**BH30-0.1**
	Lab Number		**O10-JL03996**	**O10-JL03997**	**O10-JL03998**	**O10-JL03999**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.8	7.5	5.7	3.7
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	-	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	25	31	24	20
Cobalt	5	mg/kg	12	17	6.8	12
Copper	5	mg/kg	10	7.5	9.9	6.4
Lead	5	mg/kg	19	22	17	19
Manganese	5	mg/kg	1100	-	-	1900
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	24	14	21	11
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	< 5	-
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	31	30	34	36
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	< 20	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	< 50	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	< 100	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	89	77	88
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	-	< 0.1
Acenaphthylene	0.1	mg/kg	-	-	-	< 0.1
Anthracene	0.1	mg/kg	-	-	-	< 0.1
Benz(a)anthracene	0.1	mg/kg	-	-	-	< 0.1
Benzo(a)pyrene	0.1	mg/kg	-	-	-	< 0.1
Benzo(b)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	-	< 0.1
Benzo(k)fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Chrysene	0.1	mg/kg	-	-	-	< 0.1
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	-	< 0.1
Fluoranthene	0.1	mg/kg	-	-	-	< 0.1
Fluorene	0.1	mg/kg	-	-	-	< 0.1
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	-	< 0.1
Naphthalene	0.1	mg/kg	-	-	-	< 0.1
Phenanthrene	0.1	mg/kg	-	-	-	< 0.1
Pyrene	0.1	mg/kg	-	-	-	< 0.1
Total PAH	0.1	mg/kg	-	-	-	< 0.1
p-Terphenyl-d14 (surr.)	1	%	-	-	-	114
2-Fluorobiphenyl (surr.)	1	%	-	-	-	104

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	95	137	-	114
Tetrachloro-m-xylene (surr.)	1	%	107	115	-	116
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.3-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	-	< 0.05
1.4-Dichlorobenzene	0.2	mg/kg	-	-	-	< 0.2
Benzal chloride	0.05	mg/kg	-	-	-	< 0.05
Benzotrichloride	0.05	mg/kg	-	-	-	< 0.05
Benzyl chloride	0.2	mg/kg	-	-	-	< 0.2
Hexachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorobutadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	-	< 0.05
Hexachloroethane	0.05	mg/kg	-	-	-	< 0.05
Pentachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Dibutylchlorendate (surr.)	1	%	-	-	-	114
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	116
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	-	< 0.2
Demeton-O	0.2	mg/kg	-	-	-	< 0.2
Diazinon	0.2	mg/kg	-	-	-	< 0.2
Dichlorvos	0.2	mg/kg	-	-	-	< 0.2
Disulfoton	0.2	mg/kg	-	-	-	< 0.2
Ethion	0.2	mg/kg	-	-	-	< 0.2
Ethoprop	0.2	mg/kg	-	-	-	< 0.2
Fenitrothion	0.2	mg/kg	-	-	-	< 0.2
Fensulfothion	0.2	mg/kg	-	-	-	< 0.2
Fenthion	0.2	mg/kg	-	-	-	< 0.2
Merphos	0.2	mg/kg	-	-	-	< 0.5
Methyl azinphos	0.2	mg/kg	-	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	-	-	< 0.2
Mevinphos	0.2	mg/kg	-	-	-	< 0.2
Naled	0.5	mg/kg	-	-	-	< 0.5
Phorate	0.2	mg/kg	-	-	-	< 0.2
Ronnel	0.2	mg/kg	-	-	-	< 0.2
Tokuthion	0.2	mg/kg	-	-	-	< 0.2
Trichloronate	0.2	mg/kg	-	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	-	66
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	-	-	< 0.1
Total PCB	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	114
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	116
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	-	< 0.2
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	-	< 0.2
2-Nitrophenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.4-Dimethylphenol	0.2	mg/kg	-	-	-	< 0.2
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	-	< 0.2
2.6-Dichlorophenol	0.2	mg/kg	-	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	-	< 0.4
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	-	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH30-0.5**	**BH31-0.1**	**BH31-0.5**	**BH32-0.1**
	Lab Number		**O10-JL04000**	**O10-JL04001**	**O10-JL04002**	**O10-JL04003**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	-	< 0.5
Phenol	0.2	mg/kg	-	-	-	< 0.2
Phenol-d6 (surr.)	1	%	-	-	-	57
% Moisture	0.1	%	15	17	12	19
Cyanide (total)	5	mg/kg	-	-	-	< 5
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	4.7	6.5	4.3	5.8
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	-	< 10
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	22	30	22	25
Cobalt	5	mg/kg	14	14	5.3	14
Copper	5	mg/kg	13	5.7	9.3	6.9
Lead	5	mg/kg	16	22	15	21
Manganese	5	mg/kg	670	-	-	1700
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	21	11	22	12
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	< 5	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	32	28	31	32
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	-	-	< 20	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	-	-	< 50	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	-	-	< 100	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	-	-	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Toluene	0.05	mg/kg	-	-	< 0.05	< 0.05
Ethylbenzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	-	-	< 0.05	< 0.05
Fluorobenzene (surr.)	1	%	-	-	95	79
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	-	-	< 0.1	-
Acenaphthylene	0.1	mg/kg	-	-	< 0.1	-
Anthracene	0.1	mg/kg	-	-	< 0.1	-
Benz(a)anthracene	0.1	mg/kg	-	-	< 0.1	-
Benzo(a)pyrene	0.1	mg/kg	-	-	< 0.1	-
Benzo(b)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Benzo(g.h.i)perylene	0.1	mg/kg	-	-	< 0.1	-
Benzo(k)fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Chrysene	0.1	mg/kg	-	-	< 0.1	-
Dibenz(a.h)anthracene	0.1	mg/kg	-	-	< 0.1	-
Fluoranthene	0.1	mg/kg	-	-	< 0.1	-
Fluorene	0.1	mg/kg	-	-	< 0.1	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	-	-	< 0.1	-
Naphthalene	0.1	mg/kg	-	-	< 0.1	-
Phenanthrene	0.1	mg/kg	-	-	< 0.1	-
Pyrene	0.1	mg/kg	-	-	< 0.1	-
Total PAH	0.1	mg/kg	-	-	< 0.1	-
p-Terphenyl-d14 (surr.)	1	%	-	-	109	-
2-Fluorobiphenyl (surr.)	1	%	-	-	106	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
	Lab Number		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	120	84	85
Tetrachloro-m-xylene (surr.)	1	%	109	107	105	96
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.2.3-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.3-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
1.3.5-Trichlorobenzene	0.05	mg/kg	-	-	< 0.05	-
1.4-Dichlorobenzene	0.2	mg/kg	-	-	< 0.2	-
Benzal chloride	0.05	mg/kg	-	-	< 0.05	-
Benzotrichloride	0.05	mg/kg	-	-	< 0.05	-
Benzyl chloride	0.2	mg/kg	-	-	< 0.2	-
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorobutadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachlorocyclopentadiene	0.05	mg/kg	-	-	< 0.05	-
Hexachloroethane	0.05	mg/kg	-	-	< 0.05	-
Pentachlorobenzene	0.05	mg/kg	-	-	< 0.05	-
Dibutylchlorendate (surr.)	1	%	-	-	84	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	105	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.5	-
Methyl azinphos	0.2	mg/kg	-	< 0.2	< 0.2	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
	Lab Number		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Naled	0.5	mg/kg	-	< 0.5	< 0.5	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	57	71	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	84	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	105	-
Phenols						
2-Chlorophenol	0.2	mg/kg	-	-	< 0.2	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	-
2-Nitrophenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.4-Dimethylphenol	0.2	mg/kg	-	-	< 0.2	-
2.4.6-Trichlorophenol	0.2	mg/kg	-	-	< 0.2	-
2.6-Dichlorophenol	0.2	mg/kg	-	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	-
4-Chloro-3-methylphenol	0.2	mg/kg	-	-	< 0.2	-

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH32-0.5**	**BH33-0.1**	**BH34-0.1**	**BH34-0.5**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04004**	**O10-JL04005**	**O10-JL04006**	**O10-JL04007**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	-	-	< 0.5	-
Phenol	0.2	mg/kg	-	-	< 0.2	-
Phenol-d6 (surr.)	1	%	-	-	71	-
% Moisture	0.1	%	15	17	15	15
Asbestos	0		-	-	see attached	-
Cyanide (total)	5	mg/kg	-	-	< 5	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	6.7	4.8	6.8	6.4
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	< 10	< 10	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	24	22	24	20
Cobalt	5	mg/kg	13	17	8.7	7.8
Copper	5	mg/kg	9.9	7.0	11	9.9
Lead	5	mg/kg	19	19	26	14
Manganese	5	mg/kg	1400	1400	1000	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	25	13	16	19
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	-	-	< 5	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	38	33	60	31
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
Albury	**Matrix**		**Soil**	**Soil**	**Soil**	**Soil**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC	20	mg/kg	< 20	< 20	-	< 20
TRH C10-C14 Fraction by GC	50	mg/kg	< 50	< 50	-	< 50
TRH C15-C28 Fraction by GC	100	mg/kg	< 100	< 100	-	< 100
TRH C29-C36 Fraction by GC	100	mg/kg	< 100	< 100	-	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toluene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Ethylbenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Xylenes(ortho.meta and para)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Fluorobenzene (surr.)	1	%	104	82	-	98
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.1	mg/kg	< 0.1	-	-	-
Acenaphthylene	0.1	mg/kg	< 0.1	-	-	-
Anthracene	0.1	mg/kg	< 0.1	-	-	-
Benz(a)anthracene	0.1	mg/kg	< 0.1	-	-	-
Benzo(a)pyrene	0.1	mg/kg	< 0.1	-	-	-
Benzo(b)fluoranthene	0.1	mg/kg	< 0.1	-	-	-
Benzo(g.h.i)perylene	0.1	mg/kg	< 0.1	-	-	-
Benzo(k)fluoranthene	0.1	mg/kg	< 0.1	-	-	-
Chrysene	0.1	mg/kg	< 0.1	-	-	-
Dibenz(a.h)anthracene	0.1	mg/kg	< 0.1	-	-	-
Fluoranthene	0.1	mg/kg	< 0.1	-	-	-
Fluorene	0.1	mg/kg	< 0.1	-	-	-
Indeno(1.2.3-cd)pyrene	0.1	mg/kg	< 0.1	-	-	-
Naphthalene	0.1	mg/kg	< 0.1	-	-	-
Phenanthrene	0.1	mg/kg	< 0.1	-	-	-
Pyrene	0.1	mg/kg	< 0.1	-	-	-
Total PAH	0.1	mg/kg	< 0.1	-	-	-
p-Terphenyl-d14 (surr.)	1	%	130	-	-	-
2-Fluorobiphenyl (surr.)	1	%	120	-	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Organochlorine Pesticides						
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlordane	0.1	mg/kg	0.7	< 0.1	< 0.1	0.4
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxophene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	89	94	80	88
Tetrachloro-m-xylene (surr.)	1	%	109	116	100	107
Chlorinated Hydrocarbons						
1.2-Dichlorobenzene	0.2	mg/kg	< 0.2	-	-	-
1.2.3-Trichlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.2.3.4-Tetrachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.2.3.5-Tetrachlorobenzene	0.05	mg/kg	< 0.05	-	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
1.2.4-Trichlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.2.4.5-Tetrachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.3-Dichlorobenzene	0.2	mg/kg	< 0.2	-	-	-
1.3.5-Trichlorobenzene	0.05	mg/kg	< 0.05	-	-	-
1.4-Dichlorobenzene	0.2	mg/kg	< 0.2	-	-	-
Benzal chloride	0.05	mg/kg	< 0.05	-	-	-
Benzotrichloride	0.05	mg/kg	< 0.05	-	-	-
Benzyl chloride	0.2	mg/kg	< 0.2	-	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Hexachlorobutadiene	0.05	mg/kg	< 0.05	-	-	-
Hexachlorocyclopentadiene	0.05	mg/kg	< 0.05	-	-	-
Hexachloroethane	0.05	mg/kg	< 0.05	-	-	-
Pentachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Dibutylchlorendate (surr.)	1	%	89	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	109	-	-	-
Organophosphorous Pesticides						
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.5	-	< 0.2	< 0.2
Methyl azinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Naled	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	59	-	59	62
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1221	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1232	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1242	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1248	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1254	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	-
Total PCB	0.1	mg/kg	< 0.1	-	-	-
Dibutylchlorendate (surr.)	1	%	89	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	109	-	-	-
Phenols						
2-Chlorophenol	0.2	mg/kg	< 0.2	-	-	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	-	-
2-Nitrophenol	0.5	mg/kg	< 0.5	-	-	-
2.4-Dichlorophenol	0.2	mg/kg	< 0.2	-	-	-
2.4-Dimethylphenol	0.2	mg/kg	< 0.2	-	-	-
2.4.6-Trichlorophenol	0.2	mg/kg	< 0.2	-	-	-
2.6-Dichlorophenol	0.2	mg/kg	< 0.2	-	-	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	-	-
4-Chloro-3-methylphenol	0.2	mg/kg	< 0.2	-	-	-

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**		**BH35-0.1**	**BH35-0.5**	**DUP-B**	**DUP-D**
	Lab Number		**O10-JL04008**	**O10-JL04009**	**O10-JL04010**	**O10-JL04011**
	Matrix		**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**				
Pentachlorophenol	0.5	mg/kg	< 0.5	-	-	-
Phenol	0.2	mg/kg	< 0.2	-	-	-
Phenol-d6 (surr.)	1	%	101	-	-	-
% Moisture	0.1	%	17	13	15	19
Asbestos	0		see attached	-	-	-
Cyanide (total)	5	mg/kg	< 5	-	-	-
Heavy Metals						
Antimony	10	mg/kg	< 10	< 10	< 10	< 10
Arsenic	2	mg/kg	5.3	5.4	4.5	5.9
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	-	< 10	-
Cadmium	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg	25	25	20	30
Cobalt	5	mg/kg	10	5.4	7.1	11
Copper	5	mg/kg	12	11	< 5	11
Lead	5	mg/kg	31	17	14	33
Manganese	5	mg/kg	1400	-	640	-
Molybdenum	10	mg/kg	< 10	< 10	< 10	< 10
Nickel	5	mg/kg	13	21	8.4	16
Selenium	2	mg/kg	< 2	< 2	< 2	< 2
Silver	5	mg/kg	< 5	< 5	-	< 5
Tin	10	mg/kg	< 10	< 10	< 10	< 10
Zinc	5	mg/kg	39	40	22	43
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1

COMMENTS:

Vantage Environmental Management	**Client Sample ID**		**WB9710**	**TB9710**	**TS9710**
Suite 4 539-541 Kiewa St	**Lab Number**		**O10-JL04012**	**O10-JL04013**	**O10-JL04014**
Albury	**Matrix**		**Water**	**Water**	**Water**
New South Wales 2640	**Sample Date**		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**LOR**	**Units**			
Total Recoverable Hydrocarbons					
TRH C6-C9 Fraction by GC	0.02	mg/L	< 0.02	< 0.02	77%
TRH C10-C14 Fraction by GC	0.05	mg/L	< 0.05	-	-
TRH C15-C28 Fraction by GC	0.1	mg/L	< 0.1	-	-
TRH C29-C36 Fraction by GC	0.1	mg/L	< 0.1	-	-
Monocyclic Aromatic Hydrocarbons					
Benzene	0.001	mg/L	< 0.001	< 0.001	80%
Toluene	0.001	mg/L	< 0.001	< 0.001	99%
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	110%
Xylenes(ortho.meta and para)	0.003	mg/L	< 0.003	< 0.003	98%
Fluorobenzene (surr.)	1	%	71	70	72
Heavy Metals					
Antimony	0.005	mg/L	< 0.005	-	-
Arsenic	0.001	mg/L	< 0.001	-	-
Beryllium	0.001	mg/L	< 0.001	-	-
Cadmium	0.0002	mg/L	< 0.0002	-	-
Chromium	0.001	mg/L	< 0.001	-	-
Cobalt	0.001	mg/L	< 0.001	-	-
Copper	0.001	mg/L	< 0.001	-	-
Lead	0.001	mg/L	< 0.001	-	-
Molybdenum	0.005	mg/L	< 0.005	-	-
Nickel	0.001	mg/L	< 0.001	-	-
Selenium	0.001	mg/L	< 0.001	-	-
Silver	0.005	mg/L	< 0.005	-	-
Tin	0.005	mg/L	< 0.005	-	-
Zinc	0.001	mg/L	< 0.001	-	-
Mercury	0.0001	mg/L	< 0.0001	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH1-0.1**	**BH1-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL03960**	**10-JL03960**	**10-JL03960**	**10-JL03960**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Aroclor-1016		-	< 0.1	< 1	-	-	-
Aroclor-1221		-	< 0.1	< 1	-	-	-
Aroclor-1232		-	< 0.1	< 1	-	-	-
Aroclor-1242		-	< 0.1	< 1	-	-	-
Aroclor-1248		-	< 0.1	< 1	-	-	-
Aroclor-1254		-	< 0.1	< 1	-	-	-
Aroclor-1260		-	< 0.1	< 1	-	-	-
Total PCB		-	< 0.1	< 1	-	-	-
Organochlorine Pesticides							
4.4'-DDD		< 0.05	< 0.05	< 1	129	121	< 0.05
4.4'-DDE		< 0.05	< 0.05	< 1	117	108	< 0.05
4.4'-DDT		< 0.05	< 0.05	< 1	74	94	< 0.05
a-BHC		< 0.05	< 0.05	< 1	113	116	< 0.05
Aldrin		< 0.05	< 0.05	< 1	106	109	< 0.05
b-BHC		< 0.05	< 0.05	< 1	90	116	< 0.05
Chlordane		< 0.1	< 0.1	< 1	-	-	< 0.1
d-BHC		< 0.05	< 0.05	< 1	127	115	< 0.05
Dieldrin		< 0.05	< 0.05	< 1	119	118	< 0.05
Endosulfan I		< 0.05	< 0.05	< 1	106	123	< 0.05
Endosulfan II		< 0.05	< 0.05	< 1	112	119	< 0.05
Endosulfan sulphate		< 0.05	< 0.05	< 1	120	110	< 0.05
Endrin		< 0.05	< 0.05	< 1	76	101	< 0.05
Endrin aldehyde		< 0.05	< 0.05	< 1	117	120	< 0.05
Endrin ketone		< 0.05	< 0.05	< 1	112	84	< 0.05
g-BHC (Lindane)		< 0.05	< 0.05	< 1	108	109	< 0.05
Heptachlor		< 0.05	< 0.05	< 1	80	103	< 0.05
Heptachlor epoxide		< 0.05	< 0.05	< 1	102	129	< 0.05
Hexachlorobenzene		< 0.05	< 0.05	< 1	98	102	< 0.05
Methoxychlor		< 0.05	< 0.05	< 1	71	103	< 0.05

COMMENTS:

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

	Client Sample	**BH1-0.1**	**BH1-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL03960**	**10-JL03960**	**10-JL03960**	**10-JL03960**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Organochlorine Pesticides							
Toxophene		< 0.1	< 0.1	< 1	-	-	< 0.1
Chlorinated Hydrocarbons							
1.2-Dichlorobenzene		-	< 0.2	< 1	92	-	-
1.2.3-Trichlorobenzene		-	< 0.05	< 1	83	-	-
1.2.3.4-Tetrachlorobenzene		-	< 0.05	< 1	95	-	-
1.2.3.5-Tetrachlorobenzene		-	< 0.05	< 1	-	-	-
1.2.4-Trichlorobenzene		-	< 0.05	< 1	-	-	-
1.2.4.5-Tetrachlorobenzene		-	< 0.05	< 1	83	-	-
1.3-Dichlorobenzene		-	< 0.2	< 1	84	-	-
1.3.5-Trichlorobenzene		-	< 0.05	< 1	93	-	-
Benzal chloride		-	< 0.05	< 1	-	-	-
Benzotrichloride		-	< 0.05	< 1	-	-	-
Benzyl chloride		-	< 0.2	< 1	-	-	-
Hexachlorobutadiene		-	< 0.05	< 1	95	-	-
Hexachlorocyclopentadiene		-	< 0.05	< 1	-	-	-
Hexachloroethane		-	< 0.05	< 1	101	-	-
Pentachlorobenzene		-	< 0.05	< 1	96	-	-
Heavy Metals							
Antimony		< 10	< 10	< 1	97	100	< 10
Arsenic		7.2	6.7	6.5	101	99	< 2
Beryllium		< 2	< 2	< 1	101	99	< 2
Boron		< 10	< 10	< 1	85	97	< 10
Cadmium		< 0.5	< 0.5	< 1	106	105	< 0.5
Chromium		27	28	6.0	100	108	< 5
Cobalt		11	9.6	14	98	108	< 5
Copper		9.8	10	6.8	118	105	< 5
Lead		23	21	10	95	105	< 5
Manganese		620	580	6.0	-	100	< 5

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH1-0.1**	**BH1-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number	**10-JL03960**	**10-JL03960**	**10-JL03960**	**10-JL03960**	**Batch**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery	% Recovery	mg/L
Heavy Metals						
Mercury		< 0.1	< 0.1	< 1	-	88	< 0.1
Molybdenum		< 10	< 10	< 1	96	97	< 10
Nickel		19	17	4.2	90	97	< 5
Selenium		< 2	< 2	< 1	98	97	< 2
Silver		-	< 5	< 1	80	-	-
Tin		< 10	< 10	< 1	98	103	< 10
Zinc		38	36	6.6	89	95	< 5
1.4-Dichlorobenzene		-	< 0.2	< 1	86	-	-

COMMENTS:

Vantage Environmental Management Suite 4 539-541 Kiewa St Albury New South Wales 2640	Client Sample ID	BH2-0.1	BH2-0.1	RPD	SPIKE	LCS	Method blank
	Lab Number	10-JL03961	10-JL03961	10-JL03961	10-JL03961	Batch	Batch
	QA Description		Duplicate	Duplicate % RPD	Spike % Recovery	% Recovery	
	Matrix	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Cyanide (total)		< 5	< 5	< 1	97	101	< 5
Total Recoverable Hydrocarbons							
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	89	101	< 20
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	100	115	< 50
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-	-	< 100
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-	-	< 100
Monocyclic Aromatic Hydrocarbons							
Benzene		< 0.05	< 0.05	< 1	92	107	< 0.05
Toluene		< 0.05	< 0.05	< 1	93	105	< 0.05
Ethylbenzene		< 0.05	< 0.05	< 1	93	104	< 0.05
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	94	103	< 0.05
Polycyclic Aromatic Hydrocarbons					Batch		
Acenaphthene		< 0.1	< 0.1	< 1	112	97	< 0.1
Acenaphthylene		< 0.1	< 0.1	< 1	118	108	< 0.1
Anthracene		< 0.1	< 0.1	< 1	128	102	< 0.1
Benz(a)anthracene		< 0.1	< 0.1	< 1	117	102	< 0.1
Benzo(a)pyrene		< 0.1	< 0.1	< 1	114	107	< 0.1
Benzo(b)fluoranthene		< 0.1	< 0.1	< 1	111	103	< 0.1
Benzo(g.h.i)perylene		< 0.1	< 0.1	< 1	111	102	< 0.1
Benzo(k)fluoranthene		< 0.1	< 0.1	< 1	115	128	< 0.1
Chrysene		< 0.1	< 0.1	< 1	108	115	< 0.1
Dibenz(a.h)anthracene		< 0.1	< 0.1	< 1	125	90	< 0.1
Fluoranthene		< 0.1	< 0.1	< 1	100	120	< 0.1
Fluorene		< 0.1	< 0.1	< 1	118	102	< 0.1
Indeno(1.2.3-cd)pyrene		< 0.1	< 0.1	< 1	118	96	< 0.1
Naphthalene		< 0.1	< 0.1	< 1	118	106	< 0.1
Phenanthrene		< 0.1	< 0.1	< 1	110	98	< 0.1
Pyrene		< 0.1	< 0.1	< 1	98	114	< 0.1
Organophosphorous Pesticides							

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample		**BH2-0.1**	**BH2-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number		**10-JL03961**	**10-JL03961**	**10-JL03961**	**10-JL03961**	**Batch**	**Batch**
QA Description			**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix		**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date		**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Organophosphorous Pesticides							
Bolstar		< 0.2	< 0.2	< 1	-	-	< 0.2
Chlorpyrifos		< 0.2	< 0.2	< 1	-	96	< 0.2
Demeton-O		< 0.2	< 0.2	< 1	-	-	< 0.2
Diazinon		< 0.2	< 0.2	< 1	92	99	< 0.2
Dichlorvos		< 0.2	< 0.2	< 1	-	-	< 0.2
Disulfoton		< 0.2	< 0.2	< 1	-	-	< 0.2
Ethion		< 0.2	< 0.2	< 1	86	87	< 0.2
Ethoprop		< 0.2	< 0.2	< 1	-	-	< 0.2
Fenitrothion		< 0.2	< 0.2	< 1	90	84	< 0.2
Fensulfothion		< 0.2	< 0.2	< 1	-	-	< 0.2
Fenthion		< 0.2	< 0.2	< 1	-	89	< 0.2
Merphos		< 0.5	< 0.5	< 1	-	-	< 0.2
Methyl azinphos		< 0.2	< 0.2	< 1	-	-	< 0.2
Methyl parathion		< 0.2	< 0.2	< 1	83	76	< 0.2
Mevinphos		< 0.2	< 0.2	< 1	101	-	< 0.2
Naled		< 0.5	< 0.5	< 1	-	-	< 0.5
Phorate		< 0.2	< 0.2	< 1	-	-	< 0.2
Ronnel		< 0.2	< 0.2	< 1	-	-	< 0.2
Tokuthion		< 0.2	< 0.2	< 1	-	-	< 0.2
Trichloronate		< 0.2	< 0.2	< 1	-	-	< 0.2
Phenols					Batch		
2-Chlorophenol		< 0.2	< 0.2	< 1	109	108	< 0.2
2-Methylphenol (o-Cresol)		< 0.2	< 0.2	< 1	-	106	< 0.2
2-Nitrophenol		< 0.5	< 0.5	< 1	-	91	< 0.5
2.4-Dichlorophenol		< 0.2	< 0.2	< 1	105	100	< 0.2
2.4-Dimethylphenol		< 0.2	< 0.2	< 1	105	101	< 0.2
2.4.6-Trichlorophenol		< 0.2	< 0.2	< 1	97	112	< 0.2
2.6-Dichlorophenol		< 0.2	< 0.2	< 1	124	105	< 0.2

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH2-0.1**	**BH2-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number	**10-JL03961**	**10-JL03961**	**10-JL03961**	**10-JL03961**	**Batch**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery	% Recovery	mg/L
Phenols				Batch		
3&4-Methylphenol (m&p-Cresol)		< 0.4	< 0.4	< 1	110	100	< 0.4
4-Chloro-3-methylphenol		< 0.2	< 0.2	< 1	107	92	< 0.2
Pentachlorophenol		< 0.5	< 0.5	< 1	78	87	< 0.5
Phenol		< 0.2	< 0.2	< 1	111	114	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**Batch**	**Batch**	**Batch**	**Batch**
	QA Description		**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% Recovery	% Recovery	mg/L
Chlorinated Hydrocarbons					
1.2-Dichlorobenzene		-	-	113	< 0.2
1.2.3-Trichlorobenzene		-	-	101	< 0.05
1.2.3.4-Tetrachlorobenzene		-	-	89	< 0.05
1.2.3.5-Tetrachlorobenzene		-	-	104	< 0.05
1.2.4-Trichlorobenzene		-	-	74	< 0.05
1.2.4.5-Tetrachlorobenzene		-	-	114	< 0.05
1.3-Dichlorobenzene		-	-	92	< 0.2
1.3.5-Trichlorobenzene		-	-	98	< 0.05
Benzal chloride		-	-	93	< 0.05
Benzotrichloride		-	-	88	< 0.05
Hexachlorobutadiene		-	-	93	< 0.05
Hexachloroethane		-	-	104	< 0.05
1.4-Dichlorobenzene		-	-	103	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH9-0.1**	**BH9-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03970**	**10-JL03970**	**10-JL03970**	**10-JL03970**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Heavy Metals					
Antimony		< 10	< 10	< 1	86
Arsenic		5.8	5.5	6.0	89
Beryllium		< 2	< 2	< 1	95
Boron		< 10	< 10	< 1	-
Cadmium		< 0.5	< 0.5	< 1	94
Chromium		23	24	3.5	101
Cobalt		8.0	8.5	5.4	92
Copper		11	11	< 1	116
Lead		17	17	4.6	93
Manganese		1000	1100	7.9	-
Mercury		< 0.1	< 0.1	< 1	-
Molybdenum		< 10	< 10	< 1	88
Nickel		22	22	1.6	93
Selenium		< 2	< 2	< 1	84
Silver		-	< 5	< 1	78
Tin		< 10	< 10	< 1	86
Zinc		34	33	1.9	97

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH10-0.1**	**BH10-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03971**	**10-JL03971**	**10-JL03971**	**10-JL03971**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	121
4.4'-DDE		< 0.05	< 0.05	< 1	107
4.4'-DDT		< 0.05	< 0.05	< 1	74
a-BHC		< 0.05	< 0.05	< 1	106
Aldrin		< 0.05	< 0.05	< 1	104
b-BHC		< 0.05	< 0.05	< 1	94
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	106
Dieldrin		< 0.05	< 0.05	< 1	105
Endosulfan I		< 0.05	< 0.05	< 1	103
Endosulfan II		< 0.05	< 0.05	< 1	96
Endosulfan sulphate		< 0.05	< 0.05	< 1	99
Endrin		< 0.05	< 0.05	< 1	103
Endrin aldehyde		< 0.05	< 0.05	< 1	75
Endrin ketone		< 0.05	< 0.05	< 1	75
g-BHC (Lindane)		< 0.05	< 0.05	< 1	103
Heptachlor		< 0.05	< 0.05	< 1	122
Heptachlor epoxide		< 0.05	< 0.05	< 1	112
Hexachlorobenzene		< 0.05	< 0.05	< 1	105
Methoxychlor		< 0.05	< 0.05	< 1	95

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

	Client Sample	**BH10-0.1**	**BH10-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03971**	**10-JL03971**	**10-JL03971**	**10-JL03971**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Organochlorine Pesticides					
Toxophene		< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH17-0.1**	**BH17-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03980**	**10-JL03980**	**10-JL03980**	**10-JL03980**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Heavy Metals					
Antimony		< 10	< 10	< 1	77
Arsenic		5.2	5.3	3.3	81
Beryllium		< 2	< 2	< 1	86
Boron		< 10	< 10	< 1	-
Cadmium		< 0.5	< 0.5	< 1	84
Chromium		27	24	11	83
Cobalt		11	12	8.0	75
Copper		8.4	8.7	3.5	98
Lead		19	18	4.9	75
Manganese		1400	1500	7.2	-
Mercury		< 0.1	< 0.1	< 1	82
Molybdenum		< 10	< 10	< 1	82
Nickel		14	13	3.5	76
Selenium		< 2	< 2	< 1	79
Silver		-	< 5	< 1	75
Tin		< 10	< 10	< 1	78
Zinc		35	35	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH18-0.1**	**BH18-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03981**	**10-JL03981**	**10-JL03981**	**10-JL03981**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	126
4.4'-DDE		< 0.05	< 0.05	< 1	125
4.4'-DDT		< 0.05	< 0.05	< 1	111
a-BHC		< 0.05	< 0.05	< 1	107
Aldrin		< 0.05	< 0.05	< 1	105
b-BHC		< 0.05	< 0.05	< 1	98
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	73
Dieldrin		< 0.05	< 0.05	< 1	110
Endosulfan I		< 0.05	< 0.05	< 1	109
Endosulfan II		< 0.05	< 0.05	< 1	106
Endosulfan sulphate		< 0.05	< 0.05	< 1	105
Endrin		< 0.05	< 0.05	< 1	110
Endrin aldehyde		< 0.05	< 0.05	< 1	100
Endrin ketone		< 0.05	< 0.05	< 1	117
g-BHC (Lindane)		< 0.05	< 0.05	< 1	97
Heptachlor		< 0.05	< 0.05	< 1	97
Heptachlor epoxide		< 0.05	< 0.05	< 1	115
Hexachlorobenzene		< 0.05	< 0.05	< 1	106
Methoxychlor		< 0.05	< 0.05	< 1	111

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH18-0.1**	**BH18-0.1**	**RPD**	**SPIKE**
Lab Number	**10-JL03981**	**10-JL03981**	**10-JL03981**	**10-JL03981**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Organochlorine Pesticides				
Toxophene	< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH20-0.1**	**BH20-0.1**	**RPD**	**SPIKE**
	Lab Number	**10-JL03985**	**10-JL03985**	**10-JL03985**	**10-JL03985**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Organophosphorous Pesticides					
Bolstar		< 0.2	< 0.2	< 1	-
Chlorpyrifos		< 0.2	< 0.2	< 1	-
Demeton-O		< 0.2	< 0.2	< 1	-
Diazinon		< 0.2	< 0.2	< 1	74
Dichlorvos		< 0.2	< 0.2	< 1	-
Disulfoton		< 0.2	< 0.2	< 1	-
Ethion		< 0.2	< 0.2	< 1	128
Ethoprop		< 0.2	< 0.2	< 1	-
Fenitrothion		< 0.2	< 0.2	< 1	107
Fensulfothion		< 0.2	< 0.2	< 1	-
Fenthion		< 0.2	< 0.2	< 1	-
Merphos		< 0.2	< 0.2	< 1	-
Methyl azinphos		< 0.2	< 0.2	< 1	-
Methyl parathion		< 0.2	< 0.2	< 1	106
Mevinphos		< 0.2	< 0.2	< 1	93
Naled		< 0.5	< 0.5	< 1	-
Phorate		< 0.2	< 0.2	< 1	-
Ronnel		< 0.2	< 0.2	< 1	-
Tokuthion		< 0.2	< 0.2	< 1	-
Trichloronate		< 0.2	< 0.2	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH20-0.5**	**BH20-0.5**	**RPD**	**SPIKE**
	Lab Number	**10-JL03986**	**10-JL03986**	**10-JL03986**	**10-JL03986**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	88
4.4'-DDE		< 0.05	< 0.05	< 1	111
4.4'-DDT		< 0.05	< 0.05	< 1	80
a-BHC		< 0.05	< 0.05	< 1	120
Aldrin		< 0.05	< 0.05	< 1	113
b-BHC		< 0.05	< 0.05	< 1	104
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	115
Dieldrin		< 0.05	< 0.05	< 1	105
Endosulfan I		< 0.05	< 0.05	< 1	110
Endosulfan II		< 0.05	< 0.05	< 1	105
Endosulfan sulphate		< 0.05	< 0.05	< 1	110
Endrin		< 0.05	< 0.05	< 1	97
Endrin aldehyde		< 0.05	< 0.05	< 1	120
Endrin ketone		< 0.05	< 0.05	< 1	130
g-BHC (Lindane)		< 0.05	< 0.05	< 1	109
Heptachlor		< 0.05	< 0.05	< 1	106
Heptachlor epoxide		< 0.05	< 0.05	< 1	126
Hexachlorobenzene		< 0.05	< 0.05	< 1	113
Methoxychlor		< 0.05	< 0.05	< 1	77

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH20-0.5**	**BH20-0.5**	**RPD**	**SPIKE**
Lab Number	**10-JL03986**	**10-JL03986**	**10-JL03986**	**10-JL03986**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Organochlorine Pesticides				
Toxophene		< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH24-0.1**	**BH24-0.1**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL03990**	**10-JL03990**	**10-JL03990**	**10-JL03990**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Heavy Metals							
Antimony		< 10	< 10	< 1	87	-	-
Arsenic		4.6	4.8	3.4	89	-	-
Beryllium		< 2	< 2	< 1	95	-	-
Boron		< 10	< 10	< 1	78	-	-
Cadmium		< 0.5	< 0.5	< 1	94	-	-
Chromium		20	21	5.6	97	-	-
Cobalt		9.6	11	13	97	-	-
Copper		6.1	6.3	3.8	109	-	-
Lead		16	17	3.6	91	-	-
Manganese		1100	1200	8.8	-	-	-
Mercury		< 0.1	< 0.1	< 1	82	-	-
Molybdenum		< 10	< 10	< 1	91	-	-
Nickel		10	11	4.8	88	-	-
Selenium		< 2	< 2	< 1	83	-	-
Silver		< 5	< 5	< 1	-	91	< 5
Tin		< 10	< 10	< 1	87	-	-
Zinc		27	27	3.2	91	-	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH24-0.5**	**BH24-0.5**	**RPD**	**SPIKE**
	Lab Number	**10-JL03991**	**10-JL03991**	**10-JL03991**	**10-JL03991**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Aroclor-1016		-	< 0.1	< 1	-
Aroclor-1221		-	< 0.1	< 1	-
Aroclor-1232		-	< 0.1	< 1	-
Aroclor-1242		-	< 0.1	< 1	-
Aroclor-1248		-	< 0.1	< 1	-
Aroclor-1254		-	< 0.1	< 1	-
Aroclor-1260		-	< 0.1	< 1	-
Total PCB		-	< 0.1	< 1	-
Organochlorine Pesticides					
4.4'-DDD		< 0.05	< 0.05	< 1	130
4.4'-DDE		< 0.05	< 0.05	< 1	111
4.4'-DDT		< 0.05	< 0.05	< 1	73
a-BHC		< 0.05	< 0.05	< 1	118
Aldrin		< 0.05	< 0.05	< 1	112
b-BHC		< 0.05	< 0.05	< 1	104
Chlordane		< 0.1	< 0.1	< 1	-
d-BHC		< 0.05	< 0.05	< 1	109
Dieldrin		< 0.05	< 0.05	< 1	106
Endosulfan I		< 0.05	< 0.05	< 1	106
Endosulfan II		< 0.05	< 0.05	< 1	99
Endosulfan sulphate		< 0.05	< 0.05	< 1	101
Endrin		< 0.05	< 0.05	< 1	90
Endrin aldehyde		< 0.05	< 0.05	< 1	103
Endrin ketone		< 0.05	< 0.05	< 1	128
g-BHC (Lindane)		< 0.05	< 0.05	< 1	106
Heptachlor		< 0.05	< 0.05	< 1	103
Heptachlor epoxide		< 0.05	< 0.05	< 1	120
Hexachlorobenzene		< 0.05	< 0.05	< 1	109
Methoxychlor		< 0.05	< 0.05	< 1	76

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH24-0.5**	**BH24-0.5**	**RPD**	**SPIKE**
Lab Number	**10-JL03991**	**10-JL03991**	**10-JL03991**	**10-JL03991**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Organochlorine Pesticides				
Toxophene		< 0.1	< 0.1	< 1	-

COMMENTS:

Vantage Environmental Management Suite 4 539-541 Kiewa St Albury New South Wales 2640	Client Sample ID	BH27-0.1	BH27-0.1	RPD	SPIKE
	Lab Number	10-JL03994	10-JL03994	10-JL03994	10-JL03994
	QA Description		Duplicate	Duplicate % RPD	Spike % Recovery
	Matrix	Soil	Soil	Soil	Soil
	Sample Date	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010	Jul 9, 2010
Analysis Type	**Units**			% RPD	% Recovery
Total Recoverable Hydrocarbons					
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	80
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	99
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-
Monocyclic Aromatic Hydrocarbons					
Benzene		< 0.05	< 0.05	< 1	84
Toluene		< 0.05	< 0.05	< 1	89
Ethylbenzene		< 0.05	< 0.05	< 1	86
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	82

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH30-0.5**	**BH30-0.5**	**RPD**	**SPIKE**
	Lab Number	**10-JL04000**	**10-JL04000**	**10-JL04000**	**10-JL04000**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Heavy Metals					
Antimony		< 10	< 10	< 1	-
Arsenic		4.7	5.6	18	-
Beryllium		< 2	< 2	< 1	-
Boron		< 10	< 10	< 1	-
Cadmium		< 0.5	< 0.5	< 1	-
Chromium		22	24	6.5	-
Cobalt		14	20	30	-
Copper		13	13	3.4	-
Lead		16	18	7.3	-
Manganese		670	710	4.6	-
Mercury		< 0.1	< 0.1	< 1	77
Molybdenum		< 10	< 10	< 1	-
Nickel		21	21	1.1	-
Selenium		< 2	< 2	< 1	-
Silver		-	< 5	< 1	-
Tin		< 10	< 10	< 1	-
Zinc		32	33	5.5	-

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**BH35-0.5**	**BH35-0.5**	**RPD**	**SPIKE**	**LCS**	**Method blank**
	Lab Number	**10-JL04009**	**10-JL04009**	**10-JL04009**	**10-JL04009**	**Batch**	**Batch**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Aroclor-1016		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1221		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1232		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1242		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1248		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1254		-	< 0.1	< 1	-	-	< 0.1
Aroclor-1260		-	< 0.1	< 1	-	-	< 0.1
Total PCB		-	< 0.1	< 1	-	-	< 0.1
Total Recoverable Hydrocarbons							
TRH C6-C9 Fraction by GC		< 20	< 20	< 1	79	-	-
TRH C10-C14 Fraction by GC		< 50	< 50	< 1	104	-	-
TRH C15-C28 Fraction by GC		< 100	< 100	< 1	-	-	-
TRH C29-C36 Fraction by GC		< 100	< 100	< 1	-	-	-
Monocyclic Aromatic Hydrocarbons							
Benzene		< 0.05	< 0.05	< 1	83	-	-
Toluene		< 0.05	< 0.05	< 1	91	-	-
Ethylbenzene		< 0.05	< 0.05	< 1	91	-	-
Xylenes(ortho.meta and para)		< 0.05	< 0.05	< 1	92	-	-
Organochlorine Pesticides							
4.4'-DDD		< 0.05	< 0.05	< 1	103	-	-
4.4'-DDE		< 0.05	< 0.05	< 1	90	-	-
4.4'-DDT		< 0.05	< 0.05	< 1	77	-	-
a-BHC		< 0.05	< 0.05	< 1	93	-	-
Aldrin		< 0.05	< 0.05	< 1	92	-	-
b-BHC		< 0.05	< 0.05	< 1	71	-	-
Chlordane		< 0.1	< 0.1	< 1	-	-	-
d-BHC		< 0.05	< 0.05	< 1	91	-	-
Dieldrin		< 0.05	< 0.05	< 1	79	-	-
Endosulfan I		< 0.05	< 0.05	< 1	93	-	-

COMMENTS:

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH35-0.5**	**BH35-0.5**	**RPD**	**SPIKE**	**LCS**	**Method blank**
Lab Number	**10-JL04009**	**10-JL04009**	**10-JL04009**	**10-JL04009**	**Batch**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	**% Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery	% Recovery	mg/L
Organochlorine Pesticides							
Endosulfan II		< 0.05	< 0.05	< 1	88	-	-
Endosulfan sulphate		< 0.05	< 0.05	< 1	78	-	-
Endrin		< 0.05	< 0.05	< 1	81	-	-
Endrin aldehyde		< 0.05	< 0.05	< 1	93	-	-
Endrin ketone		< 0.05	< 0.05	< 1	107	-	-
g-BHC (Lindane)		< 0.05	< 0.05	< 1	89	-	-
Heptachlor		< 0.05	< 0.05	< 1	96	-	-
Heptachlor epoxide		< 0.05	< 0.05	< 1	89	-	-
Hexachlorobenzene		< 0.05	< 0.05	< 1	92	-	-
Methoxychlor		< 0.05	< 0.05	< 1	95	-	-
Toxophene		< 0.1	< 0.1	< 1	-	-	-
Chlorinated Hydrocarbons							
1.2-Dichlorobenzene		-	< 0.2	< 1	109	90	< 0.2
1.2.3-Trichlorobenzene		-	< 0.05	< 1	114	103	< 0.05
1.2.3.4-Tetrachlorobenzene		-	< 0.05	< 1	113	106	< 0.05
1.2.3.5-Tetrachlorobenzene		-	< 0.05	< 1	-	77	< 0.05
1.2.4-Trichlorobenzene		-	< 0.05	< 1	-	85	< 0.05
1.2.4.5-Tetrachlorobenzene		-	< 0.05	< 1	82	109	< 0.05
1.3-Dichlorobenzene		-	< 0.2	< 1	127	98	< 0.2
1.3.5-Trichlorobenzene		-	< 0.05	< 1	114	95	< 0.05
Benzal chloride		-	< 0.05	< 1	-	107	< 0.05
Benzotrichloride		-	< 0.05	< 1	-	103	< 0.05
Benzyl chloride		-	< 0.2	< 1	-	-	< 0.2
Hexachlorobutadiene		-	< 0.05	< 1	96	85	< 0.05
Hexachlorocyclopentadiene		-	< 0.05	< 1	-	74	< 0.05
Hexachloroethane		-	< 0.05	< 1	108	85	< 0.05
Pentachlorobenzene		-	< 0.05	< 1	102	-	< 0.05

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**BH35-0.5**	**BH35-0.5**	**RPD**	**SPIKE**	**Method blank**
Lab Number	**10-JL04009**	**10-JL04009**	**10-JL04009**	**10-JL04009**	**Batch**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**	
Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery	mg/L
1.4-Dichlorobenzene		-	< 0.2	< 1	123	< 0.2

COMMENTS:

Vantage Environmental Management **Suite 4 539-541 Kiewa St** **Albury** **New South Wales 2640**	**Client Sample ID**	**DUP-B**	**DUP-B**	**RPD**	**SPIKE**
	Lab Number	**10-JL04010**	**10-JL04010**	**10-JL04010**	**10-JL04010**
	QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
	Matrix	**Soil**	**Soil**	**Soil**	**Soil**
	Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**			% RPD	% Recovery
Organophosphorous Pesticides					
Bolstar		< 0.2	< 0.2	< 1	-
Chlorpyrifos		< 0.2	< 0.2	< 1	-
Demeton-O		< 0.2	< 0.2	< 1	-
Diazinon		< 0.2	< 0.2	< 1	104
Dichlorvos		< 0.2	< 0.2	< 1	-
Disulfoton		< 0.2	< 0.2	< 1	-
Ethion		< 0.2	< 0.2	< 1	127
Ethoprop		< 0.2	< 0.2	< 1	-
Fenitrothion		< 0.2	< 0.2	< 1	122
Fensulfothion		< 0.2	< 0.2	< 1	-
Fenthion		< 0.2	< 0.2	< 1	-
Merphos		< 0.2	< 0.2	< 1	-
Methyl azinphos		< 0.2	< 0.2	< 1	-
Methyl parathion		< 0.2	< 0.2	< 1	105
Mevinphos		< 0.2	< 0.2	< 1	99
Naled		< 0.5	< 0.5	< 1	-
Phorate		< 0.2	< 0.2	< 1	-
Ronnel		< 0.2	< 0.2	< 1	-
Tokuthion		< 0.2	< 0.2	< 1	-
Trichloronate		< 0.2	< 0.2	< 1	-
Heavy Metals					
Antimony		< 10	< 10	< 1	85
Arsenic		4.5	3.8	15	86
Beryllium		< 2	< 2	< 1	92
Boron		< 10	< 10	< 1	77
Cadmium		< 0.5	< 0.5	< 1	90
Chromium		20	18	14	88
Cobalt		7.1	7.1	< 1	98

COMMENTS:

mgt Environmental

ABN – 50 005 085 521 e.mail : mgt@mgtenv.com.au web : www.mgtenv.com.au

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : 03 9564 7055
NATA Site # 1254

Sydney
1a Chilvers Rd
Thornleigh NSW 2120
Phone : 02 9484 3300
NATA Site # 18217

Adelaide
140 Richmond Rd
Marleston SA 5033
Phone : 08 8443 4430

Vantage Environmental Management
Suite 4 539-541 Kiewa St
Albury

New South Wales 2640

Client Sample	**DUP-B**	**DUP-B**	**RPD**	**SPIKE**
Lab Number	**10-JL04010**	**10-JL04010**	**10-JL04010**	**10-JL04010**
QA Description		**Duplicate**	**Duplicate % RPD**	**Spike % Recovery**
Matrix	**Soil**	**Soil**	**Soil**	**Soil**
Sample Date	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**	**Jul 9, 2010**
Analysis Type	**Units**		% RPD	% Recovery
Heavy Metals				
Copper	< 5	< 5	< 1	104
Lead	14	14	3.3	83
Manganese	640	650	2.7	-
Mercury	< 0.1	< 0.1	< 1	-
Molybdenum	< 10	< 10	< 1	88
Nickel	8.4	8.0	3.9	83
Selenium	< 2	< 2	< 1	80
Silver	-	< 5	< 1	82
Tin	< 10	< 10	< 1	85
Zinc	22	22	3.3	81

COMMENTS:

Liability & Risk Management Consulting

LRM Global Pty Ltd
65 Stubbs Street
Kensington VIC 3031

Fax: (03) 9371 3499
Email: enquiries@lrmglobal.com.au
Web: www.lrmglobal.com.au
Telephone: (03) 9371 3400
ABN: 34 116 540 277

MGT Environmental Consulting
3 Kingston Town Close
Oakleigh VIC 3166

Client Ref: 270137

Job Number: 2904.000
Batch Number: B1418
Received Date: July 13, 2010
Analysed Date: July 14, 2010
No of Samples: 2

Dear Tammy Lakeland,

This report presents the analytical results of samples forwarded by MGT Environmental Consulting for asbestos analysis.

Methodology:
The samples were examined under a Stereo Microscope and selected fibres were analysed by Polarized Light Microscopy in conjunction with Dispersion Staining Method. (**LRM Global ID Method 1**)

*** No asbestos found at the reporting limit of 0.1g/kg and trace analyses. Refer AS 4964 – 2004. Any Identified asbestos in soil is reported in the sample description.**

Analytical Results:

Sample No.	Sample Description	Result
10 - JL04006	The sample consisted of clayish soil and plant matter Sample Dimensions: 5.0cm X 3.0cm X 2.2cm	No Asbestos Detected* Organic Fibre Detected
10 - JL04008	The sample consisted of clayish soil and plant matter Sample Dimensions: 5.0cm X 3.0cm X 2.2cm	No Asbestos Detected* Organic Fibre Detected

Approved Identifier
Karu Jayasundara

Approved Signatory
Karu Jayasundara

Accreditation No: 15684

This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC 17025. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Environmental Division (Water Resources Group)

Certificate of Analysis

Batch No:	**10-27710**	*Page*	Page 1 of 5
Final Report	170585	*Laboratory*	Scoresby Laboratory
		Address	Caribbean Business Park, 22 Dalmore Drive, Scoresby, VIC 3179
Client:	**Vantage Environmental Management**	*Phone*	03 8756 8000
		Fax	03 9763 1862
Contact:	**Susannah Price**	Contact:	Samantha Smith
			Client Manager
Address:	PO Box 378		Samantha.Smith@alsglobal.com
	ALBURY NSW 2640		
Client Program Ref:	**AL10-093**	Date Sampled:	09-Jul-2010
ALS Program Ref:	**VANTAGE**	Date Samples Received:	12-Jul-2010
PO No:	**Not Available**	*Date Issued:*	**16-Jul-2010**

The sample(s) referred to in this report were analysed by the following method(s):
- NATA accreditation does not cover the performance of this service

Analysis	*Method*	*Laboratory*	*Analysis*	*Method*	*Laboratory*	*Analysis*	*Method*	*Laboratory*
MS Total Metals	VIC-CM050 B,C	Melbourne	**OCP**	VIC-CM048	Melbourne			

NATA No. 992

This document is issued in accordance with NATA's accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

These results have been electronically signed by the authorised signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11

Name	*Title*	*Name*	*Title*
John Levvey	**Principal Trace Metals Chemist**	**Yalin Wei**	**Analyst**

LOR = Limit of reporting. When a reported LOR is higher than the standard LOR, this may be due to high moisture content, insufficient sample or matrix interference.
CAS Number = Chemistry Abstract Services Number. The analytical procedures in this report (including in house methods) are developed from internationally recognised procedures such as those published by USEPA, APHA and NEPM.

					Sample No.	2250724	2250725
					Client Sample ID	DUP A	DUP C
					Sample Date	09/07/10	09/07/10
					Sample Type	SOIL	SOIL
Analysis	**Analyte**	**CAS #**	**LOR**				
OCP	BHC (alpha isomer)	319-84-6	<0.05	mg/kg		<0.05	<0.05
OCP	a-Endosulphan	959-98-8	<0.05	mg/kg		<0.05	<0.05
OCP	Aldrin	309-00-2	<0.05	mg/kg		<0.05	<0.05
OCP	BHC (beta isomer)	319-85-7	<0.05	mg/kg		<0.05	<0.05
OCP	b-Endosulphan	33213-65-9	<0.05	mg/kg		<0.05	<0.05
OCP	cis-Chlordane	5103-71-9	<0.05	mg/kg		<0.05	<0.05
OCP	trans-Chlordane	5103-74-2	<0.05	mg/kg		<0.05	<0.05
OCP	BHC (delta isomer)	319-86-8	<0.05	mg/kg		<0.05	<0.05
OCP	DDD	72-54-8	<0.05	mg/kg		<0.05	<0.05
OCP	DDE	72-55-9	<0.05	mg/kg		<0.05	<0.05
OCP	DDT	50-29-3	<0.05	mg/kg		<0.05	<0.05
OCP	Dieldrin	60-57-1	<0.05	mg/kg		<0.05	<0.05
OCP	Endosulfan Sulfate	1031-07-8	<0.05	mg/kg		<0.05	<0.05
OCP	Endrin	72-20-8	<0.05	mg/kg		<0.05	<0.05
OCP	Endrin Aldehyde	7421-93-4	<0.05	mg/kg		<0.05	<0.05
OCP	Endrin Ketone	53494-70-5	<0.05	mg/kg		<0.05	<0.05
OCP	Hexachlorobenzene	118-74-1	<0.05	mg/kg		<0.05	<0.05
OCP	Heptachlor Epoxide	1024-57-3	<0.05	mg/kg		<0.05	<0.05
OCP	Heptachlor	76-44-8	<0.05	mg/kg		<0.05	<0.05
OCP	BHC (gamma isomer) [Lindane]	58-89-9	<0.05	mg/kg		<0.05	<0.05
OCP	Methoxychlor	72-43-5	<0.05	mg/kg		<0.05	<0.05
Analysis	**Analyte**	**CAS #**	**LOR**				
MS Total Metals	Arsenic	7440-38-2	<5	mg/kg		5	<5
MS Total Metals	Cadmium	7440-43-9	<0.2	mg/kg		<0.2	<0.2
MS Total Metals	Chromium	7440-47-3	<5	mg/kg		24	19
MS Total Metals	Copper	7440-50-8	<5	mg/kg		11	9
MS Total Metals	Lead	7439-92-1	<5	mg/kg		16	16
MS Total Metals	Mercury	7439-97-6	<0.05	mg/kg		<0.05	<0.05
MS Total Metals	Nickel	7440-02-0	<5	mg/kg		9	8
MS Total Metals	Zinc	7440-66-6	<5	mg/kg		32	29

Samples tested as received. A blank space indicates no test performed. Soil results expressed in mg/kg dry weight unless specified otherwise. Microbiological testing was commenced within 24 hours of sampling unless otherwise stated. VIC-MM524: Plate count results <30 per mL and >300 per mL are deemed as approximate. VIC-MM526: Plate count results > 300,000 per mL are deemed as approximate.

QUALITY CONTROL - BLANKS

QC Blanks are an 'analyte free' matrix in which all applicable reagents have been added in the same proportion as in standard samples and are an internal monitor for laboratory contamination.

					Value
Lab Sample ID	**Client Sample ID**	**Analysis**	**Analyte**		
2251998	QC - Blank	MS Total Metals	Arsenic	mg/kg	<5
2251998	QC - Blank	MS Total Metals	Cadmium	mg/kg	<0.2
2251998	QC - Blank	MS Total Metals	Chromium	mg/kg	<5
2251998	QC - Blank	MS Total Metals	Copper	mg/kg	<5
2251998	QC - Blank	MS Total Metals	Lead	mg/kg	<5
2251998	QC - Blank	MS Total Metals	Mercury	mg/kg	<0.05
2251998	QC - Blank	MS Total Metals	Nickel	mg/kg	<5
2251998	QC - Blank	MS Total Metals	Zinc	mg/kg	<5
Lab Sample ID	**Client Sample ID**	**Analysis**	**Analyte**		
2253787	QC - Blank	OCP	BHC (alpha isomer)	mg/kg	<0.05
2253787	QC - Blank	OCP	a-Endosulphan	mg/kg	<0.05
2253787	QC - Blank	OCP	Aldrin	mg/kg	<0.05
2253787	QC - Blank	OCP	BHC (beta isomer)	mg/kg	<0.05
2253787	QC - Blank	OCP	b-Endosulphan	mg/kg	<0.05
2253787	QC - Blank	OCP	cis-Chlordane	mg/kg	<0.05
2253787	QC - Blank	OCP	trans-Chlordane	mg/kg	<0.05
2253787	QC - Blank	OCP	BHC (delta isomer)	mg/kg	<0.05
2253787	QC - Blank	OCP	DDD	mg/kg	<0.05
2253787	QC - Blank	OCP	DDE	mg/kg	<0.05
2253787	QC - Blank	OCP	DDT	mg/kg	<0.05
2253787	QC - Blank	OCP	Dieldrin	mg/kg	<0.05
2253787	QC - Blank	OCP	Endosulfan Sulfate	mg/kg	<0.05
2253787	QC - Blank	OCP	Endrin	mg/kg	<0.05
2253787	QC - Blank	OCP	Endrin Aldehyde	mg/kg	<0.05
2253787	QC - Blank	OCP	Endrin Ketone	mg/kg	<0.05
2253787	QC - Blank	OCP	Hexachlorobenzene	mg/kg	<0.05
2253787	QC - Blank	OCP	Heptachlor Epoxide	mg/kg	<0.05
2253787	QC - Blank	OCP	Heptachlor	mg/kg	<0.05
2253787	QC - Blank	OCP	BHC (gamma isomer) [Lindane]	mg/kg	<0.05
2253787	QC - Blank	OCP	Methoxychlor	mg/kg	<0.05

QUALITY CONTROL - DUPLICATES

QC Data for duplicates is calculated on raw 'unrounded' values. Laboratory duplicates are randomly selected samples tested by the laboratory to maintain method precision and provide information on sample homogeniety.
RPD = Relative Percentage Difference for duplicate determinations. RPD's that fall outside the general acceptance criteria will be attributed to non-homogeneity of samples or results of low magnitudes.

					Sample Value	Duplicate Value	% RPD
Lab Sample ID	**Client Sample ID**	**Analysis**	**Analyte**				
2251999	DUP C	MS Total Metals	Arsenic	mg/kg	<5	<5	0
2251999	DUP C	MS Total Metals	Cadmium	mg/kg	<0.2	<0.2	0
2251999	DUP C	MS Total Metals	Chromium	mg/kg	19	20	2.5
2251999	DUP C	MS Total Metals	Copper	mg/kg	9	10	3.9
2251999	DUP C	MS Total Metals	Lead	mg/kg	16	16	1.3
2251999	DUP C	MS Total Metals	Mercury	mg/kg	<0.05	<0.05	0
2251999	DUP C	MS Total Metals	Nickel	mg/kg	8	9	4.8
2251999	DUP C	MS Total Metals	Zinc	mg/kg	29	31	5.0
Lab Sample ID	**Client Sample ID**	**Analysis**	**Analyte**				
2253785	NCP	OCP	BHC (alpha isomer)	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	a-Endosulphan	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Aldrin	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	BHC (beta isomer)	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	b-Endosulphan	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	cis-Chlordane	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	trans-Chlordane	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	BHC (delta isomer)	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	DDD	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	DDE	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	DDT	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Dieldrin	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Endosulfan Sulfate	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Endrin	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Endrin Aldehyde	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Endrin Ketone	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Hexachlorobenzene	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Heptachlor Epoxide	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Heptachlor	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	BHC (gamma isomer) [Lindane]	mg/kg	<0.05	<0.05	0
2253785	NCP	OCP	Methoxychlor	mg/kg	<0.05	<0.05	0

QUALITY CONTROL - SPIKES

QC Data for spikes is calculated on raw 'unrounded' values. Laboratory spikes are randomly selected samples in which the analytes in question have been artificially introduced and recovered via standard analysis and are used to provide information on potential matrix effects on analyte recoveries.
Spike recoveries that fall outside the general acceptance criteria will be attributed to sample matrix interference or results of high magnitudes.
NCP: Non-Customer Parent (sample quality is representative of the analytical batch but the sample that was QC tested belongs to a customer not pertaining to the report.)

					Sample Value	Expected Value	% Recovery
Lab Sample ID	**Client Sample ID**	**Analysis**	**Analyte**				
2252000	DUP C	MS Total Metals	Arsenic	mg/kg	<5	100	81.0
2252000	DUP C	MS Total Metals	Cadmium	mg/kg	<0.2	100	93.6
2252000	DUP C	MS Total Metals	Chromium	mg/kg	19	120	82.2
2252000	DUP C	MS Total Metals	Copper	mg/kg	9	110	86.2
2252000	DUP C	MS Total Metals	Lead	mg/kg	16	110	82.7
2252000	DUP C	MS Total Metals	Mercury	mg/kg	<0.05	1.0	85.5
Lab Sample ID	**Client Sample ID**	**Analysis**	**Analyte**				
2253786	NCP	OCP	BHC (alpha isomer)	mg/kg	<0.05	2.9	90.0
2253786	NCP	OCP	a-Endosulphan	mg/kg	<0.05	1.4	86.0
2253786	NCP	OCP	Aldrin	mg/kg	<0.05	1.4	100
2253786	NCP	OCP	BHC (beta isomer)	mg/kg	<0.05	2.4	88.2
2253786	NCP	OCP	b-Endosulphan	mg/kg	<0.05	1.4	88.0
2253786	NCP	OCP	cis-Chlordane	mg/kg	<0.05	1.4	94.0
2253786	NCP	OCP	trans-Chlordane	mg/kg	<0.05	1.4	92.0
2253786	NCP	OCP	BHC (delta isomer)	mg/kg	<0.05	2.9	108
2253786	NCP	OCP	DDD	mg/kg	<0.05	1.4	98.0
2253786	NCP	OCP	DDE	mg/kg	<0.05	1.4	92.0
2253786	NCP	OCP	DDT	mg/kg	<0.05	1.4	92.0
2253786	NCP	OCP	Dieldrin	mg/kg	<0.05	1.4	88.0
2253786	NCP	OCP	Endosulfan Sulfate	mg/kg	<0.05	1.4	86.0
2253786	NCP	OCP	Endrin	mg/kg	<0.05	1.4	80.0
2253786	NCP	OCP	Endrin Aldehyde	mg/kg	<0.05	1.4	76.0
2253786	NCP	OCP	Endrin Ketone	mg/kg	<0.05	1.4	96.0
2253786	NCP	OCP	Hexachlorobenzene	mg/kg	<0.05	2.6	102
2253786	NCP	OCP	Heptachlor Epoxide	mg/kg	<0.05	1.4	92.0
2253786	NCP	OCP	Heptachlor	mg/kg	<0.05	1.4	90.0
2253786	NCP	OCP	BHC (gamma isomer) [Lindane]	mg/kg	<0.05	2.9	89.0
2253786	NCP	OCP	Methoxychlor	mg/kg	<0.05	1.4	78.0