



# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd **Report Number:** 2600 1013 - 00  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters **Date Reported:** 26-Oct-10  
**Report To:** Mr. Lynden Cini **Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8159656	06-Apr-09	1439	30.4	20	-
WCHV1	Marquette	8159658	12-Apr-09	1439	12.2	8	-
WCHV1	Marquette	8176759	18-Apr-09	1439	39.8	26	-
WCHV1	Marquette	8176768	24-Apr-09	1439	16.7	11	-
WCHV1	Marquette	8176774	30-Apr-09	1439	37.3	24	-
WCHV2	Patterson	8159652	06-Apr-09	1439	29.4	19	-
WCHV2	Patterson	8159661	12-Apr-09	1439	14.5	10	-
WCHV2	Patterson	8176756	18-Apr-09	1439	36.7	24	-
WCHV2	Patterson	8176767	24-Apr-09	1439	20.4	13	-
WCHV2	Patterson	8176777	30-Apr-09	1439	18.5	12	-
WCHV3	Ryan	8159654	06-Apr-09	1439	21.5	14	-
WCHV3	Ryan	8159659	12-Apr-09	1439	10.0	7	-
WCHV3	Ryan	8176758	18-Apr-09	1439	31.2	20	-
WCHV3	Ryan	8176771	24-Apr-09	1439	21.7	14	-
WCHV3	Ryan	8176776	30-Apr-09	1439	12.9	8	-
WCHV4	Eurunderee	8159655	06-Apr-09	1439	23.8	16	-
WCHV4	Eurunderee	8159657	12-Apr-09	1440	11.0	7	-
WCHV4	Eurunderee	8176760	18-Apr-09	1439	30.1	19	-
WCHV4	Eurunderee	8176769	24-Apr-09	1439	17.2	11	-
WCHV4	Eurunderee	8176773	30-Apr-09	1439	18.5	12	-
WCTSP	Ryan	8159653	06-Apr-09	1440	64.9	-	41
WCTSP	Ryan	8159660	12-Apr-09	1440	21.0	-	13
WCTSP	Ryan	8176757	18-Apr-09	1439	71.5	-	45
WCTSP	Ryan	8176770	24-Apr-09	1439	51.0	-	32
WCTSP	Ryan	8176775	30-Apr-09	1439	35.6	-	22

- Notes:
1. Samples collected by Gerard Gleeson - ALS ACIRL Gunnedah
  3. Determined in accordance with AS3580.9.6
  4. Sampling times and flow rates as per field data
  5. Weather data - ex Bureau of Meteorology - Scone.
  6. Samples analysed as received.

Reported By. 

Gerard Gleeson - Environmental Coordinator



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(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters  
**Report Number:** 2600 1025 - 00  
**Date Reported:** 8th July 2009  
**Report To:** Mr. Lynden Cini  
**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8176955	06-May-09	1439	43.7	28	-
WCHV1	Marquette	8176958	12-May-09	1440	32.7	21	-
WCHV1	Marquette	8208301	18-May-09	1439	43.4	28	-
WCHV1	Marquette	8170259	24-May-09	1440	14.6	9	-
WCHV1	Marquette	8175913	30-May-09	1439	22.2	14	-
WCHV2	Patterson	8176952	06-May-09	1439	19.2	12	-
WCHV2	Patterson	8099141	12-May-09	1439	47.6	30	-
WCHV2	Patterson	8208304	18-May-09	1440	34.2	22	-
WCHV2	Patterson	8170262	24-May-09	1439	15.4	10	-
WCHV2	Patterson	8175916	30-May-09	1440	7.9	5	-
WCHV3	Ryan	8176954	06-May-09	1439	28.0	18	-
WCHV3	Ryan	8176959	12-May-09	1439	19.8	13	-
WCHV3	Ryan	8208303	18-May-09	1439	24.5	16	-
WCHV3	Ryan	8170261	24-May-09	1439	8.9	6	-
WCHV3	Ryan	8175915	30-May-09	1441	7.7	5	-
WCHV4	Eurunderee	8176956	06-May-09	1439	7.2	5	-
WCTSP	Ryan	8176953	06-May-09	1439	37.2	-	23
WCTSP	Ryan	8176960	12-May-09	1439	63.9	-	40
WCTSP	Ryan	8208302	18-May-09	1439	49.3	-	31
WCTSP	Ryan	8170260	24-May-09	1439	24.6	-	15
WCTSP	Ryan	8175914	30-May-09	1439	18.0	-	11

- Notes:
1. Samples collected by Gerard Gleeson - ALS ACIRL Gunnedah
  3. Determined in accordance with AS3580.9.6
  4. Sampling times and flow rates as per field data
  5. Weather data - ex Bureau of Meteorology - Scone.
  6. Samples analysed as received.

Reported By. 

Gerard Gleeson - Environmental Coordinator



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters  
**Report Number:** 2600 1032 - 00  
**Date Reported:** 28th July 2009  
**Report To:** Mr. Lynden Cini  
**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8169761	05-Jun-09	1440	2.6	2	-
WCHV1	Marquette	8184354	11-Jun-09	1439	2.4	2	-
WCHV1	Marquette	8184364	17-Jun-09	1440	18.4	12	-
WCHV1	Marquette	8184372	23-Jun-09	1434	15.6	10	-
WCHV1	Marquette	8180771	29-Jun-09	1440	21.6	14	-
WCHV2	Patterson	8169758	05-Jun-09	1440	3.6	2	-
WCHV2	Patterson	8184351	11-Jun-09	1439	6.6	4	-
WCHV2	Patterson	8184365	17-Jun-09	1440	5.0	3	-
WCHV2	Patterson	8184376	23-Jun-09	1440	11.5	7	-
WCHV2	Patterson	8180777	29-Jun-09	1440	4.1	3	-
WCHV3	Ryan	8169760	05-Jun-09	1440	3.0	2	-
WCHV3	Ryan	8184353	11-Jun-09	1439	2.1	1	-
WCHV3	Ryan	8184367	17-Jun-09	1440	2.5	2	-
WCHV3	Ryan	8184375	23-Jun-09	1439	9.4	6	-
WCHV3	Ryan	8180776	29-Jun-09	1441	4.3	3	-
WCTSP	Ryan	8169759	05-Jun-09	1441	7.0	-	4
WCTSP	Ryan	8184352	11-Jun-09	1439	5.8	-	4
WCTSP	Ryan	8184366	17-Jun-09	1440	9.4	-	6
WCTSP	Ryan	8184374	23-Jun-09	1439	27.7	-	17
WCTSP	Ryan	8180775	29-Jun-09	1440	9.9	-	6

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Scone.
  5. Samples analysed as received.

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters  
**Report Number:** 2600 1045 - 00  
**Date Reported:** 14-Aug-09  
**Report To:** Mr. Lynden Cini  
**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8180790	05-Jul-09	1439	4.8	3	-
WCHV1	Marquette	8180796	11-Jul-09	1439	14.5	9	-
WCHV1	Marquette	8176127	17-Jul-09	1439	5.2	3	-
WCHV1	Marquette	8176139	23-Jul-09	1439	28.3	18	-
WCHV1	Marquette	8176147	29-Jul-09	1439	7.0	4	-
WCHV2	Patterson	8180787	05-Jul-09	1439	4.5	3	-
WCHV2	Patterson	8180797	11-Jul-09	1439	10.2	6	-
WCHV2	Patterson	8176121	17-Jul-09	1439	7.3	5	-
WCHV2	Patterson	8176142	23-Jul-09	1439	25.4	16	-
WCHV2	Patterson	8176150	29-Jul-09	1439	14.0	9	-
WCHV3	Ryan	8180789	05-Jul-09	1441	1.1	1	-
WCHV3	Ryan	8180793	11-Jul-09	1439	5.6	4	-
WCHV3	Ryan	8176129	17-Jul-09	1439	5.0	3	-
WCHV3	Ryan	8176141	23-Jul-09	1439	27.5	18	-
WCHV3	Ryan	8176148	29-Jul-09	1439	3.8	2	-
WCHV4	Eurunderee	8176145	29-Jul-09	1439	10.7	7	-
WCTSP	Ryan	8180788	05-Jul-09	1439	7.4		5
WCTSP	Ryan	8099720	11-Jul-09	1439	23.5		14
WCTSP	Ryan	8176128	17-Jul-09	1440	11.9		7
WCTSP	Ryan	8176140	23-Jul-09	1439	72.8		45
WCTSP	Ryan	8176148	29-Jul-09	1439	23.4		14

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Scone.
  5. Samples analysed as received.

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters  
**Report Number:** 2600 1057 - 00  
**Date Reported:** 18-Sep-09  
**Report To:** Mr. Lynden Cini  
**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8184576	04-Aug-09	1442	18.4	12	-
WCHV1	Marquette	8253531	10-Aug-09	1439	25.3	16	-
WCHV1	Marquette	7559607	16-Aug-09	1440	31.9	20	-
WCHV1	Marquette	8181403	22-Aug-09	1440	9.1	6	-
WCHV1	Marquette	52899	28-Aug-09	1440	30.5	21	-
WCHV2	Patterson	8184580	04-Aug-09	1440	15.1	10	-
WCHV2	Patterson	8253548	10-Aug-09	1440	46.5	30	-
WCHV2	Patterson	7559610	16-Aug-09	1439	37.4	24	-
WCHV2	Patterson	7559666	22-Aug-09	1441	35.1	23	-
WCHV2	Patterson	52898	28-Aug-09	1440	32.7	22	-
WCHV3	Ryan	8184578	04-Aug-09	1439	11.8	7	-
WCHV3	Ryan	8253550	10-Aug-09	1440	19.7	13	-
WCHV3	Ryan	7559609	16-Aug-09	1440	29.9	19	-
WCHV3	Ryan	7559667	22-Aug-09	1439	33.3	22	-
WCHV3	Ryan	52897	28-Aug-09	1440	33.0	22	-
WCHV4	Eurunderee	8184575	04-Aug-09	1439	17.8	11	-
WCHV4	Eurunderee	8184579	10-Aug-09	1440	25.9	16	-
WCHV4	Eurunderee	7559606	16-Aug-09	1440	36.4	23	-
WCHV4	Eurunderee	8181402	22-Aug-09	1441	7.6	5	-
WCHV4	Eurunderee	52900	28-Aug-09	1440	30.5	21	-
WCTSP	Ryan	8184577	04-Aug-09	1440	26.0	-	16
WCTSP	Ryan	8253549	10-Aug-09	1440	39.6	-	25
WCTSP	Ryan	7559608	16-Aug-09	1440	51.2	-	32
WCTSP	Ryan	8181401	22-Aug-09	1439	64.1	-	41
WCTSP	Ryan	52896	28-Aug-09	1440	69.8	-	46

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Scone.
  5. Samples analysed as received.

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters

**Report Number:** 26001068-01


**Date Reported:**

**Report To:** Mr. Lynden Cini

**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	52317	03-Sep-09	1440	32.3	21	-
WCHV1	Marquette	8244766	09-Sep-09	1439	3.1	2	-
WCHV1	Marquette	8244779	15-Sep-09	1441	40.5	27	-
WCHV1	Marquette	8244780	21-Sep-09	1439	19.5	13	-
WCHV1	Marquette	8171449	27-Sep-09	1440	47.6	31	-
WCHV2	Patterson	52888	03-Sep-09	1440	34.0	22	-
WCHV2	Patterson	8244770	09-Sep-09	1440	2.0	1	-
WCHV2	Patterson	8244775	15-Sep-09	1441	42.8	28	-
WCHV2	Patterson	8171439	21-Sep-09	1439	22.1	14	-
WCHV2	Patterson	8253741	27-Sep-09	1440	54.6	35	-
WCHV3	Ryan	52314	03-Sep-09	1440	29.1	19	-
WCHV3	Ryan	8244768	09-Sep-09	1440	<0.1	<1	-
WCHV3	Ryan	8244776	15-Sep-09	1440	41.4	27	-
WCHV3	Ryan	8171437	21-Sep-09	1439	13.7	9	-
WCHV3	Ryan	8171447	27-Sep-09	1440	39.5	26	-
WCHV4	Eurunderee	52316	03-Sep-09	1440	31.2	20	-
WCHV4	Eurunderee	8244767	09-Sep-09	1439	<0.1	<1	-
WCHV4	Eurunderee	8244778	15-Sep-09	1440	123.4	81	-
WCHV4	Eurunderee	8171436	21-Sep-09	1439	11.8	8	-
WCHV4	Eurunderee	8171450	27-Sep-09	1440	45.6	29	-
WCTSP	Ryan	52315	03-Sep-09	1440	44.0	-	27
WCTSP	Ryan	8244769	09-Sep-09	1439	10.1	-	6
WCTSP	Ryan	8244777	15-Sep-09	1442	81.3	-	52
WCTSP	Ryan	8171438	21-Sep-09	1439	118.6	-	78
WCTSP	Ryan	8171448	27-Sep-09	1441	117.0	-	74

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Scone.
  5. Samples analysed as received.

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters

**Report Number:** 26001101 - 00  
**Date Reported:** 6th November 2009

**Report To:** Mr. Lynden Cini

**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8252407	03-Oct-09	1440	51.8	33	-
WCHV1	Marquette	8252419	09-Oct-09	1440	28.5	18	-
WCHV1	Marquette	8184760	15-Oct-09	1439	16.4	11	-
WCHV1	Marquette	8236375	21-Oct-09	1439	42.4	28	-
WCHV1	Marquette	8245133	27-Oct-09	1439	8.3	5	-
WCHV2	Patterson	8252406	03-Oct-09	1440	57.0	37	-
WCHV2	Patterson	8252418	09-Oct-09	1439	4.3	3	-
WCHV2	Patterson	8184759	15-Oct-09	1439	9.9	7	-
WCHV2	Patterson	8236371	21-Oct-09	1439	44.0	29	-
WCHV2	Patterson	8245134	27-Oct-09	1439	5.2	3	-
WCHV3	Ryan	8252409	03-Oct-09	1440	47.7	31	-
WCHV3	Ryan	78062	09-Oct-09	1439	10.4	5	-
WCHV3	Ryan	8184762	15-Oct-09	1439	25.1	17	-
WCHV3	Ryan	8236372	21-Oct-09	1440	83.7	55	-
WCHV3	Ryan	8245135	27-Oct-09	1439	1.2	1	-
WCHV4	Eurunderee	8252408	03-Oct-09	1439	44.5	29	-
WCHV4	Eurunderee	8252420	09-Oct-09	1439	1.8	1	-
WCHV4	Eurunderee	8184763	15-Oct-09	1439	0.4	<1	-
WCHV4	Eurunderee	8236374	21-Oct-09	1439	9.8	5	-
WCHV4	Eurunderee	8245137	27-Oct-09	1799	0.2	<1	-
WCTSP	Ryan	8252410	03-Oct-09	1440	112.3	-	71
WCTSP	Ryan	78064	09-Oct-09	1439	53.1	-	33
WCTSP	Ryan	8184761	15-Oct-09	1440	122.8	-	79
WCTSP	Ryan	8236373	21-Oct-09	1439	209.9	-	134
WCTSP	Ryan	8245136	27-Oct-09	1439	9.1	-	6

Notes:

1. Samples collected by - ALS ACIRL Gunnedah
2. Determined in accordance with AS3580.9.6
3. **Inconsistent flow observed at WCHV4. Unit is to be serviced and repaired**
4. Sampling times and flow rates as per field data
5. Weather data - ex Bureau of Meteorology - Gunnedah
6. Samples analysed as received.

Reported By: 

**Gerard Gleeson - Laboratory Operations Manager**  
**ALS ACIRL Gunnedah**



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd **Report Number:** 26001131-01  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters **Date Reported:**  
**Report To:** Mr. Lynden Cini **Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Marquette	8245148	02-Nov-09	1439	41.5	28	-
WCHV1	Marquette	8236330	08-Nov-09	1439	8.4	6	-
WCHV1	Marquette	8236338	14-Nov-09	1441	32.8	22	-
WCHV1	Marquette	8236346	20-Nov-09	1284	77.0	59	-
WCHV1	Cintra	8264601	26-Nov-09	1440	56.5	38	-
WCHV2	Patterson	8245144	02-Nov-09	1439	18.3	12	-
WCHV2	Patterson	8236329	08-Nov-09	1440	11.9	8	-
WCHV2	Patterson	8236334	14-Nov-09	1439	27.2	18	-
WCHV2	Patterson	8236347	20-Nov-09	1439	48.7	33	-
WCHV2	Patterson	52266	26-Nov-09	1439	47.7	32	-
WCHV3	Ryan	8245145	02-Nov-09	1439	26.1	17	-
WCHV3	Ryan	8236333	08-Nov-09	1439	8.4	6	-
WCHV3	Ryan	8236336	14-Nov-09	1440	15.1	10	-
WCHV3	Ryan	8236349	20-Nov-09	1439	46.6	32	-
WCHV3	Ryan	52268	26-Nov-09	1440	40.8	28	-
WCHV4	Eurunderee	8245147	02-Nov-09	1079	4.3	3	-
WCHV4	Eurunderee	8236331	08-Nov-09	1440	3.2	2	-
WCHV4	Eurunderee	8236337	14-Nov-09	2198	11.6	4	-
WCHV4	Eurunderee	-	20-Nov-09	-	-	-	-
WCHV4	Eurunderee	-	26-Nov-09	-	-	-	-
WCTSP	Ryan	8245146	02-Nov-09	1439	61.7	-	40
WCTSP	Ryan	8236332	08-Nov-09	1439	18.6	-	12
WCTSP	Ryan	8236335	14-Nov-09	1439	36.9	-	24
WCTSP	Ryan	8236348	20-Nov-09	1439	78.8	-	52
WCTSP	Ryan	52267	26-Nov-09	1440	67.0	-	44

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Scone.
  5. Samples analysed as received.
  6. Eurunderee sampler currently under repair
  7. Marquette Sampler relocated to "Cintra".

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

<b>Sample Origin:</b>	Werris Creek Coal Pty Ltd	<b>Report Number:</b>	26001204 - 174
<b>Project ID:</b>	Werris Creek TSP and PM10	<b>Date Reported:</b>	17th January 2010
<b>Sample Description:</b>	High Volume Air Sampler Filters	<b>Copy To:</b>	File
<b>Report To:</b>	Mr. Danny Young		

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Cintra	8264612	02-Dec-09	1439	26.5	17	-
WCHV1	Cintra	8264622	08-Dec-09	1439	102.0	70	-
WCHV1	Cintra	8264636	14-Dec-09	1440	77.2	51	-
WCHV1	Cintra	8292104	20-Dec-09	1439	32.1	21	-
WCHV1	Cintra	8264650	26-Dec-09	1441	22.3	15	-
WCHV2	Patterson	8264611	02-Dec-09	1440	11.6	7	-
WCHV2	Patterson	8264621	08-Dec-09	1440	66.2	46	-
WCHV2	Patterson	8264635	14-Dec-09	1440	63.8	43	-
WCHV2	Patterson	8292105	20-Dec-09	1439	28.8	19	-
WCHV2	Patterson	8264649	26-Dec-09	1441	21.6	14	-
WCHV3	Ryan	8264613	02-Dec-09	1440	10.2	7	-
WCHV3	Ryan	8264623	08-Dec-09	1439	84.6	58	-
WCHV3	Ryan	8264637	14-Dec-09	1440	59.5	40	-
WCHV3	Ryan	8292102	20-Dec-09	1439	29.4	19	-
WCHV3	Ryan	8264648	26-Dec-09	1441	21.0	14	-
WCTSP	Ryan	8264614	02-Dec-09	1440	37.5	-	24
WCTSP	Ryan	8264624	08-Dec-09	1439	200.2	-	134
WCTSP	Ryan	8264638	14-Dec-09	1440	106.8	-	71
WCTSP	Ryan	8292103	20-Dec-09	1439	56.2	-	37
WCTSP	Ryan	8264647	26-Dec-09	1441	135.1	-	89

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Gunnedah.
  5. Samples analysed as received.
  6. Harvest activities in progress during December.

Reported By: 

**Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah**



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters  
**Report Number:** 26001222 - 216  
**Date Reported:** 16th February 2010  
**Report To:** Mr. Danny Young  
**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Cintra	8292910	01-Jan-10	1439	15.7	10	-
WCHV1	Cintra	8292922	07-Jan-10	1441	23.0	15	-
WCHV1	Cintra	8291402	13-Jan-10	1441	39.7	27	-
WCHV1	Cintra	8291422	19-Jan-10	1440	29.9	20	-
WCHV1	Cintra	8263735	25-Jan-10	1440	48.7	33	-
WCHV2	Cintra	8263743	31-Jan-10	1440	26.7	18	-
WCHV2	Patterson	8292909	01-Jan-10	1439	17.5	12	-
WCHV2	Patterson	8292921	07-Jan-10	1443	22.5	15	-
WCHV2	Patterson	8291401	13-Jan-10	1440	34.7	24	-
WCHV2	Patterson	8291419	19-Jan-10	1440	27.8	18	-
WCHV2	Patterson	8263732	25-Jan-10	1439	45.2	31	-
WCHV3	Patterson	8263747	31-Jan-10	1440	24.3	16	-
WCHV3	Ryan	8292912	01-Jan-10	1440	15.7	10	-
WCHV3	Ryan	8292924	07-Jan-10	1439	21.4	14	-
WCHV3	Ryan	8291404	13-Jan-10	1439	34.9	24	-
WCHV3	Ryan	8291421	19-Jan-10	1440	39.5	26	-
WCHV3	Ryan	8263733	25-Jan-10	1439	42.3	29	-
WCHV4	Ryan	8263746	31-Jan-10	1439	20.6	14	-
WCHV4	Eurunderee	8263744	31-Jan-10	1439	24.7	16	-
WCTSP	Ryan	8292911	01-Jan-10	1439	16.9	-	11
WCTSP	Ryan	8292923	07-Jan-10	1441	36.0	-	23
WCTSP	Ryan	8291403	13-Jan-10	1440	66.1	-	44
WCTSP	Ryan	8291420	19-Jan-10	1440	112.0	-	72
WCTSP	Ryan	8263734	25-Jan-10	1439	70.9	-	47
WCTSP	Ryan	8263745	31-Jan-10	1441	35.1	-	23

- Notes:
1. Samples collected by ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Gunnedah.
  5. Samples analysed as received.

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

<b>Sample Origin:</b>	Werris Creek Coal Pty Ltd	<b>Report Number:</b>	26001234 - 381
<b>Project ID:</b>	Werris Creek TSP and PM10	<b>Date Reported:</b>	9th March 2010
<b>Sample Description:</b>	High Volume Air Sampler Filters	<b>Copy To:</b>	File
<b>Report To:</b>	Mr. Danny Young		

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Cintra	8293010	06-Feb-10	1439	11.6	8	-
WCHV1	Cintra	8293003	12-Feb-10	1440	37.8	26	-
WCHV1	Cintra	8290951	18-Feb-10	1439	20.6	14	-
WCHV1	Cintra	8271491	24-Feb-10	1442	28.7	19	-
WCHV2	Patterson	8293009	06-Feb-10	1442	15.8	11	-
WCHV2	Patterson	8293002	12-Feb-10	1439	34.1	23	-
WCHV2	Patterson	8290955	18-Feb-10	1442	19.5	13	-
WCHV2	Patterson	8290957	24-Feb-10	1440	24.1	16	-
WCHV3	Ryan	8290963	06-Feb-10	1440	16.3	11	-
WCHV3	Ryan	8293004	12-Feb-10	1440	31.8	21	-
WCHV3	Ryan	8290952	18-Feb-10	1440	14.5	10	-
WCHV3	Ryan	8271493	24-Feb-10	1440	17.5	12	-
WCHV4	Eurunderee	8290961	06-Feb-10	1442	37.5	22	-
WCHV4	Eurunderee	8293006	12-Feb-10	1441	38.2	23	-
WCHV4	Eurunderee	8290954	18-Feb-10	1445	124.2	73	-
WCHV4	Eurunderee	8271492	24-Feb-10	1442	27.9	17	-
WCTSP	Ryan	8290962	06-Feb-10	1448	24.4	-	16
WCTSP	Ryan	8293005	12-Feb-10	1441	68.5	-	45
WCTSP	Ryan	8290953	18-Feb-10	1439	32.1	-	21
WCTSP	Ryan	8290958	24-Feb-10	1441	43.3	-	28

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Gunnedah.
  5. Samples analysed as received.

Reported By: 

**Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah**



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# ALS ACIRL Pty Ltd




(ABN 66 003 451 876)  
Units 1-4, Lot 6 Industrial Cl, Muswellbrook 2333  
Ph: (02) 6542 2400 Fax (02) 6543 3234

**Sample Origin:** Werris Creek Coal Pty Ltd  
**Project ID:** Werris Creek TSP and PM10  
**Sample Description:** High Volume Air Sampler Filters  
**Report Number:** 26001247 - 448  
**Date Reported:** 9th April 2010  
**Report To:** Mr. Danny Young  
**Copy To:** File

Sampler ID	Location	Filter Number	Run Date	Run Time (Minutes)	Deposit (mg)	PM10 (µg/m <sup>3</sup> )	TSP (µg/m <sup>3</sup> )
WCHV1	Cintra	8213075	02-Mar-10	1440	24.0	16	-
WCHV1	Cintra	8213083	08-Mar-10	1439	35.6	24	-
WCHV1	Cintra	8213361	14-Mar-10	1441	11.7	8	-
WCHV1	Cintra	8213374	20-Mar-10	1441	39.8	26	-
WCHV1	Cintra	8213388	26-Mar-10	1439	44.3	29	-
WCHV2	Patterson	8213074	02-Mar-10	1440	18.7	12	-
WCHV2	Patterson	8213082	08-Mar-10	1439	19.0	13	-
WCHV2	Patterson	8213365	14-Mar-10	1441	8.1	5	-
WCHV2	Patterson	8213373	20-Mar-10	1442	38.8	26	-
WCHV2	Patterson	8213382	26-Mar-10	1441	37.0	25	-
WCHV3	Ryan	8213077	02-Mar-10	1440	12.2	8	-
WCHV3	Ryan	8213084	08-Mar-10	1439	18.1	12	-
WCHV3	Ryan	8213362	14-Mar-10	1440	8.1	5	-
WCHV3	Ryan	8213376	20-Mar-10	1441	42.9	28	-
WCHV3	Ryan	8213389	26-Mar-10	1439	75.6	50	-
WCHV4	Eurunderee	8213078	02-Mar-10	1441	23.2	15	-
WCHV4	Eurunderee	8213086	08-Mar-10	1439	28.7	19	-
WCHV4	Eurunderee	8213364	14-Mar-10	1445	12.7	8	-
WCHV4	Eurunderee	8213377	20-Mar-10	1441	39.8	25	-
WCHV4	Eurunderee	8213391	26-Mar-10	1439	42.3	27	-
WCTSP	Ryan	8213076	02-Mar-10	1440	25.0	-	16
WCTSP	Ryan	8213085	08-Mar-10	1439	58.5	-	38
WCTSP	Ryan	8213363	14-Mar-10	1442	18.3	-	12
WCTSP	Ryan	8213375	20-Mar-10	1440	91.2	-	59
WCTSP	Ryan	8213390	26-Mar-10	1439	202.4	-	131

- Notes:
1. Samples collected by - ALS ACIRL Gunnedah
  2. Determined in accordance with AS3580.9.6
  3. Sampling times and flow rates as per field data
  4. Weather data - ex Bureau of Meteorology - Gunnedah.
  5. Samples analysed as received.

Reported By: 

Gerard Gleeson - Laboratory Operations Manager  
ALS ACIRL Gunnedah



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