

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-46 E23 Soil	41394-47 F11 Soil	41394-48 F12 Soil	41394-49 F13 Soil	41394-50 F14 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-51 F15 Soil	41394-52 F16 Soil	41394-53 F17 Soil	41394-54 F18 Soil	41394-55 F19 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-56 F20 Soil	41394-57 F21 Soil	41394-58 F22 Soil	41394-59 F23 Soil	41394-60 G11 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-61 G12 Soil	41394-62 G13 Soil	41394-63 G14 Soil	41394-64 G15 Soil	41394-65 G16 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-66 G17 Soil	41394-67 G18 Soil	41394-68 G19 Soil	41394-69 G20 Soil	41394-70 G21 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-71 G22 Soil	41394-72 G23 Soil	41394-73 H12 Soil	41394-74 H13 Soil	41394-75 H14 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-76 H15 Soil	41394-77 H16 Soil	41394-78 H17 Soil	41394-79 H18 Soil	41394-80 H19 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-81 H20 Soil	41394-82 H21 Soil	41394-83 H22 Soil	41394-84 H23 Soil	41394-85 I12 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-86 I13 Soil	41394-87 I14 Soil	41394-88 I15 Soil	41394-89 I16 Soil	41394-90 I17 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-91 I18 Soil	41394-92 I19 Soil	41394-93 I20 Soil	41394-94 I21 Soil	41394-95 I22 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-96 I23 Soil	41394-97 J12 Soil	41394-98 J13 Soil	41394-99 J14 Soil	41394-100 J15 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-101 J16 Soil	41394-102 J17 Soil	41394-103 J18 Soil	41394-104 J19 Soil	41394-105 J20 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-106 J21 Soil	41394-108 J22 Soil	41394-109 J23 Soil	41394-110 K12 Soil	41394-111 K13 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-112 K14 Soil	41394-113 K15 Soil	41394-114 K16 Soil	41394-115 K17 Soil	41394-116 K18 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-117 K19 Soil	41394-118 K20 Soil	41394-119 K21 Soil	41394-120 K22 Soil	41394-121 K23 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-122 L13 Soil	41394-123 L14 Soil	41394-124 L15 Soil	41394-125 L16 Soil	41394-126 L17 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-127 L18 Soil	41394-128 L20 Soil	41394-129 L21 Soil	41394-130 L22 Soil	41394-131 L23 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-132 M10 Soil	41394-133 M11 Soil	41394-134 M12 Soil	41394-135 M13 Soil	41394-136 M14 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-137 M15 Soil	41394-138 M16 Soil	41394-139 M17 Soil	41394-140 M18 Soil	41394-141 M19 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-142 M20 Soil	41394-143 M21 Soil	41394-144 M22 Soil	41394-145 M23 Soil	41394-146 M24 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-147 N08 Soil	41394-148 N09 Soil	41394-149 N10 Soil	41394-150 N11 Soil	41394-151 N12 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-152 N13 Soil	41394-153 N14 Soil	41394-154 N15 Soil	41394-155 N16 Soil	41394-156 N17 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-157 N18 Soil	41394-159 N20 Soil	41394-160 N21 Soil	41394-161 N22 Soil	41394-162 N23 Soil
Date analysed	-	26/5/2010	26/5/2010	26/5/2010	26/5/2010	26/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-163 N24 Soil
Date analysed	-	26/5/2010
Sample Description	-	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected

Method ID	Methodology Summary
ASB.1	Asbestos ID - Qualitative identification of asbestos type fibres in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques.

Report Comments:

Asbestos: A portion of the supplied sample was sub-sampled for asbestos according to Envirolab procedures. We cannot guarantee that this sub-sample is indicative of the entire sample.

Envirolab recommends supplying 30-40g of sample in it's own container.

Asbestos was analysed by Approved Identifier: Matt Mansfield

Asbestos was authorised by Approved Signatory: Matt Mansfield

INS: Insufficient sample for this test NT: Not tested PQL: Practical Quantitation Limit <: Less than >: Greater than

RPD: Relative Percent Difference NA: Test not required LCS: Laboratory Control Sample NR: Not requested

Quality Control Definitions

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

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

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

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

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

Laboratory Acceptance Criteria:

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the sample batch were within laboratory acceptance criteria.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for

SVOC and speciated phenols is acceptable. Surrogates: 60-140% is acceptable for general organics and 10-140% for



To: **EnviroLab Services**
12 Ashley St
Chatswood, NSW 2067
Phone: +61 (0)2 9910 6200
Fax: +61 (0)2 9910 6201

Attention: Aileen Hie

Send results to: Douglas Partners
Unit 1, 1 Luso Drive
Unanderra NSW 2526
Attention: Jane Smalley
Jane.Smalley@douglaspartners.com.au
Phone: 02 42711836
Fax: 02 42711897

Project Name: Asbestos Assessment, Tallawarra Power Station
Project Number: 40661.03
Sampler: *RAW* Phone: *42711836*

All soil samples to be tested for Asbestos, as per David Springer Email dated 8 April 2010

Standard Turnaround

Transported to laboratory by: TNT
Relinquished by: *MS* Signed: *J Smalley*
Date and time: *29/5/10 2:30pm*

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and fax back

Signature:

Date: Lab Ref:

Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID
AA5	1	F21	57	K15	113	O12	169	Q07	225
AA6	2	F22	58	K16	114	O13	170	Q08	226
AA7	3	F23	59	K17	115	O14	171	Q09	227
AA8	4	G11	60	K18	116	O15	172	Q10	228
AA9	5	G12	61	K19	117	O16	173	Q11	228
AB5	6	G13	62	K20	118	O17	174	Q12	230
AB6	7	G14	63	K21	119	O18	175	Q18	231
AB7	8	G15	64	K22	120	O19	176	Q19	232
AB8	9	G16	65	K23	121	O20	177	Q20	233
AB9	10	G17	66	L13	122	O21	178	Q21	234
AC5	11	G18	67	L14	123	O22	179	Q22	235
AC6	12	G19	68	L15	124	O23	180	Q23	236
AC7	13	G20	69	L16	125	O24	181	Q24	237
AC8	14	G21	70	L17	126	O25	182	Q25	238
AC9	15	G22	71	L18	127	O26	183	Q26	239
AD7	16	G23	72	L20	128	O27	184	Q27	240
AD8	17	H12	73	L21	129	O28	185	Q28	241
AD9	18	H13	74	L22	130	O29	186	Q29	242
AE8	19	H14	75	L23	131	O30	187	Q30	243
AE9	20	H15	76	M10	132	O31	188	Q31	244
C21	21	H16	77	M11	133	O32	189	Q32	245
C22	22	H17	78	M12	134	O33	190	Q33	246
C23	23	H18	79	M13	135	O34	191	Q34	247
C24	24	H19	80	M14	136	O35	192	Q35	248
C25	25	H20	81	M15	137	P06	193	Q36	249
D15	26	H21	82	M16	138	P07	194	R04	
D16	27	H22	83	M17	139	P08	195	R05	
D17	28	H23	84	M18	140	P09	196	R06	
D18	29	I12	85	M19	141	P10	197	R07	
D19	30	I13	86	M20	142	P11	198	R08	
D20	31	I14	87	M21	143	P12	199	R09	
D21	32	I15	88	M22	144	P13	200	R10	
D22	33	I16	89	M23	145	P14	201	R11	
D23	34	I17	90	M24	146	P15	202	R12	
D24	35	I18	91	N08	147	P16	203	R18	
E12	36	I19	92	N09	148	P17	204	R19	
E13	37	I20	93	N10	149	P18	205	R20	
E14	38	I21	94	N11	150	P19	206	R21	
E15	39	I22	95	N12	151	P20	207	R22	
E16	40	I23	96	N13	152	P21	208	R23	
E17	41	J12	97	N14	153	P22	209	R24	
E18	42	J13	98	N15	154	P23	210	R25	
E20	43	J14	99	N16	155	P24	211	R26	
E21	44	J15	100	N17	156	P25	212	R27	
E22	45	J16	101	N18	157	P26	213	R28	
E23	46	J17	102	N19 ^{miss}	158	P27	214	R29	
F11	47	J18	103	N20	159	P28	215	R30	
F12	48	J19	104	N21	160	P30	216	R31	
F13	49	J20	105	N22	161	P31	217	R32	
F14	50	J21	106	N23	162	P32	218	R33	
F15	51	J21	107	N24	163	P33	219	R34	
F16	52	J22	108	* O07	164	P34	220	R35	
F17	53	J23	109	O08	165	P35	221	R36	
F18	54	K12	110	O09	166	P36	222	S03	
F19	55	K13	111	O10	167	Q05	223	S04	
F20	56	K14	112	O11	168	Q06	224	S05	



EnviroLab Services
 12 Ashley St
 Chatswood NSW 2067
 Ph: 9910 6200

Job No: 41394-A
 Date received: 25/5/10
 Time received: 12 PM
 Received by: JML
 Temp: Cool/Ambient
 Cooling: Ice/Nopeak
 Security: Intact/Broken/None



Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
enquiries@envirolabservices.com.au
www.envirolabservices.com.au

CERTIFICATE OF ANALYSIS 41394-A

Client:

Douglas Partners Unanderra
Unit 1, 1 Luso Drive
Unanderra
NSW 2526

Attention: Jane Smalley

Sample log in details:

Your Reference:	<u>40661.03, Tallawarra Power Station</u>
No. of samples:	249 Soils
Date samples received:	25/05/10
Date completed instructions received:	25/05/10

Analysis Details:

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by:	2/06/10
Date of Preliminary Report:	Not Issued
Issue Date:	1/06/10

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

Accredited for compliance with ISO/IEC 17025.

Tests not covered by NATA are denoted with *.

Results Approved By:

Envirolab Reference: 41394-A
Revision No: R 00



Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-164 O07 Soil	41394-A-165 O08 Soil	41394-A-166 O09 Soil	41394-A-167 O10 Soil	41394-A-168 O11 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-169 O12 Soil	41394-A-170 O13 Soil	41394-A-171 O14 Soil	41394-A-172 O15 Soil	41394-A-173 O16 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-174 O17 Soil	41394-A-175 O18 Soil	41394-A-176 O19 Soil	41394-A-177 O20 Soil	41394-A-178 O21 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-179 O22 Soil	41394-A-180 O23 Soil	41394-A-181 O24 Soil	41394-A-182 O25 Soil	41394-A-183 O26 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-184 O27 Soil	41394-A-185 O28 Soil	41394-A-186 O29 Soil	41394-A-187 O30 Soil	41394-A-188 O31 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-189 O32 Soil	41394-A-190 O33 Soil	41394-A-191 O34 Soil	41394-A-192 O35 Soil	41394-A-193 P06 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-194 P07 Soil	41394-A-195 P08 Soil	41394-A-196 P09 Soil	41394-A-197 P10 Soil	41394-A-198 P11 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-199 P12 Soil	41394-A-200 P13 Soil	41394-A-201 P14 Soil	41394-A-202 P15 Soil	41394-A-203 P16 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-204 P17 Soil	41394-A-205 P18 Soil	41394-A-206 P19 Soil	41394-A-207 P20 Soil	41394-A-208 P21 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-209 P22 Soil	41394-A-210 P23 Soil	41394-A-211 P24 Soil	41394-A-212 P25 Soil	41394-A-213 P26 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-214 P27 Soil	41394-A-215 P28 Soil	41394-A-216 P30 Soil	41394-A-217 P31 Soil	41394-A-218 P32 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-219 P33 Soil	41394-A-220 P34 Soil	41394-A-221 P35 Soil	41394-A-222 P36 Soil	41394-A-223 Q05 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-224 Q06 Soil	41394-A-225 Q07 Soil	41394-A-226 Q08 Soil	41394-A-227 Q09 Soil	41394-A-228 Q10 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-229 Q11 Soil	41394-A-230 Q12 Soil	41394-A-231 Q18 Soil	41394-A-232 Q19 Soil	41394-A-233 Q20 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-234 Q21 Soil	41394-A-235 Q22 Soil	41394-A-236 Q23 Soil	41394-A-237 Q24 Soil	41394-A-238 Q25 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

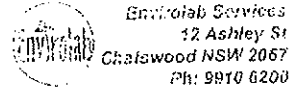
Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-239 Q26 Soil	41394-A-240 Q27 Soil	41394-A-241 Q28 Soil	41394-A-242 Q29 Soil	41394-A-243 Q30 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-244 Q31 Soil	41394-A-245 Q32 Soil	41394-A-246 Q33 Soil	41394-A-247 Q34 Soil	41394-A-248 Q35 Soil
Date analysed	-	28/5/2010	28/5/2010	28/5/2010	28/5/2010	28/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41394-A-249 Q36 Soil
Date analysed	-	28/5/2010
Sample Description	-	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected

Method ID	Methodology Summary
AS4964-2004	Asbestos ID - Qualitative identification of asbestos type fibres in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques.

To: **Envirolab Services**
12 Ashley St
Chatswood, NSW 2067
Phone: +61 (0)2 9910 6200
Fax: +61 (0)2 9910 6201



Attention: **Aileen Hie**

Job No: **41398**
Date received: **25/5/10**
Time received: **4pm**
Received by: **JNL**
Temp: Cool/Ambi
Pooling: 158/Icepack
Security: Intact/Unbroken/No

Send results to: **Douglas Partners**
Unit 1, 1 Luso Drive
Unanderra NSW 2526
Attention: Jane Smalley
Jane.Smalley@douglaspartners.com.au
Phone: 02 42711836
Fax: 02 42711897

Project Name: **Asbestos Assessment, Tallawarra Power Station**
Project Number: **40661.03**
Sampler: _____ Phone: _____

All soil samples to be tested for Asbestos, as per David Springer Email dated 8 April 2010

Standard Turnaround

Transported to laboratory by: TNT
Relinquished by: JAS Signed: B
Date and time: 24/5/10

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and fax back

Signature: _____

Date: _____ Lab Ref: _____

Job No: 41398

Date received: 25/11/10
Time received: 12:20
Received by: JML
Temp: Cool/Ambient
Cooling: Ice/Accept
Security: Intact/Broken/None

Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID
AA5		F21		K15		O12		Q07	
AA6		F22		K16		O13		Q08	
AA7		F23		K17		O14		Q09	
AA8		G11		K18		O15		Q10	
AA9		G12		K19		O16		Q11	
AB5		G13		K20		O17		Q12	
AB6		G14		K21		O18		Q18	
AB7		G15		K22		O19		Q19	
AB8		G16		K23		O20		Q20	
AB9		G17		L13		O21		Q21	
AC5		G18		L14		O22		Q22	
AC6		G19		L15		O23		Q23	
AC7		G20		L16		O24		Q24	
AC8		G21		L17		O25		Q25	
AC9		G22		L18		O26		Q26	
AD7		G23		L20		O27		Q27	
AD8		H12		L21		O28		Q28	
AD9		H13		L22		O29		Q29	
AE8		H14		L23		O30		Q30	
AE9		H15		M10		O31		Q31	
C21		H16		M11		O32		Q32	
C22		H17		M12		O33		Q33	
C23		H18		M13		O34		Q34	
C24		H19		M14		O35		Q35	
C25		H20		M15		P06		Q36	
D15		H21		M16		P07		R04	1
D16		H22		M17		P08		R05	2
D17		H23		M18		P09		R06	3
D18		I12		M19		P10		R07	4
D19		I13		M20		P11		R08	5
D20		I14		M21		P12		R09	6
D21		I15		M22		P13		R10	7
D22		I16		M23		P14		R11	8
D23		I17		M24		P15		R12	9
D24		I18		N08		P16		R18	10
E12		I19		N09		P17		R19	11
E13		I20		N10		P18		R20	12
E14		I21		N11		P19		R21	13
E15		I22		N12		P20		R22	14
E16		I23		N13		P21		R23	15
E17		J12		N14		P22		R24	16
E18		J13		N15		P23		R25	17
E20		J14		N16		P24		R26	18
E21		J15		N17		P25		R27	19
E22		J16		N18		P26		R28	20
E23		J17		N19		P27		R29	21
F11		J18		N20		P28		R30	22
F12		J19		N21		P30		R31	23
F13		J20		N22		P31		R32	24
F14		J21		N23		P32		R33	25
F15		J21		N24		P33		R34	26
F16		J22		O07		P34		R35	27
F17		J23		O08		P35		R36	28
F18		K12		O09		P36		S03	29
F19		K13		O10		Q05		S04	30
F20		K14		O11		Q06		S05	31

Sample ID	Lab ID	Sample ID	Lab ID	Sample ID	Lab ID
S06	32	U05	88	X08	144
S07	33	U06	89	X09	145
S08	34	U07	90	X10	146
S09	35	U08	91	X11	147
S10	36	U09	92	X25	148
S11	37	U10	93	X26	149
S17	38	U19	94	X27	150
S18	39	U20	95	X28	151
S19	40	U21	96	Y03	152
S20	41	U22	97	Y04	153
S21	42	U23	98	Y05	154
S22	43	U24	99	Y06	155
S23	44	U25	100	Y07	156
S24	45	U26	101	Y08	157
S25	46	U27	102	Y09	158
S26	47	U28	103	Y10	159
S27	48	U29	104	Y25	160
S28	49	U30	105	Y26	161
S29	50	U30	106	Y27	162
S30	51	U31	107	Z04	163
S31	52	V04	108	Z05	164
S32	53	V05	109	Z06	165
S33	54	V06	110	Z07	166
S34	55	V07	111	Z08	167
S35	56	V08	112	Z26	168
S36	57	V09	113	V32	169
T02	58	V10	114	L24	170
T03	59	V21	115		
T04	60	V23	116		
T05	61	V24	117		
T06	62	V25	118		
T07	63	V26	119		
T08	64	V27	120		
T09	65	V28	121		
T10	66	V29	122		
T11	67	V30	123		
T17	68	W01	124		
T18	69	W04	125		
T19	70	W05	126		
T20	71	W06	127		
T21	72	W07	128		
T22	73	W08	129		
T23	74	W09	130		
T24	75	W10	131		
T25	76	W24	132		
T26	77	W25	133		
T27	78	W26	134		
T28	79	W27	135		
T29	80	W28	136		
T30	81	W29	137		
T31	82	X02	138		
T32	83	X03	139		
T33	84	X04	140		
T34	85	X05	141		
U03	86	X06	142		
U04	87	X07	143		



EnviroLab Services
 12 Ashley St
 Chatswood NSW 2067
 Ph: 9910 6200

Job No: 41398

Date received: 25/5/10

Time received: 12:30

Received by: JML

Temp: Cool/Amplight

Cooling: Icepack

Security: Intact/Broken/None



Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
enquiries@envirolabservices.com.au
www.envirolabservices.com.au

CERTIFICATE OF ANALYSIS 41398

Client:

Douglas Partners Unanderra
Unit 1, 1 Luso Drive
Unanderra
NSW 2526

Attention: Jane Smalley

Sample log in details:

Your Reference:	<u>40661.03, Tallawarra Power Station</u>
No. of samples:	170 Soils
Date samples received:	25/05/10
Date completed instructions received:	25/05/10

Analysis Details:

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

Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by:	2/06/10
Date of Preliminary Report:	Not Issued
Issue Date:	1/06/10

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Accredited for compliance with ISO/IEC 17025.

Tests not covered by NATA are denoted with *.

Results Approved By:

Matt Mansfield
Approved Signatory

Envirolab Reference: 41398
Revision No: R 00



Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-1 R04 Soil	41398-2 R05 Soil	41398-3 R06 Soil	41398-4 R07 Soil	41398-5 R08 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-6 R09 Soil	41398-7 R10 Soil	41398-8 R11 Soil	41398-9 R12 Soil	41398-10 R18 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-11 R19 Soil	41398-12 R20 Soil	41398-13 R21 Soil	41398-14 R22 Soil	41398-15 R23 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-16 R24 Soil	41398-17 R25 Soil	41398-18 R26 Soil	41398-19 R27 Soil	41398-20 R28 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-21 R29 Soil	41398-22 R30 Soil	41398-23 R31 Soil	41398-24 R32 Soil	41398-25 R33 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-26 R34 Soil	41398-27 R35 Soil	41398-28 R36 Soil	41398-29 S03 Soil	41398-30 S04 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-31 S05 Soil	41398-32 S06 Soil	41398-33 S07 Soil	41398-34 S08 Soil	41398-35 S09 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-36 S10 Soil	41398-37 S11 Soil	41398-38 S17 Soil	41398-39 S18 Soil	41398-40 S19 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-41 S20 Soil	41398-42 S21 Soil	41398-43 S22 Soil	41398-44 S23 Soil	41398-45 S24 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-46 S25 Soil	41398-47 S26 Soil	41398-48 S27 Soil	41398-49 S28 Soil	41398-50 S29 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-51 S30 Soil	41398-52 S31 Soil	41398-53 S32 Soil	41398-54 S33 Soil	41398-55 S34 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-56 S35 Soil	41398-57 S36 Soil	41398-58 T02 Soil	41398-59 T03 Soil	41398-60 T04 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-61 T05 Soil	41398-62 T06 Soil	41398-63 T07 Soil	41398-64 T08 Soil	41398-65 T09 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-66 T10 Soil	41398-67 T11 Soil	41398-68 T17 Soil	41398-69 T18 Soil	41398-70 T19 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-71 T20 Soil	41398-72 T21 Soil	41398-73 T22 Soil	41398-74 T23 Soil	41398-75 T24 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-76 T25 Soil	41398-77 T26 Soil	41398-78 T27 Soil	41398-79 T28 Soil	41398-80 T29 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-81 T30 Soil	41398-82 T31 Soil	41398-83 T32 Soil	41398-84 T33 Soil	41398-85 T34 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-86 U03 Soil	41398-87 U04 Soil	41398-88 U05 Soil	41398-89 U06 Soil	41398-90 U07 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-91 U08 Soil	41398-92 U09 Soil	41398-93 U10 Soil	41398-94 U19 Soil	41398-95 U20 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-96 U21 Soil	41398-97 U22 Soil	41398-98 U23 Soil	41398-99 U24 Soil	41398-100 U25 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-101 U26 Soil	41398-102 U27 Soil	41398-103 U28 Soil	41398-104 U29 Soil	41398-105 U30 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-107 U31 Soil	41398-108 V04 Soil	41398-109 V05 Soil	41398-110 V06 Soil	41398-111 V07 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-112 V08 Soil	41398-113 V09 Soil	41398-114 V10 Soil	41398-115 V21 Soil	41398-116 V23 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-117 V24 Soil	41398-118 V25 Soil	41398-119 V26 Soil	41398-120 V27 Soil	41398-121 V28 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-122 V29 Soil	41398-123 V30 Soil	41398-124 W01 Soil	41398-125 W04 Soil	41398-126 W05 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-127 W06 Soil	41398-128 W07 Soil	41398-129 W08 Soil	41398-130 W09 Soil	41398-131 W10 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-132 W24 Soil	41398-133 W25 Soil	41398-134 W26 Soil	41398-135 W27 Soil	41398-136 W28 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-137 W29 Soil	41398-138 X02 Soil	41398-139 X03 Soil	41398-140 X04 Soil	41398-141 X05 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-142 X06 Soil	41398-143 X07 Soil	41398-144 X08 Soil	41398-145 X09 Soil	41398-146 X10 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-147 X11 Soil	41398-148 X25 Soil	41398-149 X26 Soil	41398-150 X27 Soil	41398-151 X28 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-152 Y03 Soil	41398-153 Y04 Soil	41398-154 Y05 Soil	41398-155 Y06 Soil	41398-156 Y07 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-157 Y08 Soil	41398-158 Y09 Soil	41398-159 Y10 Soil	41398-160 Y25 Soil	41398-161 Y26 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-162 Y27 Soil	41398-163 Z04 Soil	41398-164 Z05 Soil	41398-165 Z06 Soil	41398-166 Z07 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Type of sample	UNITS ----- -----	41398-167 Z08 Soil	41398-168 Z26 Soil	41398-169 V32 Soil	41398-170 L24 Soil
Date analysed	-	31/5/2010	31/5/2010	31/5/2010	31/5/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Method ID	Methodology Summary
ASB.1	Asbestos ID - Qualitative identification of asbestos type fibres in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques.

Report Comments:

Asbestos: A portion of the supplied sample was sub-sampled for asbestos according to Envirolab procedures. We cannot guarantee that this sub-sample is indicative of the entire sample.

Envirolab recommends supplying 30-40g of sample in it's own container.

Asbestos was analysed by Approved Identifier: Matt Mansfield

Asbestos was authorised by Approved Signatory: Matt Mansfield

INS: Insufficient sample for this test NT: Not tested PQL: Practical Quantitation Limit <: Less than >: Greater than

RPD: Relative Percent Difference NA: Test not required LCS: Laboratory Control Sample NR: Not requested

Quality Control Definitions

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

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

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

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

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

Laboratory Acceptance Criteria:

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the sample batch were within laboratory acceptance criteria.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for

SVOC and speciated phenols is acceptable. Surrogates: 60-140% is acceptable for general organics and 10-140% for



Chain of Custody Despatch Sheet

To: **EnviroLab Services**
12 Ashley St
Chatswood, NSW 2067
Phone: +61 (0)2 9910 6200
Fax: +61 (0)2 9910 6201

Attention: Aileen Hie

For large blue esky

Send results to: **Douglas Partners**
Unit 1, 1 Luso Drive
Unanderra NSW 2526
Attention: Jane Smalley
Jane.Smalley@douglaspartners.com.au
Phone: 02 42711836
Fax: 02 42711897

Project Number 40661.03

Project Name: **Asbestos Assessment, Tallawarra Power Station**
 Project Number: **40661.03**

Sampler: **AAW/OBY**

Phone: **0412 754162**

All soil samples to be tested for Asbestos, as per David Springer Email dated 8 April 2010

Standard Turnaround

Transported to laboratory by: Clippers

Relinquished by: AAW Signed: [Signature]

Date and time: 31-5-10 9am

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and fax back

Signature: [Signature]

Date: 31/4/10 Lab Ref: 41604



EnviroLab Services
12 Ashley St
Chatswood NSW 2067
Ph: 9910 6200

Job No: 41604

Date received: 31/4/10

Time received: 2pm

Received by: [Signature]

Temp: Cool/Ambient

Cooling: Ice/Inspack

Security: Intact/Broken/None