

**MT ARTHUR NORTH & BAYSWATER NO. 3**  
**JOINT COMMUNITY CONSULTATIVE COMMITTEE**



**Minutes of Meeting (7)**

**Location:** Mt Arthur Coal Boardroom  
**Date:** Wednesday 27<sup>th</sup> January 2010  
**Present:** Christine Phelps (CP) Chairperson, Jennifer Lecky (JL) Deputy Chairperson, Morgana Gidley-Baird (MGB) Mt Arthur Coal, Scott Mitchell (SM) Mt Arthur Coal, Julie McNaughton (JM) Mt Arthur Coal, Michael White (MW) Mt Arthur Coal, Graham Guest (GG) Resident, and Raymond Webb (RW) Resident.

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**Meeting Commenced: 4.10pm**

**1. WELCOME AND APOLOGIES**

Christine Phelps welcomed everyone to the Mt Arthur Coal Community Consultative Committee January 2010 meeting.

Apologies

Apologies received from Sarah Withell (SW) Mt Arthur Coal, Andrew Kelly (AK) Mt Arthur Coal, Craig Flemming (CF) Muswellbrook Shire Council, John Bancroft (JB) Resident, Bruce McPherson (BM) Resident, and Eddy Constable (EC) Resident.

**2. DECLARATION OF PECUNIARY INTEREST**

No pecuniary interests were declared.

**3. CONFIRMATION OF PREVIOUS MEETING MINUTES**

Moved by JL.

Seconded by RW.

**4. ACTION POINTS FROM PREVIOUS MEETING**

**Amend and redistribute September Meeting Minutes**

- Action completed. These minutes were redistributed with the November meeting minutes.

**5. HOUSEKEEPING AND SAFETY**

MGB provided information on general housekeeping and safety at Mt Arthur Coal, this included:-

- Entry/Exit
- Voice activated alarm
- Muster area
- Amenities
- Tea/coffee
- Emergency Procedure

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**6. OVERVIEW OF OPERATIONS TO DATE**

MW (General Manager Operations) presented an overview of the current operations at Mt Arthur Coal.

- MW advised that Eduard Haegel will be moving on from his role as the Chief Operating Officer at Hunter Valley Energy Coal. MW advised that Eddy will be remaining within the company but relocating to another position that is yet to be publicly announced;
- MW advised that Scott Sullivan will be taking over the role as President, Hunter Valley Energy Coal as of the 12<sup>th</sup> February 2010, after an extensive induction process into BHP Billiton. Scott Sullivan joins us from Wambo Coal operations;
- MW advised that Mt Arthur Coal is currently in the process of purchasing and commissioning new trucks to join our existing fleet at Mt Arthur Coal;
- MW advised that Mt Arthur Coal will commence railing of coal stocks to the NCIG in June this year. This is in line with the opening of the new Port;
- MW advised that the MAC 20 upgrades are currently on schedule, this includes upgrades to the CHPP;
- MW advised that Mt Arthur Coal is currently up to 123 days total recordable injury free days, this is an excellent achievement;
- MW advised that continued focus is being given to Air Quality here at Mt Arthur Coal. Continued research and trialling into a number of dust suppressant products continues, in addition to procurement of new water carts to add to the existing fleet.

**7. MONITORING SYSTEMS**

MGB presented an overview of the Mt Arthur Coal monitoring results since the last meeting. Monitoring results were delivered to the CCC members prior to the meeting and were referred to during the course of the presentation.

**Blasting**

- All blast monitoring results were below Development Consent criteria for November to December 2009 monitoring period;
- There were no road closures in the November – December period;
- 20 Blasts in November – December 2009;
- 13 blasts were delayed due to adverse weather conditions

**HVAS PM10**

- One elevated result (DF06) recorded on the 2/11/09;
- Three elevated results (DF04, DF06 & DF07) recorded on 20/11/09;
- One elevated result (DF04) recorded on the 26/11/09;
- Six elevated results (DF02, DF04, DF05, DF06, DF07 & DF08) recorded on the 8/12/09;
- One elevated result (DF04) recorded on the 14/12/09;

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- All elevated results were investigated and Mt Arthur Coals contribution was deemed to be below Development Consent criteria for the November – December 2009 period;
- All HVAS monitoring locations currently have annual averages below relevant Development Consent criteria.

#### Depositional Dust

- All depositional dust gauge results recorded in the November – December 2009 monitoring period that were above Development Consent conditions were investigated;
- All current rolling annual averages are below relevant development consent criteria, with the exception on DD2, DD3 and DD16;
- DD2 and DD3 have not been significantly impacted by Mt Arthur Coals operation; predominant wind direction for each month that has recorded elevated results at this gauge is upwind of Mt Arthur Coals operations, other activities have impacted these elevated results;
- DD16 is on Mt Arthur Coal owned land and only used for management purposes;
- Contaminated results for the period were at:
  - DD1 December (excessive bird droppings and insects)
  - DD3 November and December (bird droppings, vegetation and excessive insects)
  - DD6 November and December (excessive bird droppings and excessive insects)
  - DD10 December (bird droppings)
  - DD18 November (vegetations and insects)
- Determination of contamination is by a NATA (National Association of Testing Authorities) accredited Laboratory. NATA is Australia's national laboratory accreditation authority.

#### Surface Water

- No significant variation in pH, EC or TSS at any water course sampling sites in the November to December 2009 monitoring period with the exception of TSS as SW1, SW4 and SW12.
- At the time of the sampling the independent monitoring contractor indicated that the water level at the above mentioned sampling locations has declined over the past few months. This corresponds with the increase in EC.
- Also, it was noted that there was organic matter present in the sample for SW12 in December. This would impact the TSS result at this site.

## 8. OVERVIEW OF COMMUNITY SUPPORT

- Major Sponsorship Events & Participation:
  - Mt Arthur Coal Muswellbrook Gold Cup – 3<sup>rd</sup> Nov
  - Hunter Life Education Laps for Life – 6<sup>th</sup> Nov
  - Muswellbrook Shire Council Solar Boat Challenge – 24<sup>th</sup> Nov
  - Muswellbrook High School Presentation Night
  - St Catherine's College Singleton Presentation Night
  - Denman Public School Presentation Night

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- Matched Giving - BHPB Sponsorship

**Complaints**

- Two dust complaints received in November. Both complaints from same complainant in the Roxburgh Road area.
- Two dust complaints received in December, one from blasting activity.
- Three blasting vibration complaints received in December. These were received for separate blast activities and from separate complainants.
- One lighting complaint received in December from the Roxburgh Road area.

**9. MAC Consolidation Project**

- Mt Arthur Coal Consolidation Environmental Assessment finished Public Exhibition until 28<sup>th</sup> December 2009.
  - To date, we have received 17 submissions
    - 10 near neighbours;
    - 1 Sydney objector;
    - 4 Government Departments (including Muswellbrook Shire Council)
    - CFMEU and Energy Australia (in support)

**10. GENERAL BUSINESS**

MGB provided an overview of other general environmental work undertaken by Mt Arthur Coal.

- Community Relations Coordinator commences in February;
- Envirosys Implementation Continues;
- Blast and Vibration Plan Approved by Department of Planning;
- Perimeter slashing continuing Denman Road and Edderton Road completed;
- Annual Feedback forms to be completed; community input is valuable to us.

**11. NEXT MEETING DATE**

Fourth Wednesday of month, 24<sup>th</sup> March 2010. Proposed Mine Tour.

Topics for discussion at the next meeting:-

- Community Engagement Plan
- Mine Tour

**Meeting Closed: 5:10pm**

<b>ACTION ITEM NO.</b>	<b>ITEM</b>	<b>ACTIONED BY</b>
1	Nil Actions	nil

**MT ARTHUR MINE COMPLEX**  
**COMMUNITY CONSULTATIVE COMMITTEE MEETING**

**Wednesday 27th January, 2010**

# **AGENDA**

<u>Time</u>	<u>Item</u>	<u>Person</u>
4:00	1 Welcome and Apologies	Chairperson
4:01	2 Declaration of Precuniary Interest	Chairperson
4:02	3 Confirmation of Previous Meeting Minutes	Chairperson
4:03	4 Action Points Since Last Meeting	MAC
4:05	5 House Keeping & Safety	MAC
4:10	6 Overview of Operations to Date	MAC
4:20	7 Overview of Monitoring Systems	MAC
4:30	8 Overview of Community Support	MAC
4:40	9 EA Update	MAC
4:50	10 General Business	MAC
5:00	11 Next Meeting Date	Chairperson
5:10	12 Meeting Close	Chairperson

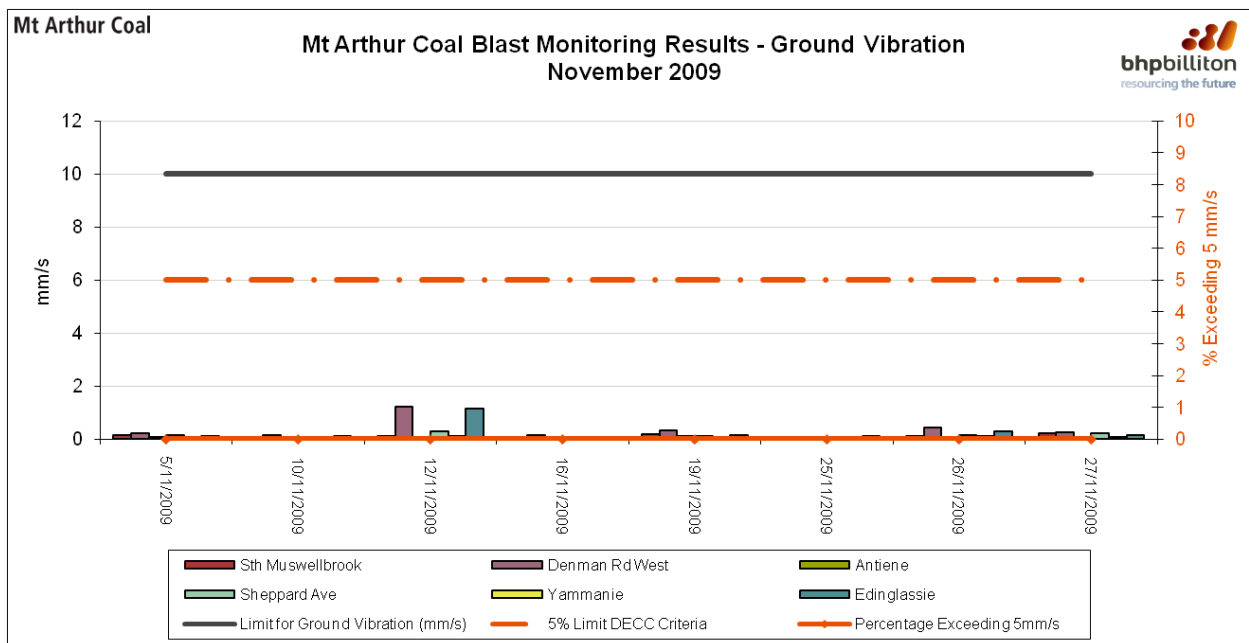
# Environmental Monitoring Data (November – December 2009)

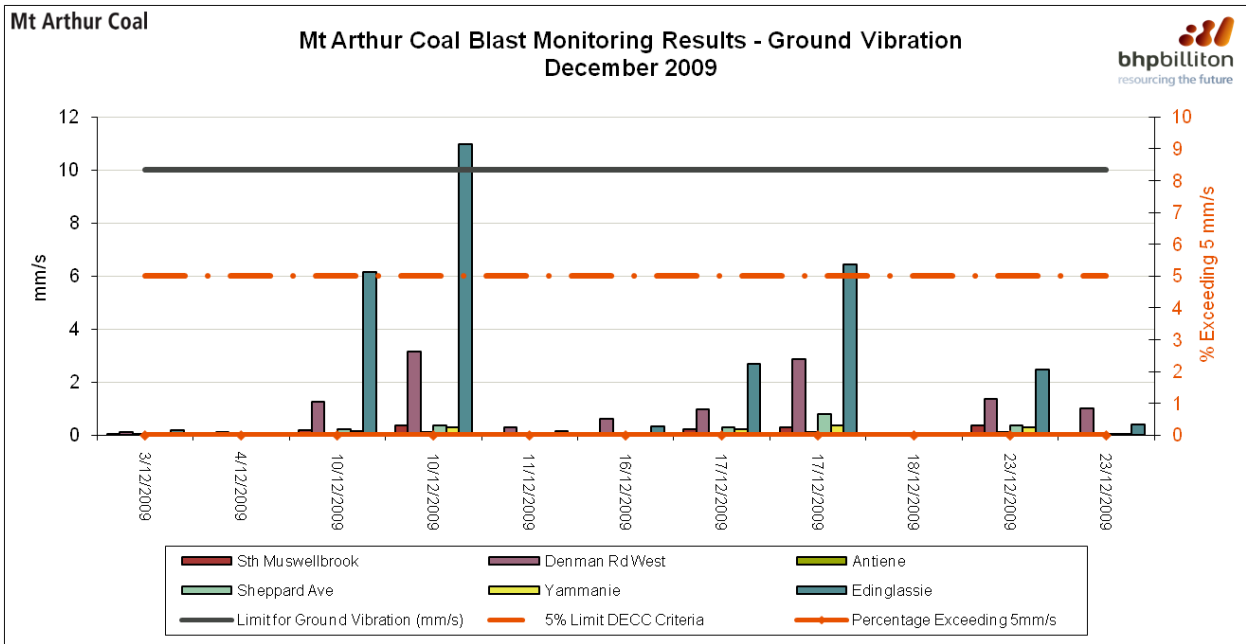
This monitoring data is provided for your perusal prior to the meeting. We will discuss any exceedances or elevated results since the last meeting or by exception only.

## 1. Blasting Data (November – December 2009)

Ground Vibration Limit	>10 mm/sec
Ground Vibration 5% Limit	>5 mm/sec
Overpressure Limit	>120 dBL
Overpressure 5% Limit	>115dBL

### MAN Data – Ground Vibration

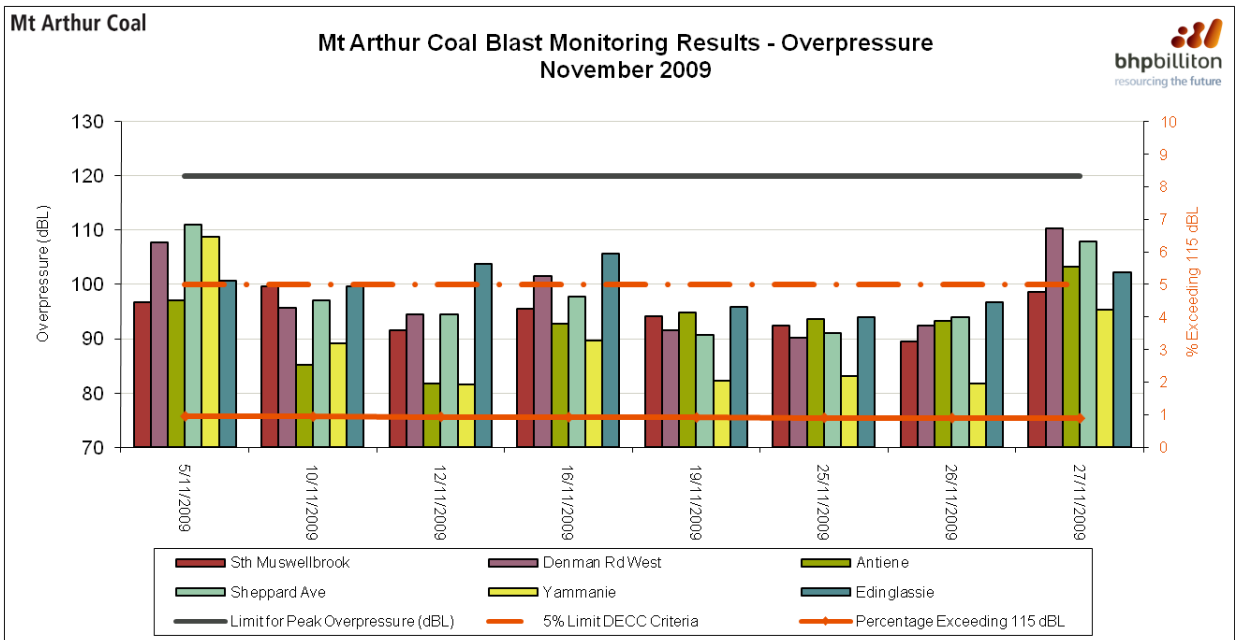


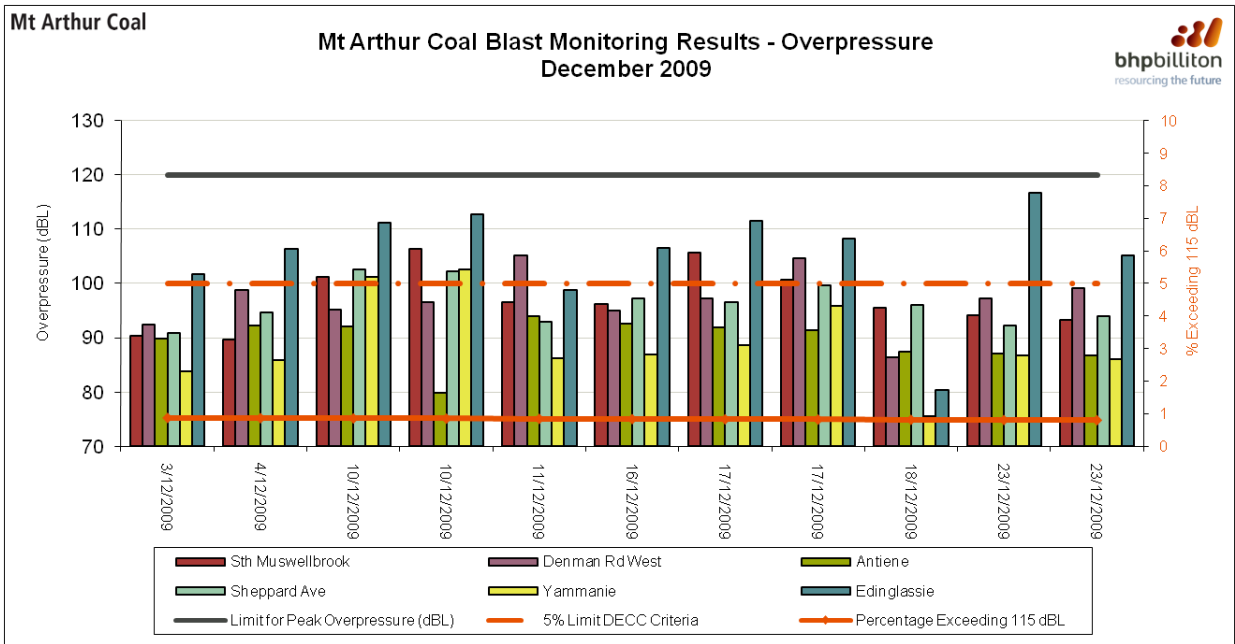


10/12/2009 (2<sup>nd</sup> Blast) – Edinglassie result elevated 10.99 m/s. Blast in Windmill North area of Pit. Very close vicinity to the Edinglassie monitor. Edinglassie is a Mt Arthur Coal owned property and this monitor is used for management purposes only.

10/12/2009 (1<sup>st</sup> Blast) & 17/12/2009 (2<sup>nd</sup> Blast) Edinglassie results were elevated 6.16 m/s & 6.44 m/s respectively. These two blasts were in the northern end of Windmill Pit, close proximity to the Edinglassie monitor.

### MAN Data – Overpressure

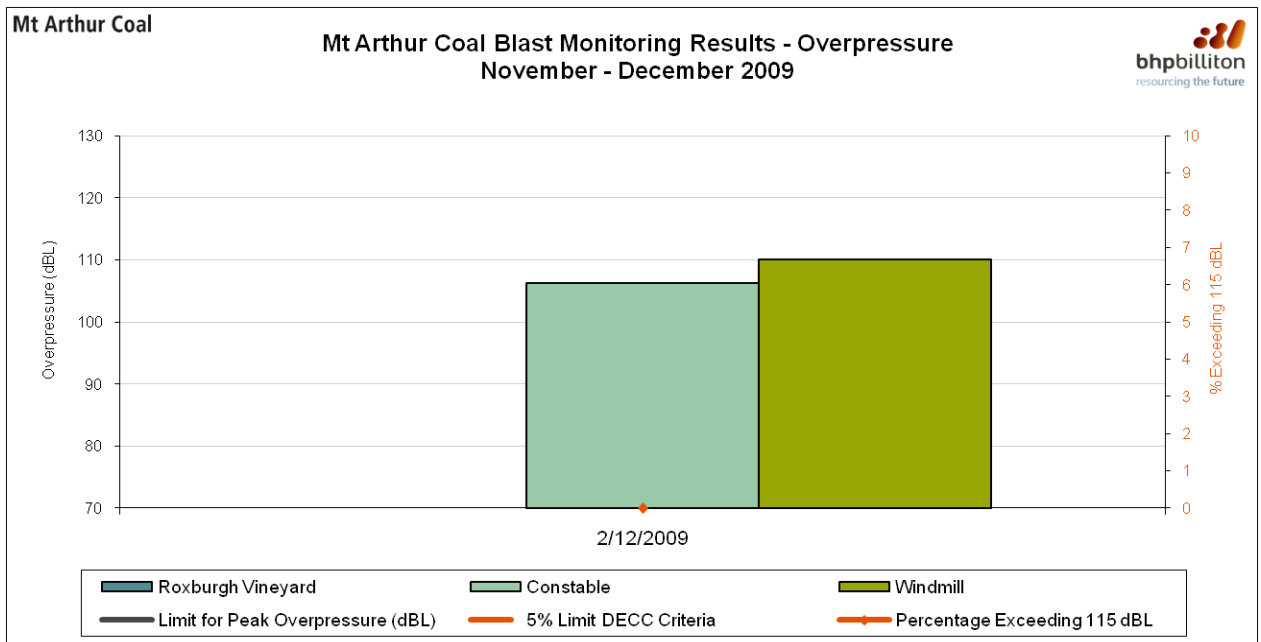
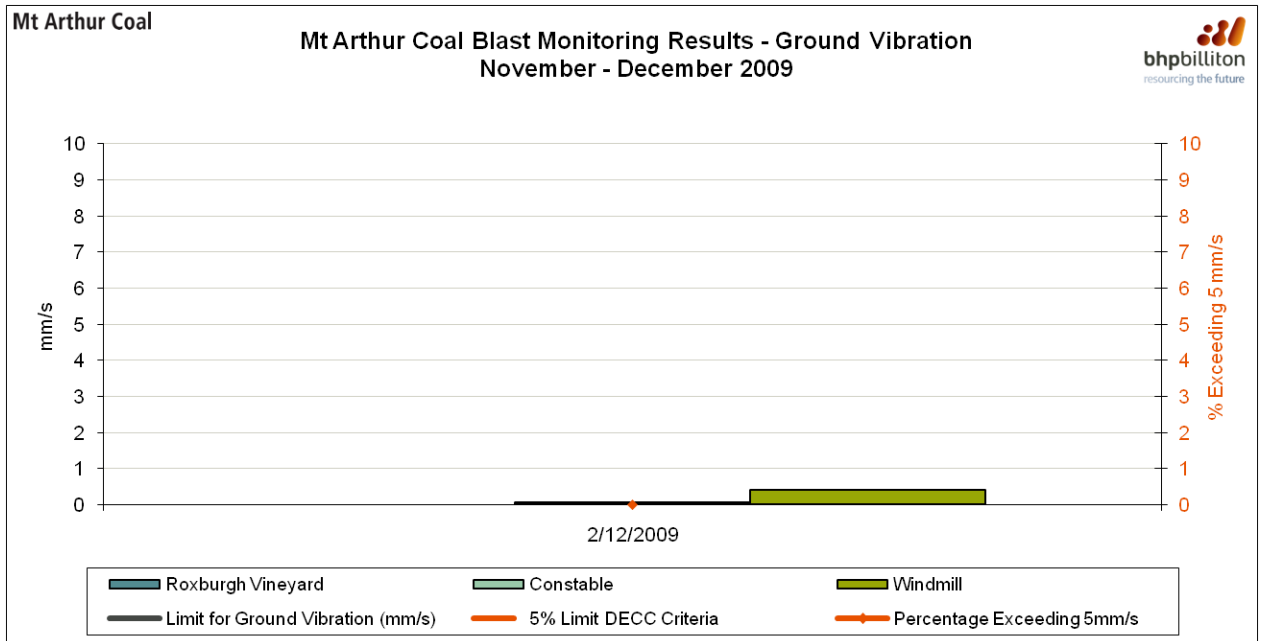




23/12/2009 – Edinglassie result elevated 116.7 dBA. Blast in Windmill North area of Pit. Very close vicinity to the Edinglassie monitor. Edinglassie is a Mt Arthur Coal owned property and this monitor is used for management purposes only.



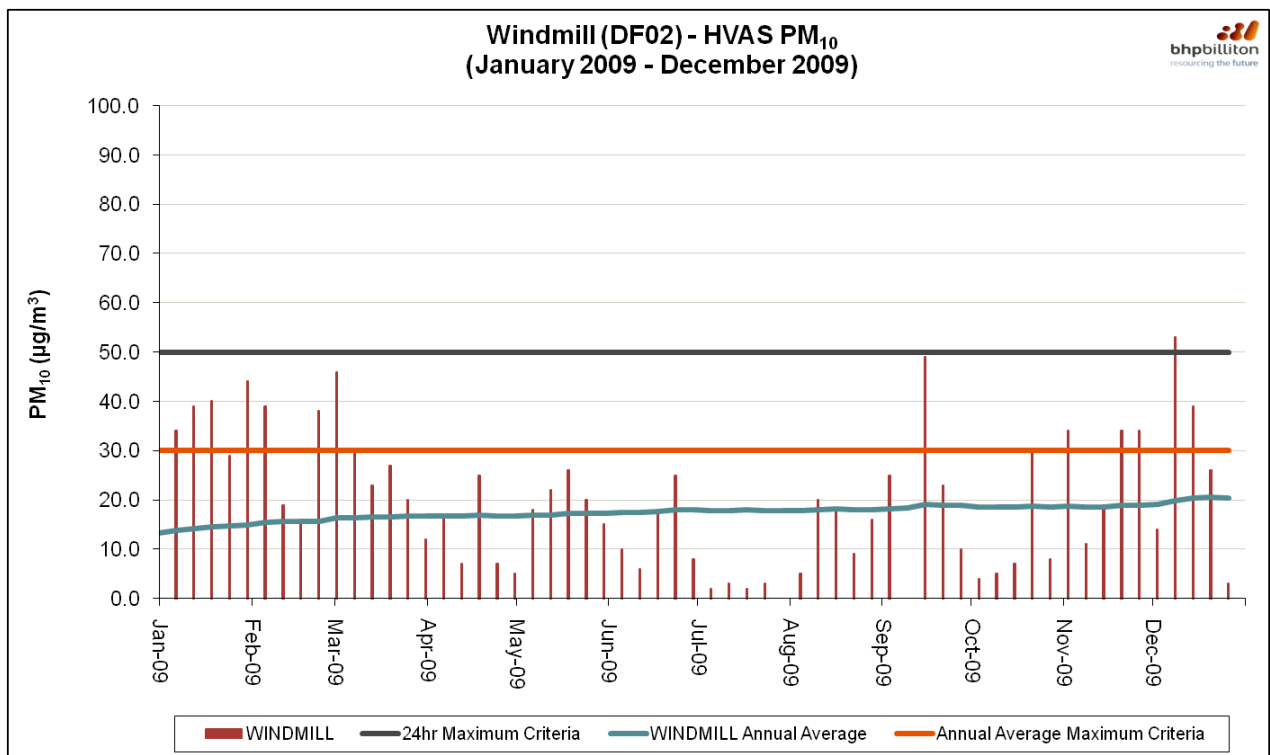
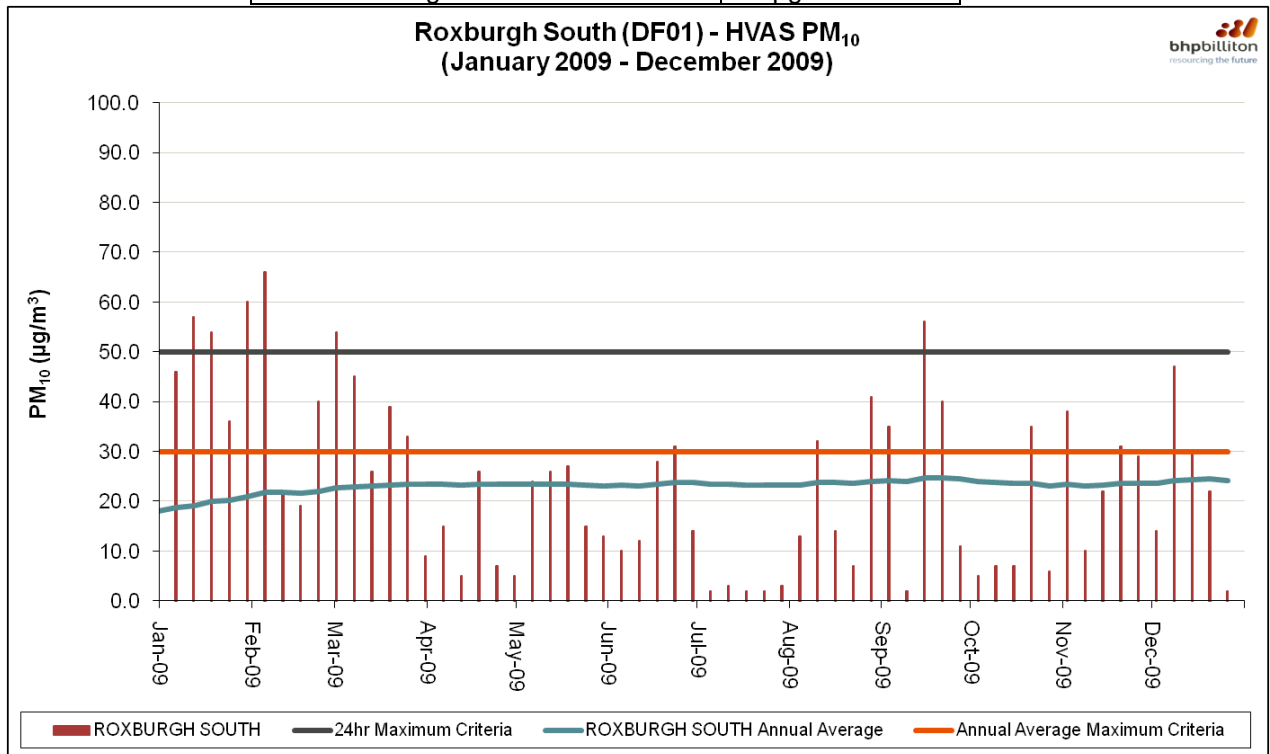
# BCC Data – Ground Vibration and Overpressure



One blast only in the November – December period at Bayswater No. 3. Roxburgh Vineyard monitor did not trigger at the time of blast due to communication issues. Pre blast checks of the monitor indicated that the unit was functioning correctly.

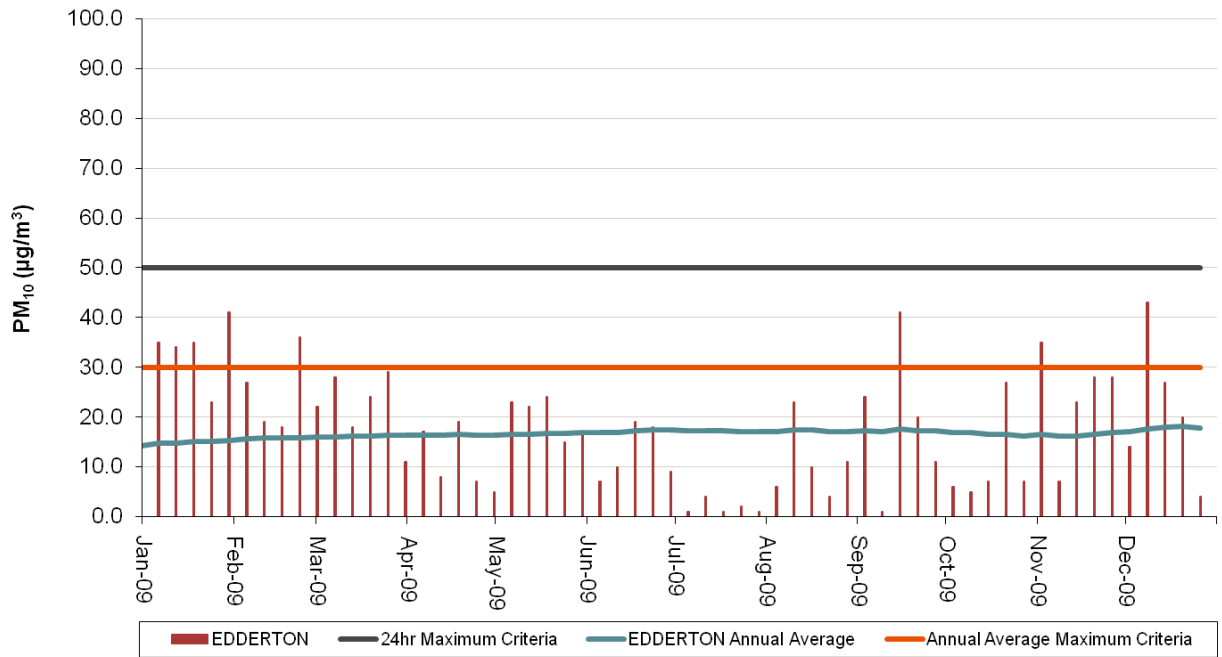
## 2. HVAS Data (November – December 2009)

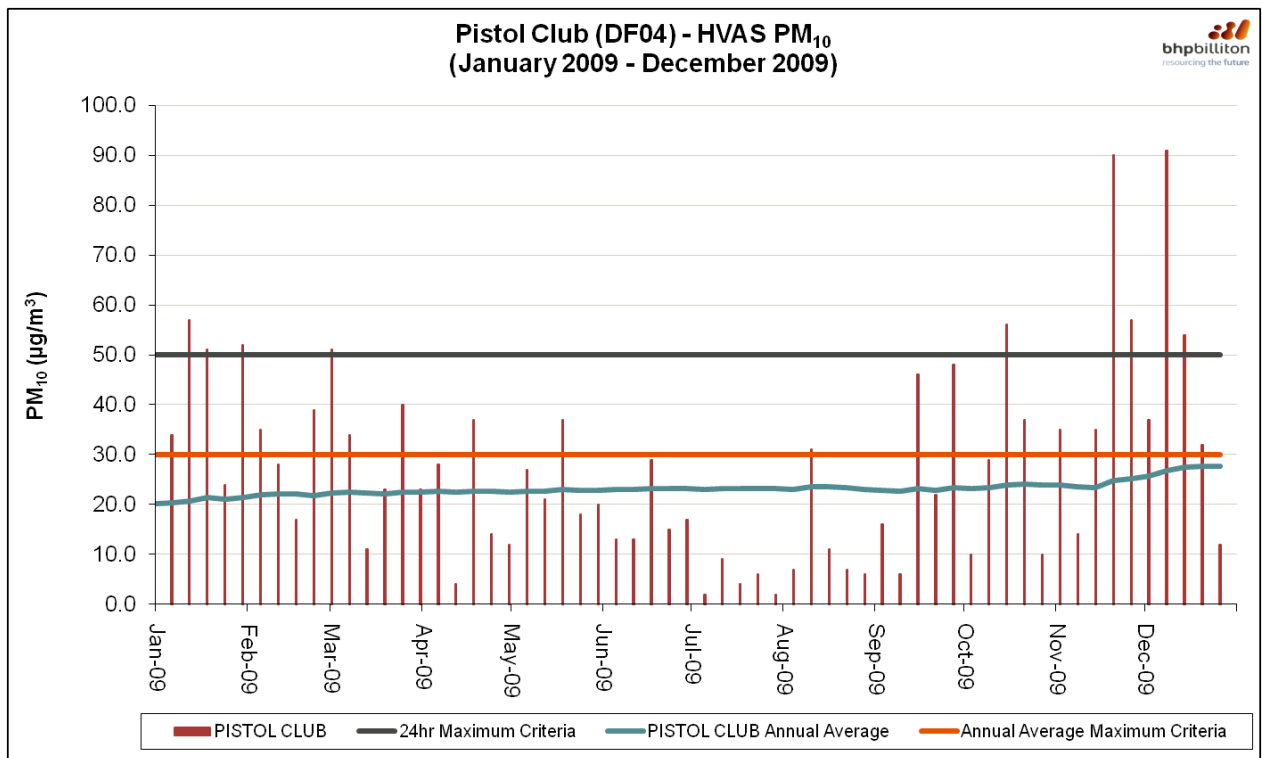
24 hr PM <sub>10</sub> Criteria	50 µg/m <sup>3</sup>
Annual Average PM <sub>10</sub> Criteria	30 µg/m <sup>3</sup>



8/12/09 – Elevated dust levels are regional on this day. Minor dust storm. Elevated results were experienced at the majority of monitors on this day. Wind was blowing from the site less than 28% of time throughout the day.

### Edderton (DF03) - HVAS PM<sub>10</sub> (January 2009 - December 2009)



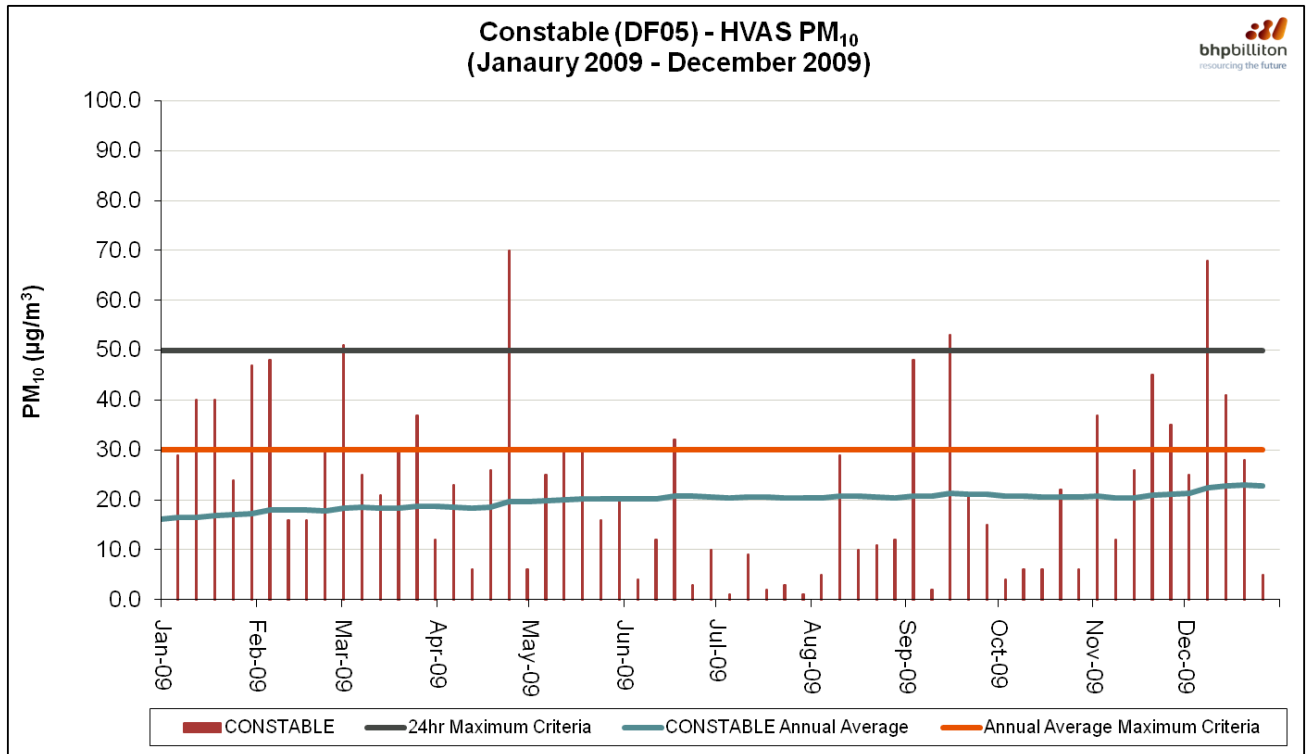


20/11/09 – Predominant wind activity for this day was from the North West. This elevated result was not greatly influenced by Mt Arthur Coals Operation on this day. Wind was blowing from the mine towards the monitor less than 37% of the time.

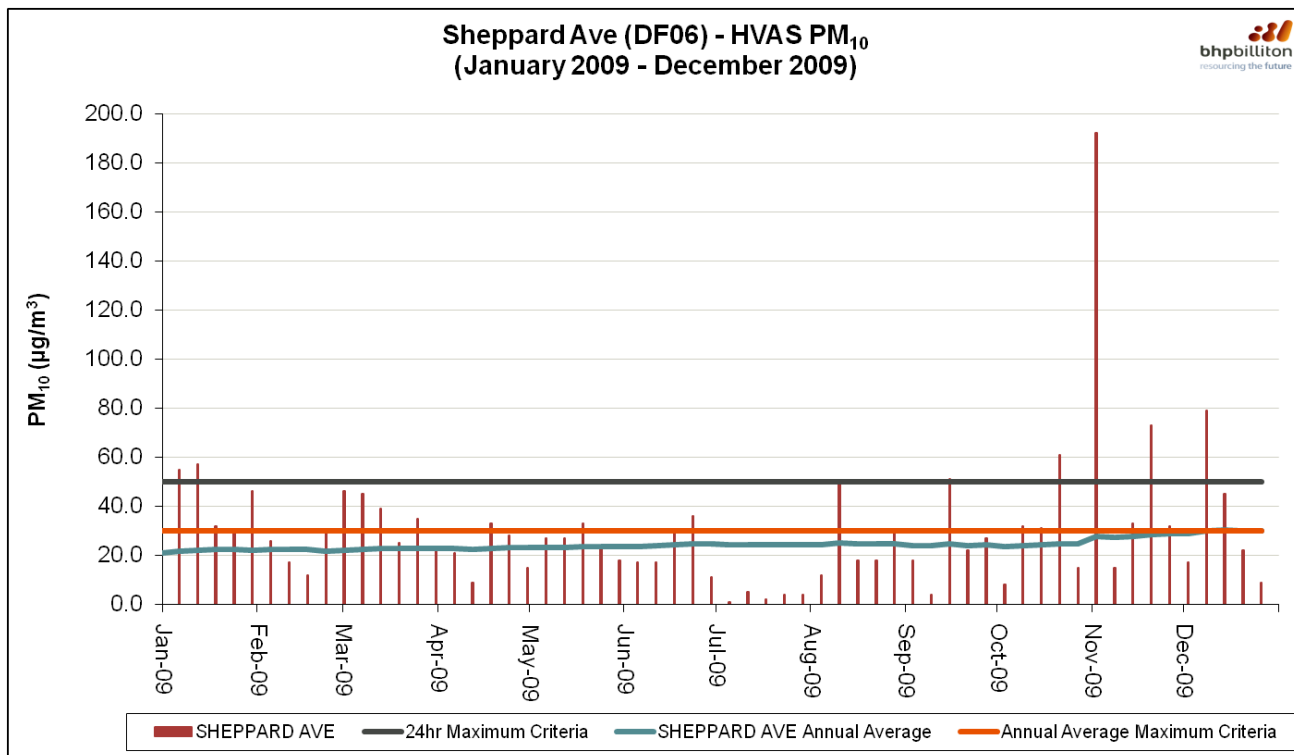
26/11/09 – Predominant wind activity for this day was from the North West. This elevated result was not greatly influenced by Mt Arthur Coals Operation on this day. Wind was blowing from the mine towards the monitor less than 27% of the time.

8/12/09 – Elevated dust levels are regional on this day. Minor dust storm. Elevated results were experienced at the majority of monitors on this day. Wind was blowing from the site less than 35% of time throughout the day.

14/12/09 – This monitor was upwind of the operation for the entire day. Mt Arthurs Coals activities did not contribute to this elevated result on this day.



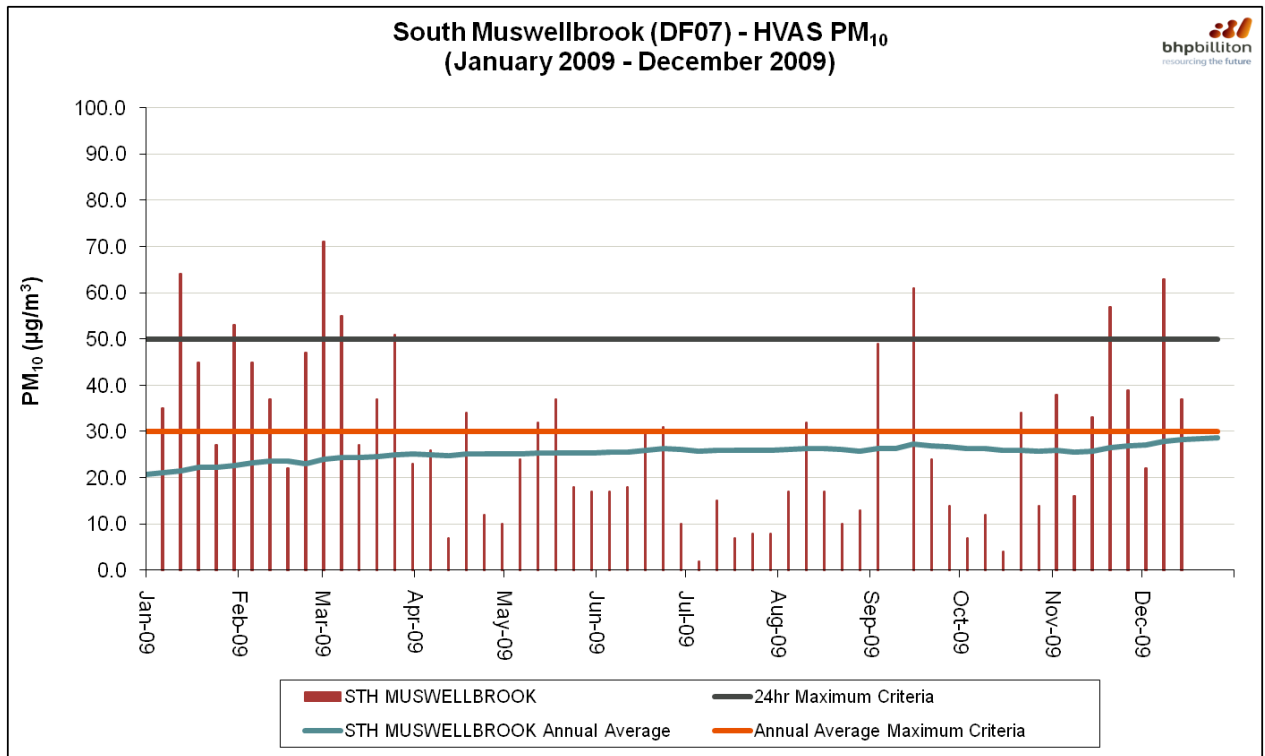
8/12/09 – Elevated dust levels are regional on this day. Minor dust storm. Elevated results were experienced at the majority of monitors on this day. Wind was blowing from the site less than 22% of time throughout the day.



2/11/09 – The Muswellbrook Gold Cup Carnival commenced on this day and additional traffic and activity has caused this elevated result. This monitor is beside the entrance road for the racecourse. Localised activities influenced this elevated result.

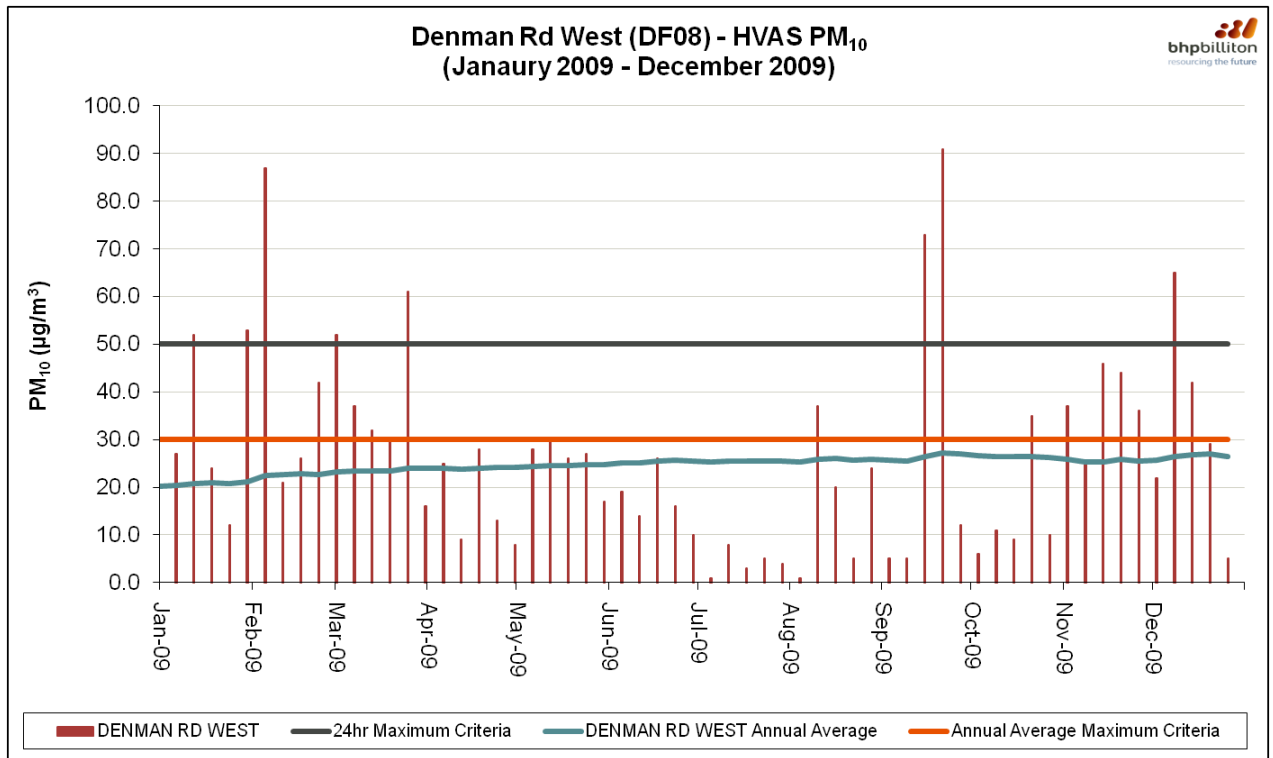
20/11/09 – Predominant wind direction for the day was from the North West. This indicates that Mt Arthur Coals activities did not significantly influence this elevated result.

8/12/09 – Elevated dust levels are regional on this day. Minor dust storm. Elevated results were experienced at the majority of monitors on this day. Wind was blowing from the site less than 11% of time throughout the day.



20/11/09 – Predominant wind direction for the day was from the North West. This indicates that Mt Arthur Coals activities did not significantly influence this elevated result.

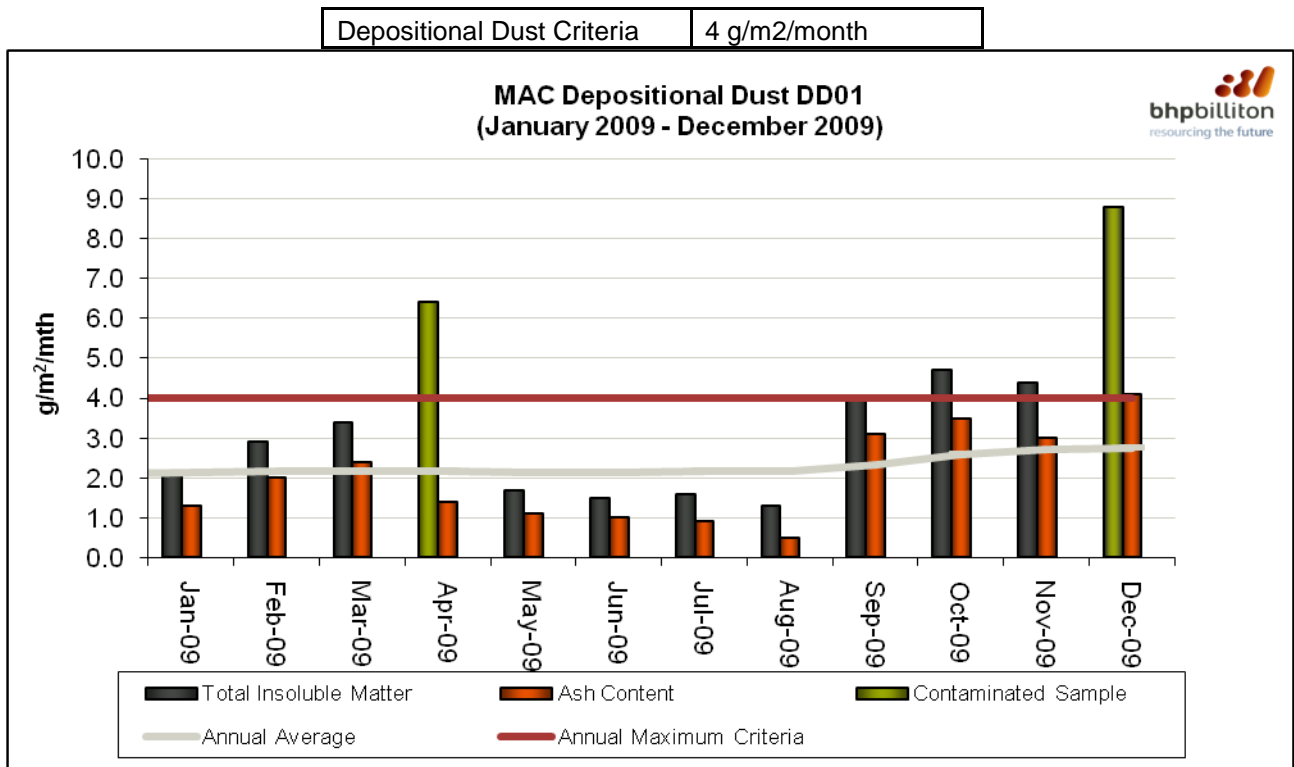
8/12/09 – Elevated dust levels are regional on this day. Minor dust storm. Elevated results were experienced at the majority of monitors on this day. Wind was blowing from the site less than 22% of time throughout the day.



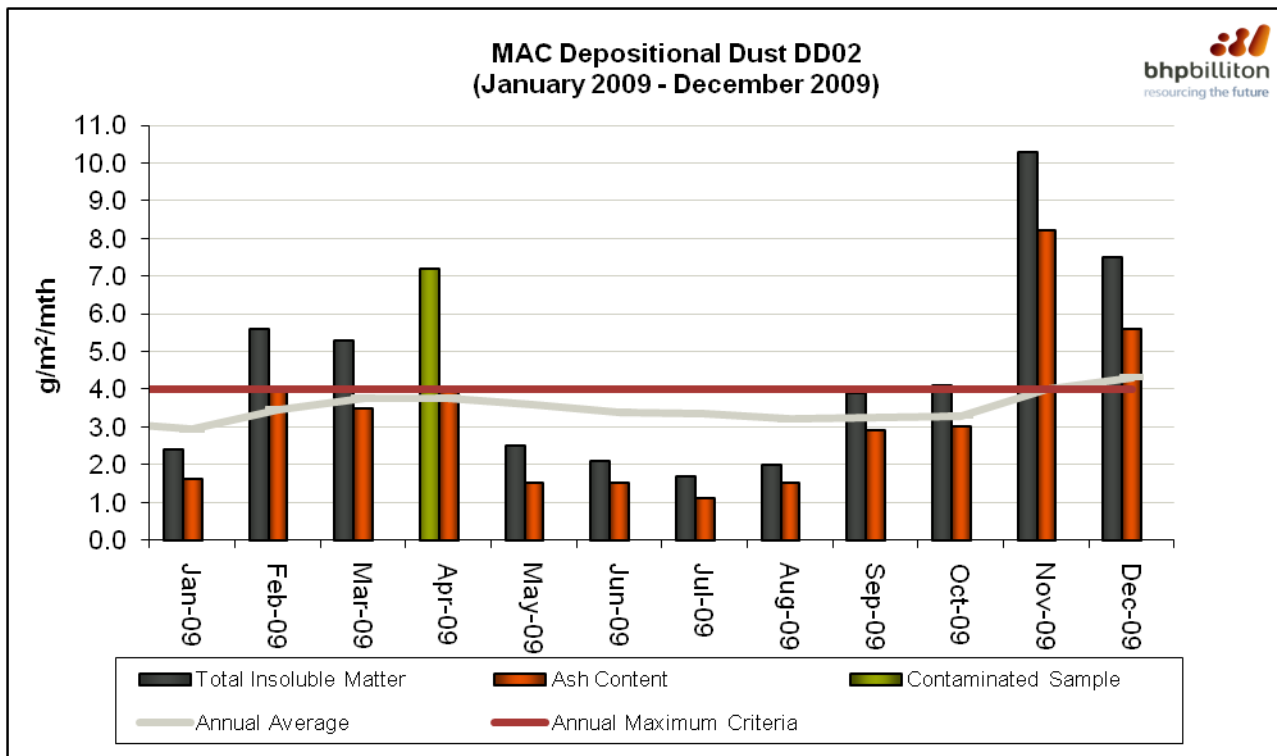
8/12/09 – Elevated dust levels are regional on this day. Minor dust storm. Elevated results were experienced at the majority of monitors on this day. Wind was blowing from the site less than 30% of time throughout the day.



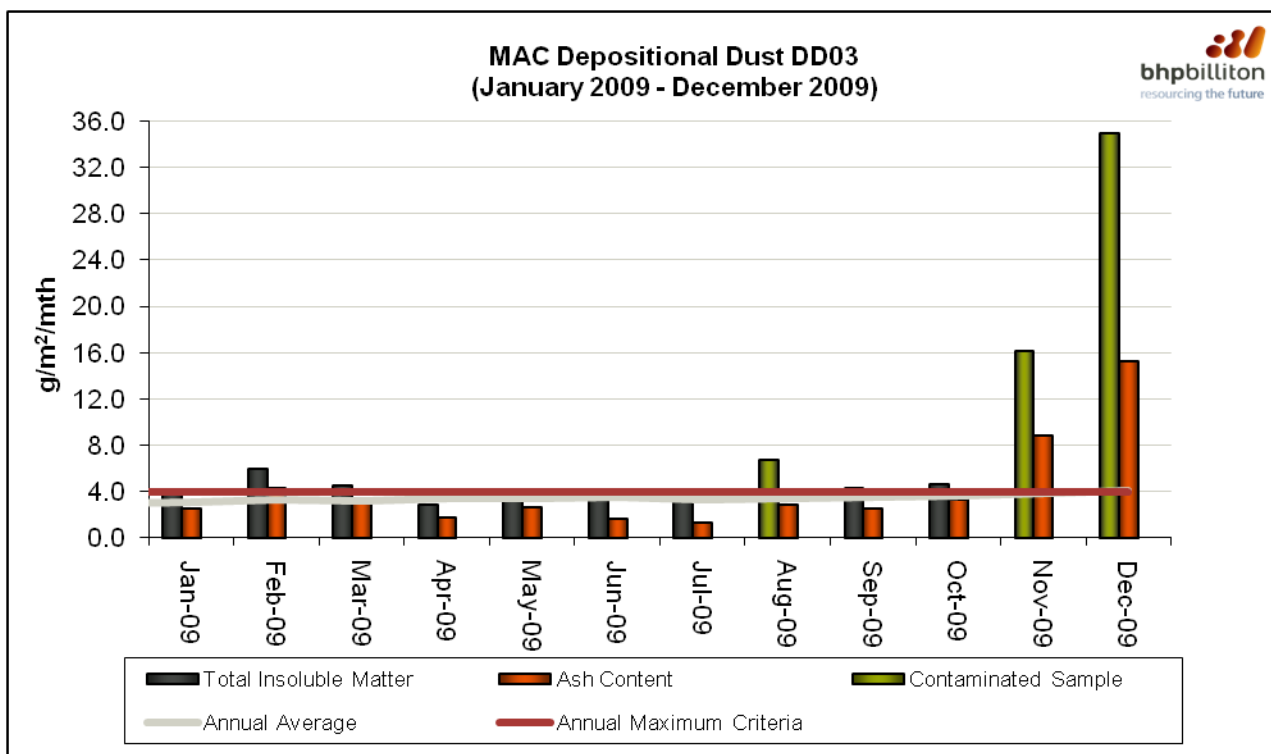
### 3. Depositional Dust Data (November – December 2009)



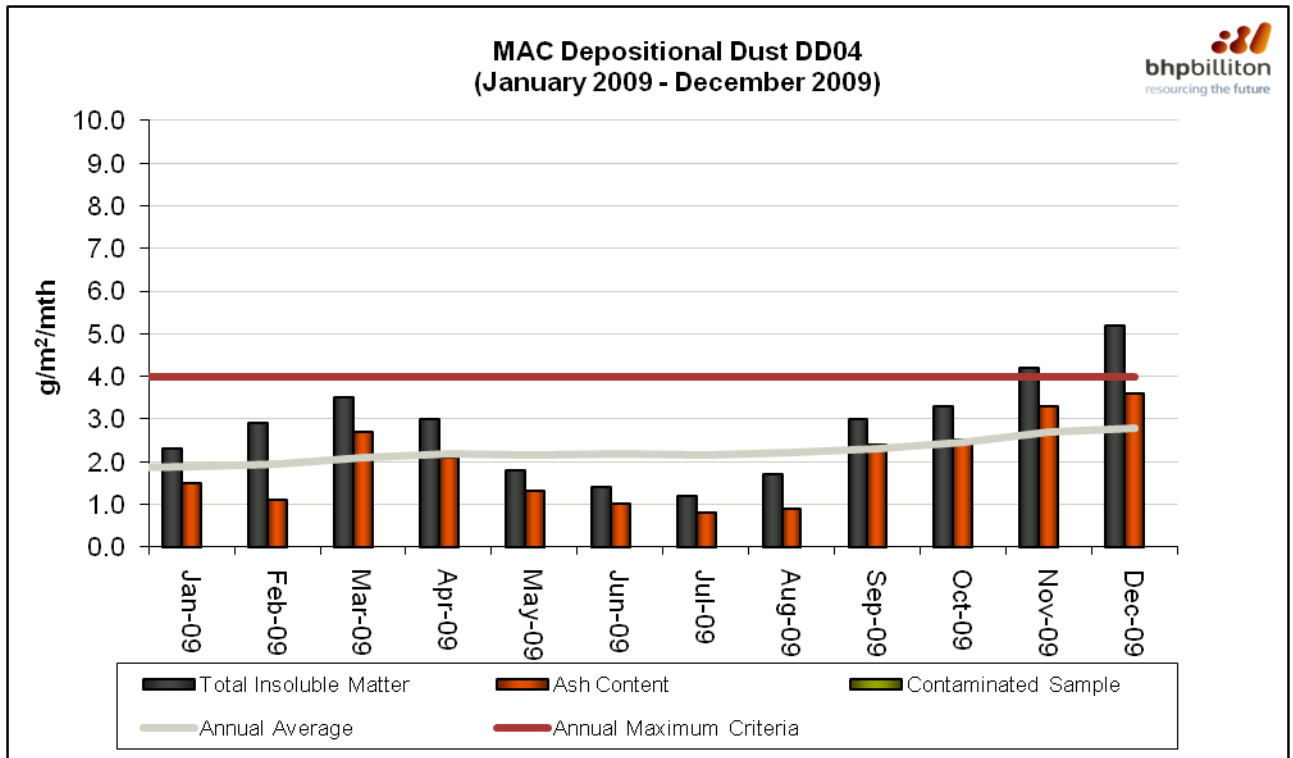
Investigation revealed that in November the predominant wind conditions were light to extreme winds from the South East, this depositional dust gauge is upwind of the operation for the month of November 2009 therefore Mt Arthur Coals activities did not greatly influence this elevated result. Independent monitoring contractor has advised that December 2009 sample was contaminated with excessive bird droppings.



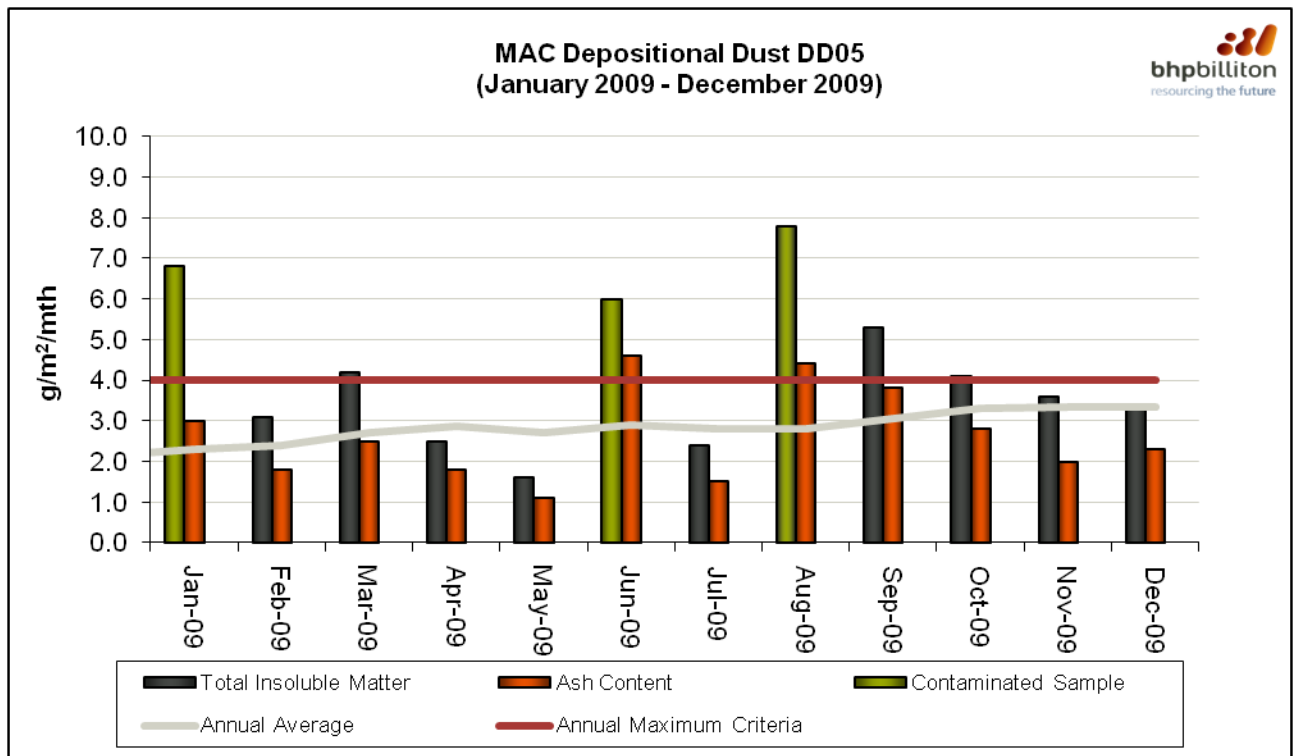
Investigation revealed that in November and December the predominant wind conditions were light to extreme winds from the South East, this depositional dust gauge is upwind of the operation for the months of November and December 2009 therefore Mt Arthur Coals activities did not greatly influence this elevated result.

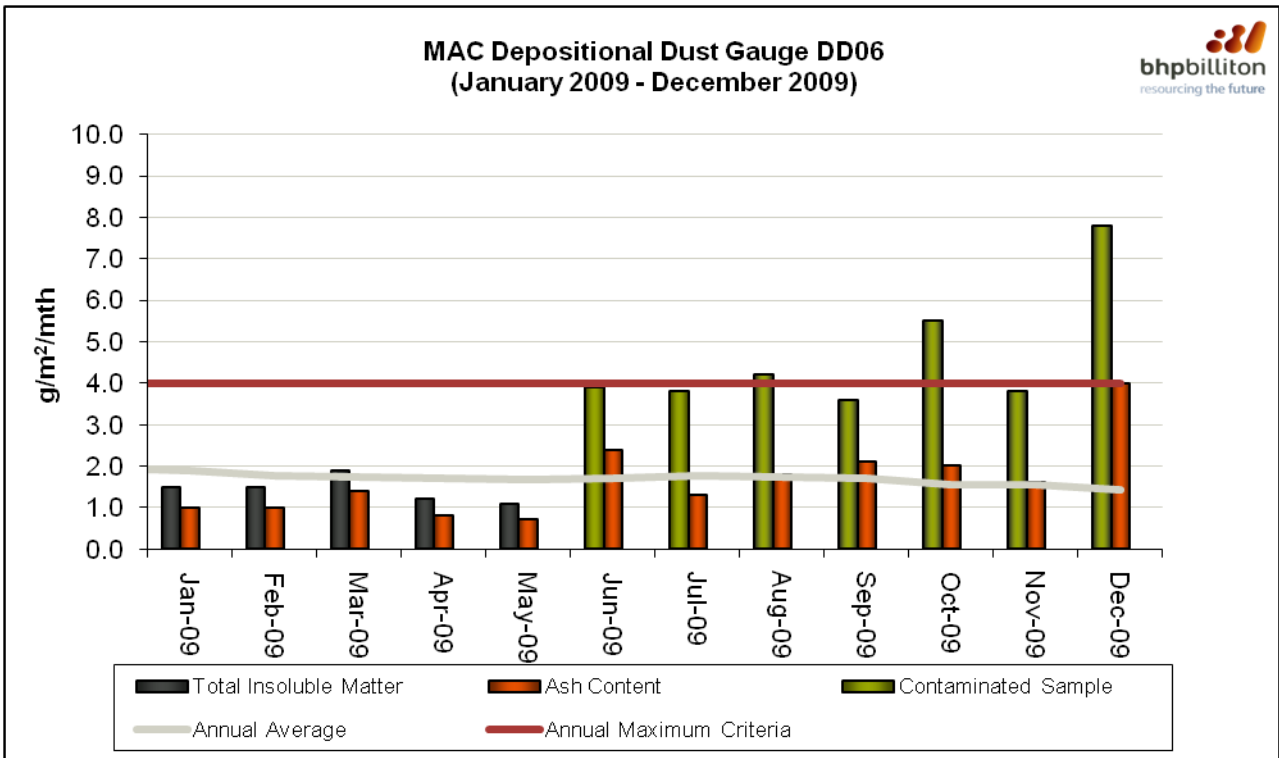


Independent monitoring contractor has advised that November and December 2009 samples were contaminated with excessive bird droppings, insects and vegetation.

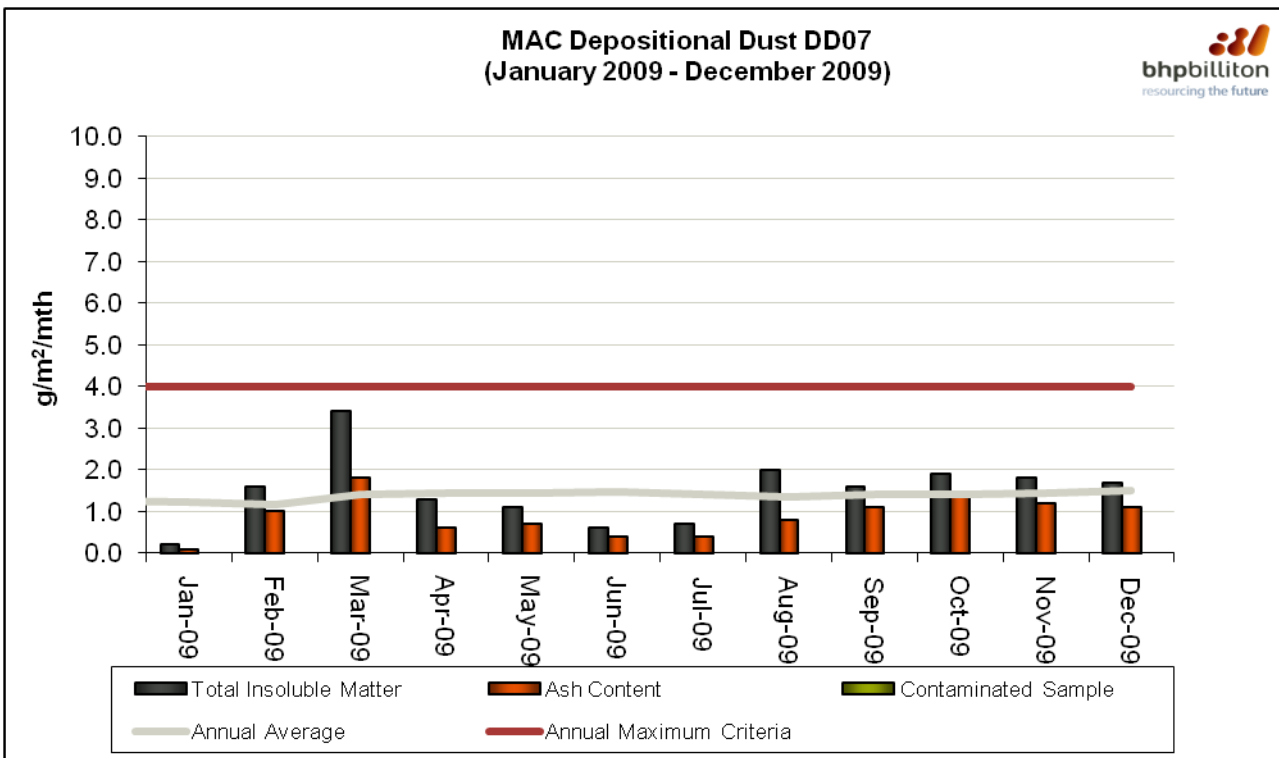


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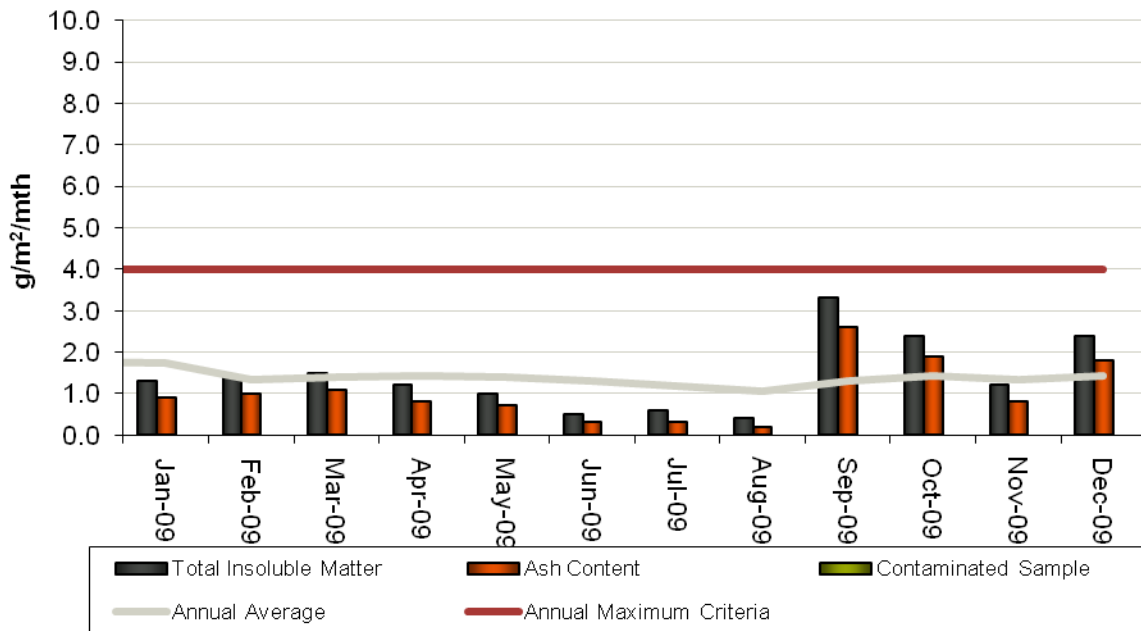




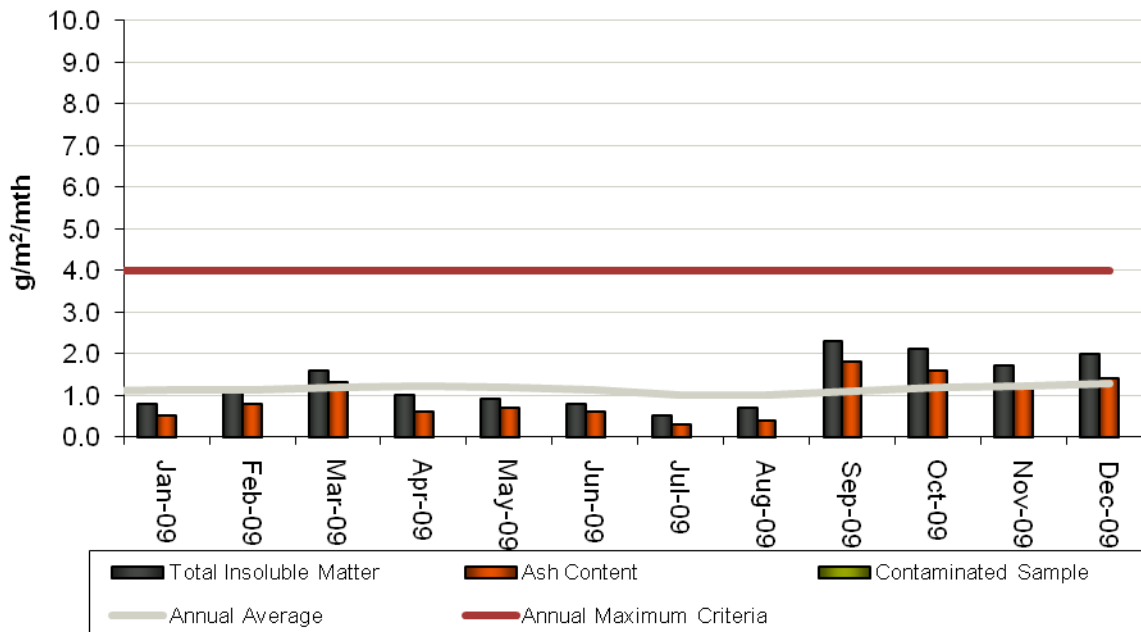
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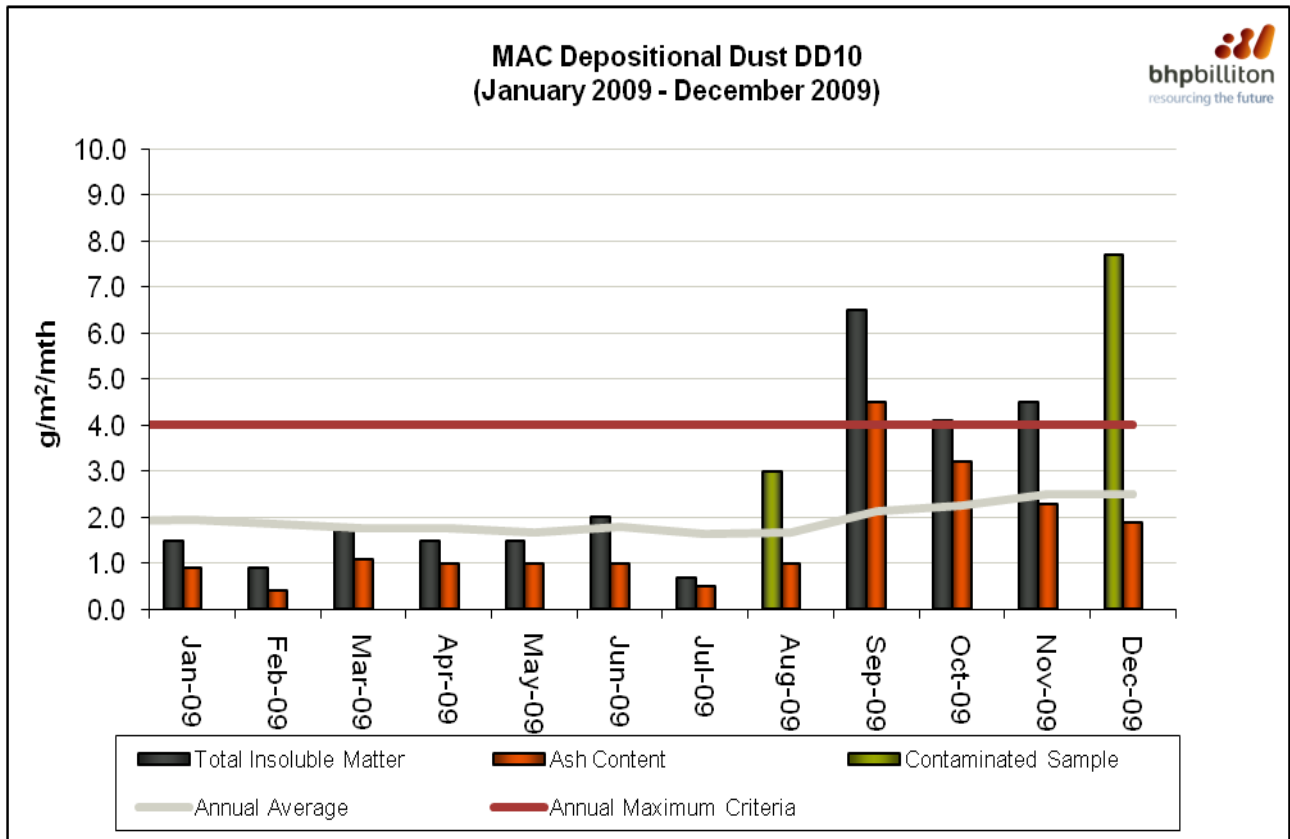


**MAC Depositional Dust DD08  
(January 2009 - December 2009)**

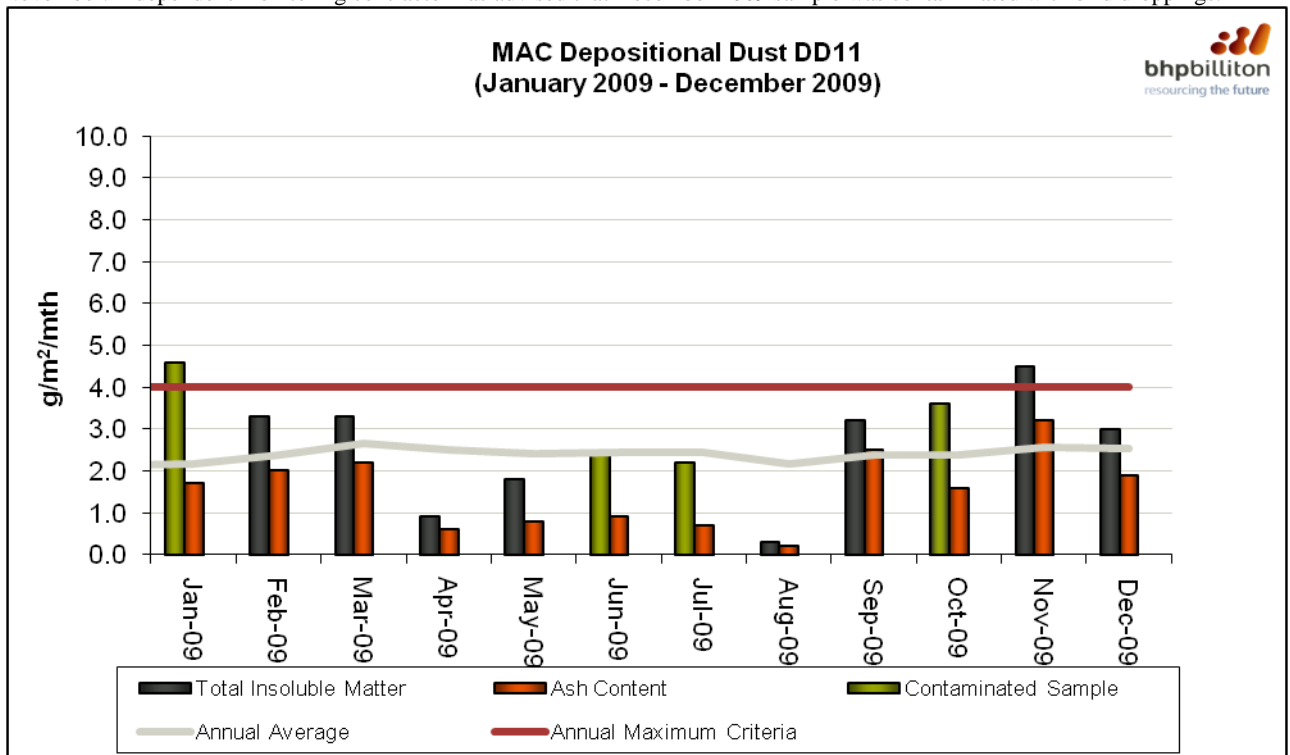


**MAC Depositional Dust DD09  
(January 2009 - December 2009)**

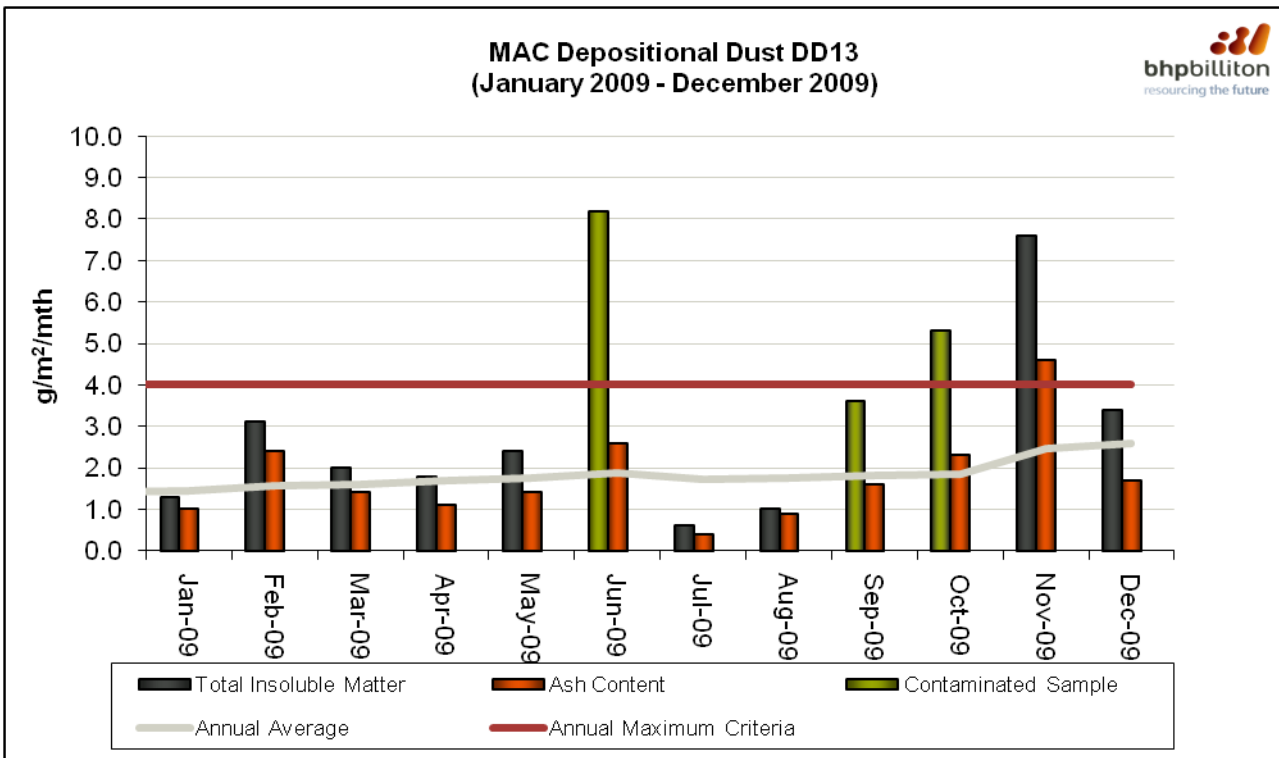
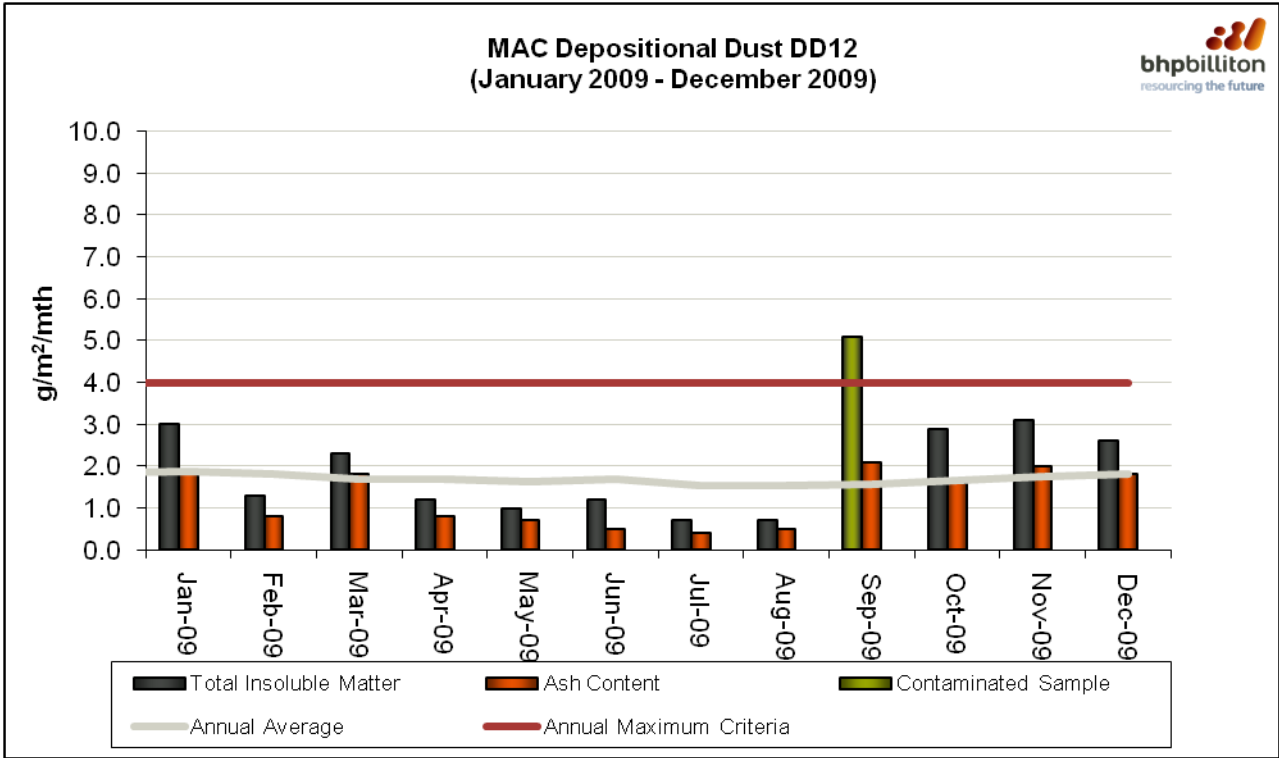




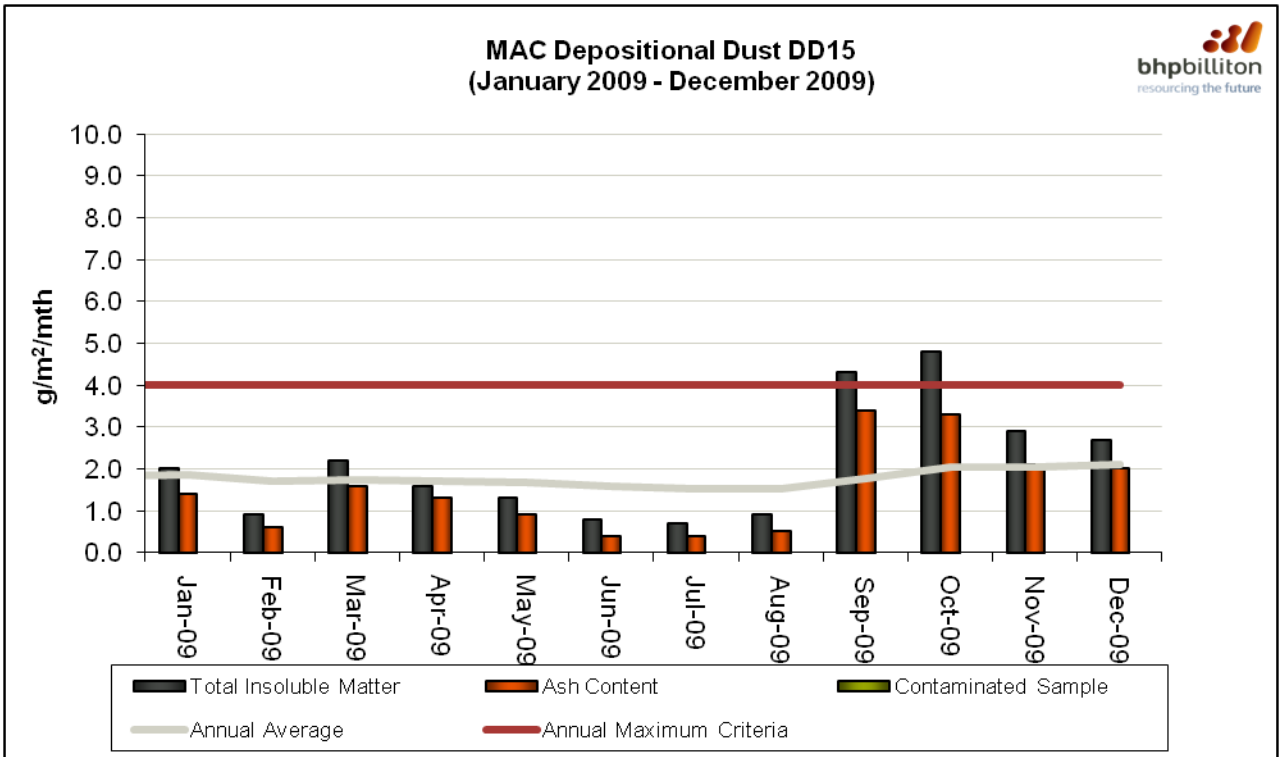
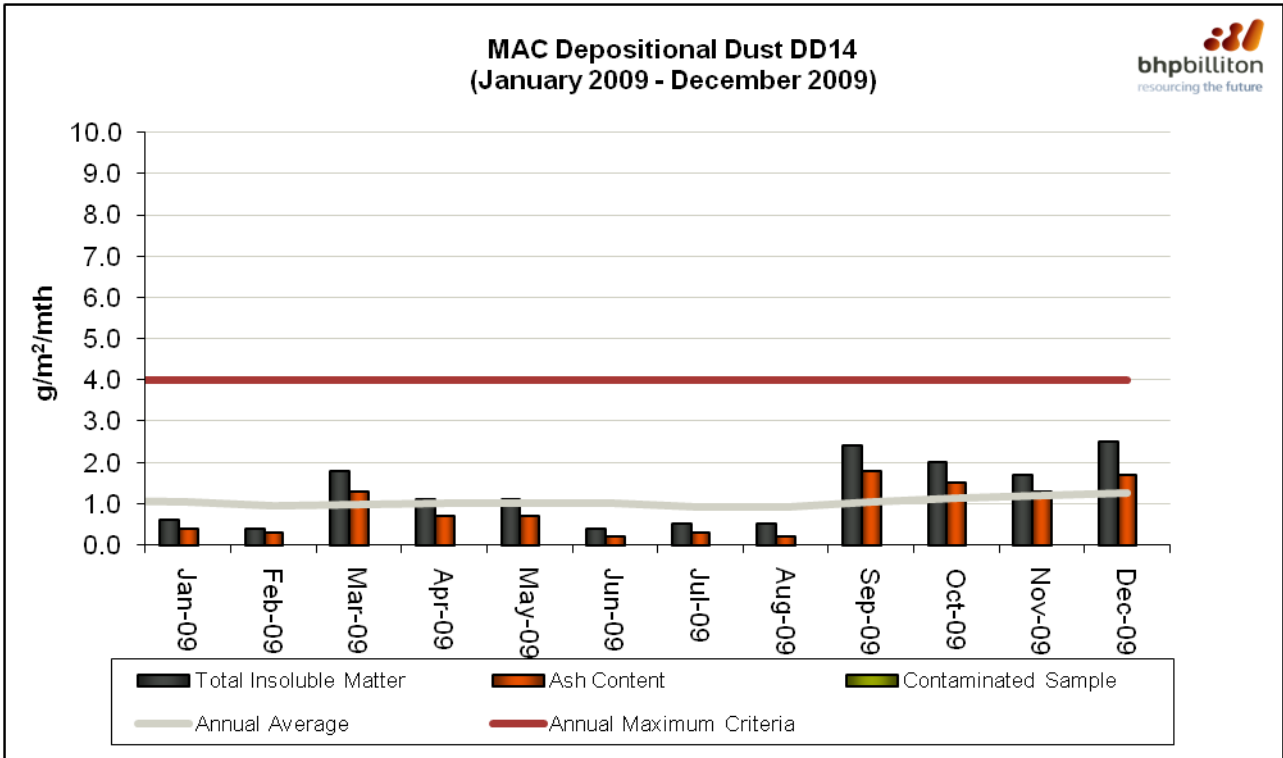
DD10 is located on Mt Arthur Coal owned land and is used for Management purposes. Investigation revealed that in November the predominant wind conditions were light to extreme winds from the South East. Using upwind/downwind methodology and DD5 as the upwind monitor it has been determined that Mt Arthur Coals operation contributed approximately 0.9  $\mu\text{g}/\text{m}^2/\text{month}$  for the month of November. Independent monitoring contractor has advised that December 2009 sample was contaminated with bird droppings.



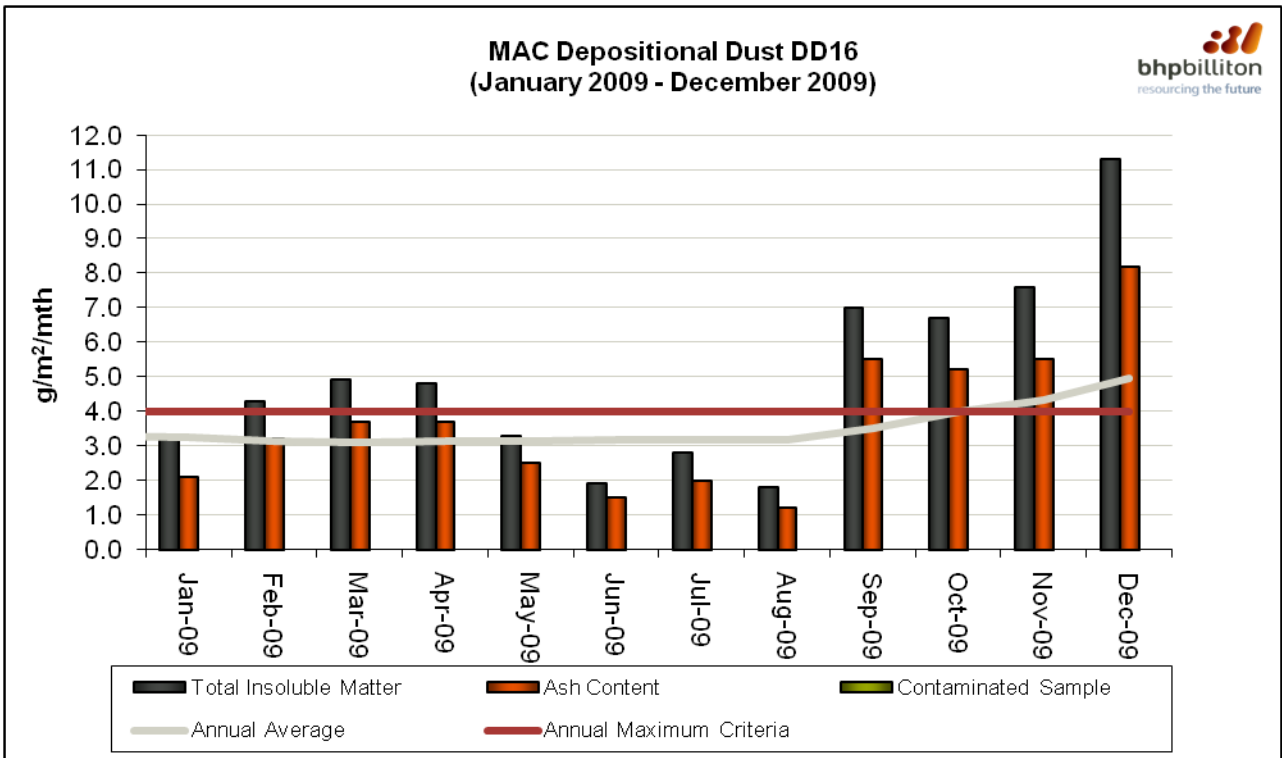
DD11 is located on Mt Arthur Coal owned land and is used for Management purposes. Investigation revealed that in November the predominant wind conditions were light to extreme winds from the South East. Using upwind/downwind methodology and DD5 as the upwind monitor it has been determined that Mt Arthur Coals operation contributed approximately 0.9  $\mu\text{g}/\text{m}^2/\text{month}$  for the month of November.



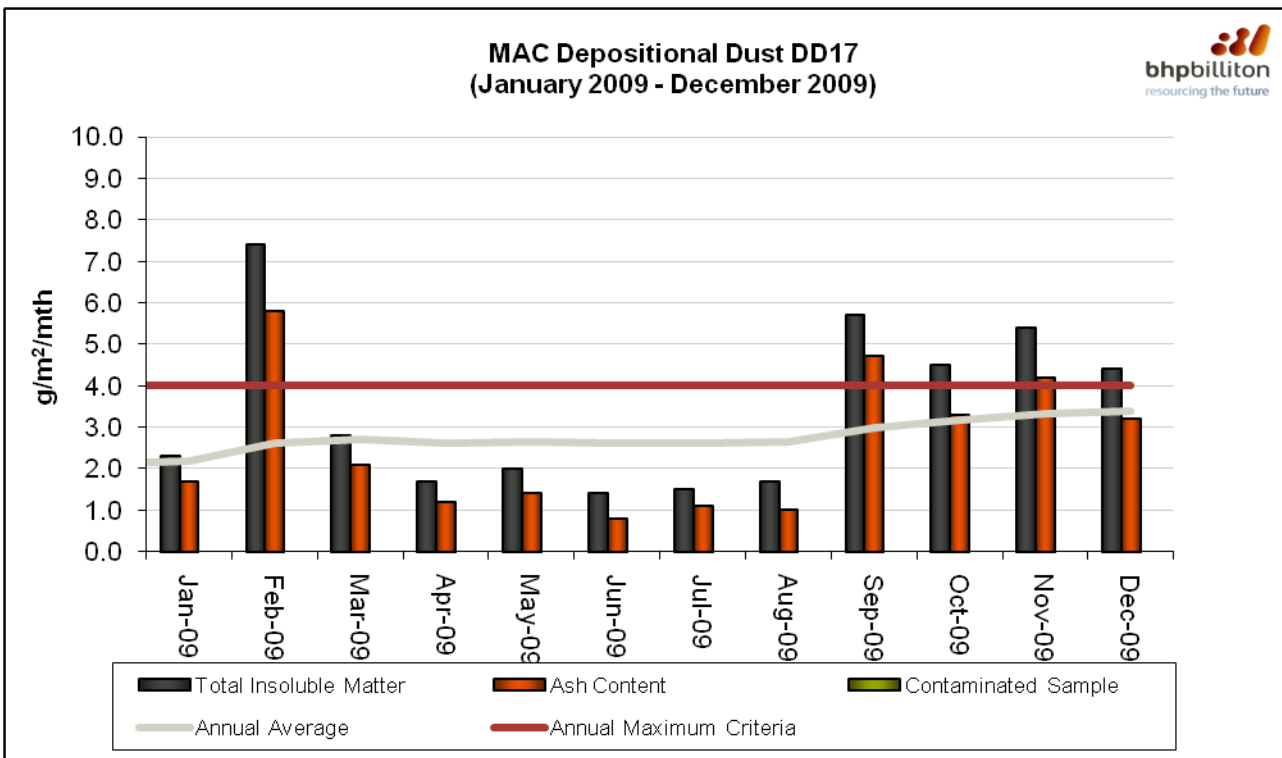
DD13 is located on Mt Arthur Coal owned land and is used for Management purposes. Investigation revealed that in November the predominant wind conditions were light to extreme winds from the South East. Using upwind/downwind methodology and DD5 as the upwind monitor it has been determined that Mt Arthur Coals operation contributed approximately 4.0  $\mu\text{g}/\text{m}^2/\text{month}$  for the month of November.



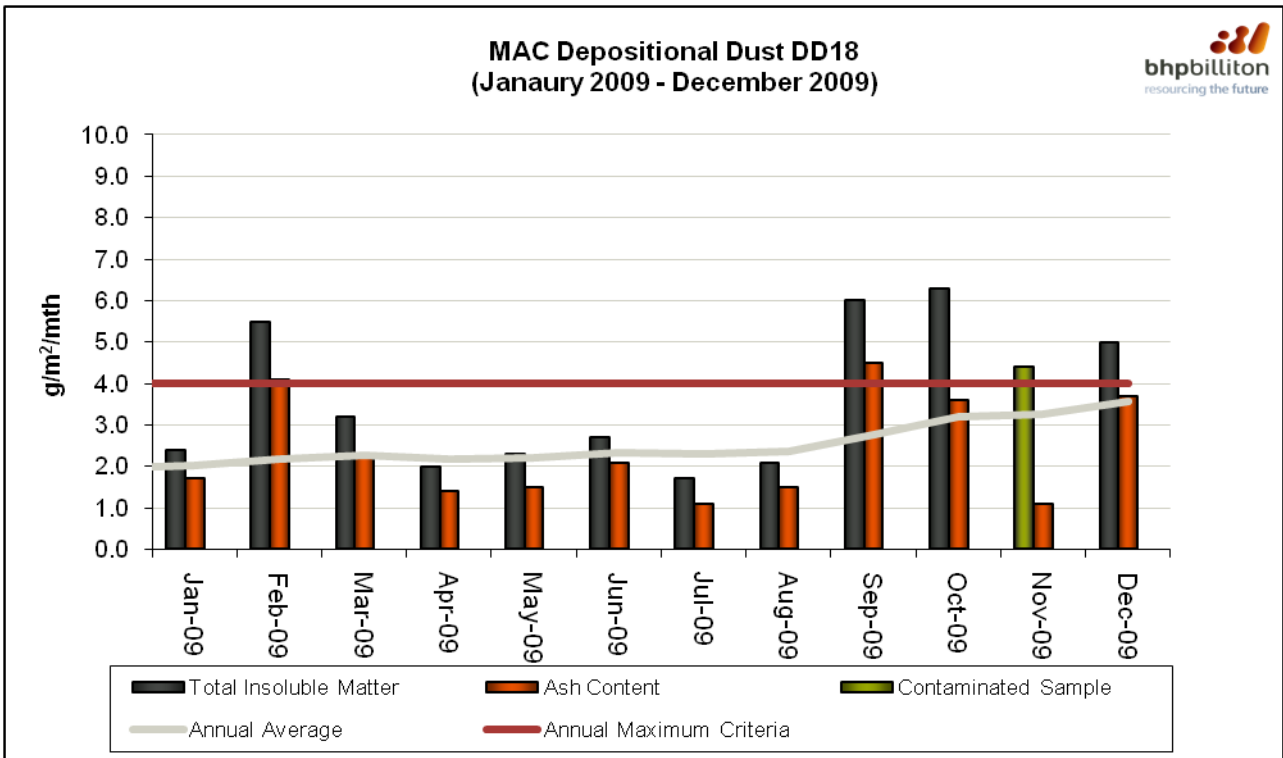




Edinglassie is owned by Mt Arthur Coal. This depositional dust gauge is used for Management purposes only. Mining activity has ramped up in the Windmill pit area, close vicinity to the Edinglassie monitor.

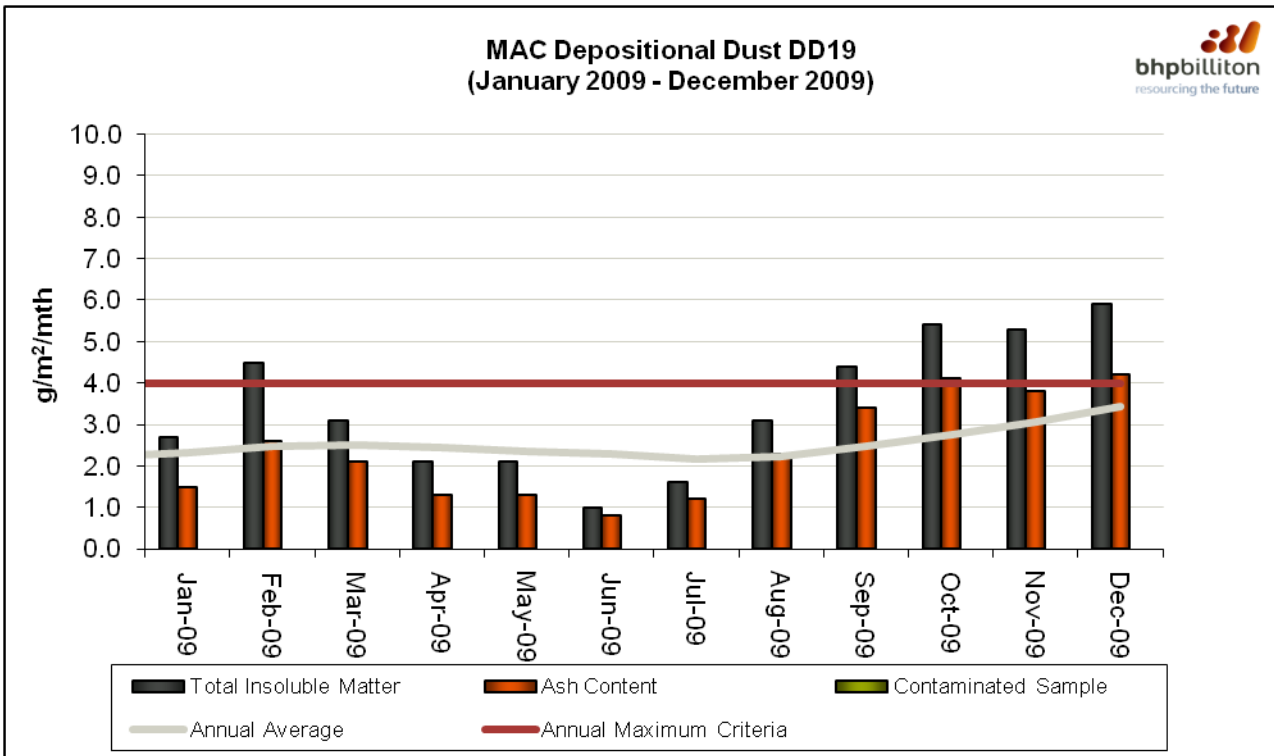


DD17 is located on Mt Arthur Coal owned land and within the mining lease. Investigation revealed that in November and December the predominant wind conditions were light to extreme winds from the South East, this depositional dust gauge is to the north of the operation. These elevated results are likely to be a result of increased activity in the Windmill Pit area.

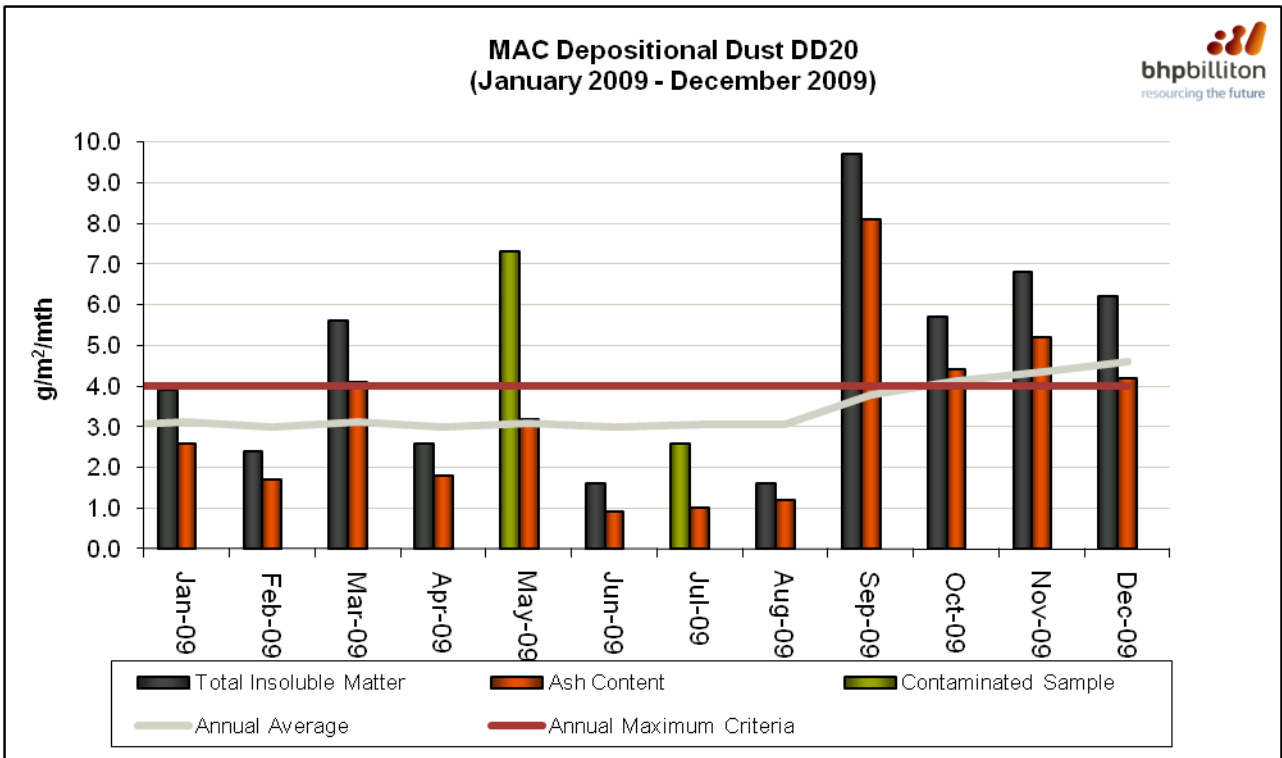


Independent monitoring contractor has advised that November 2009 sample was contaminated with vegetation and insects.

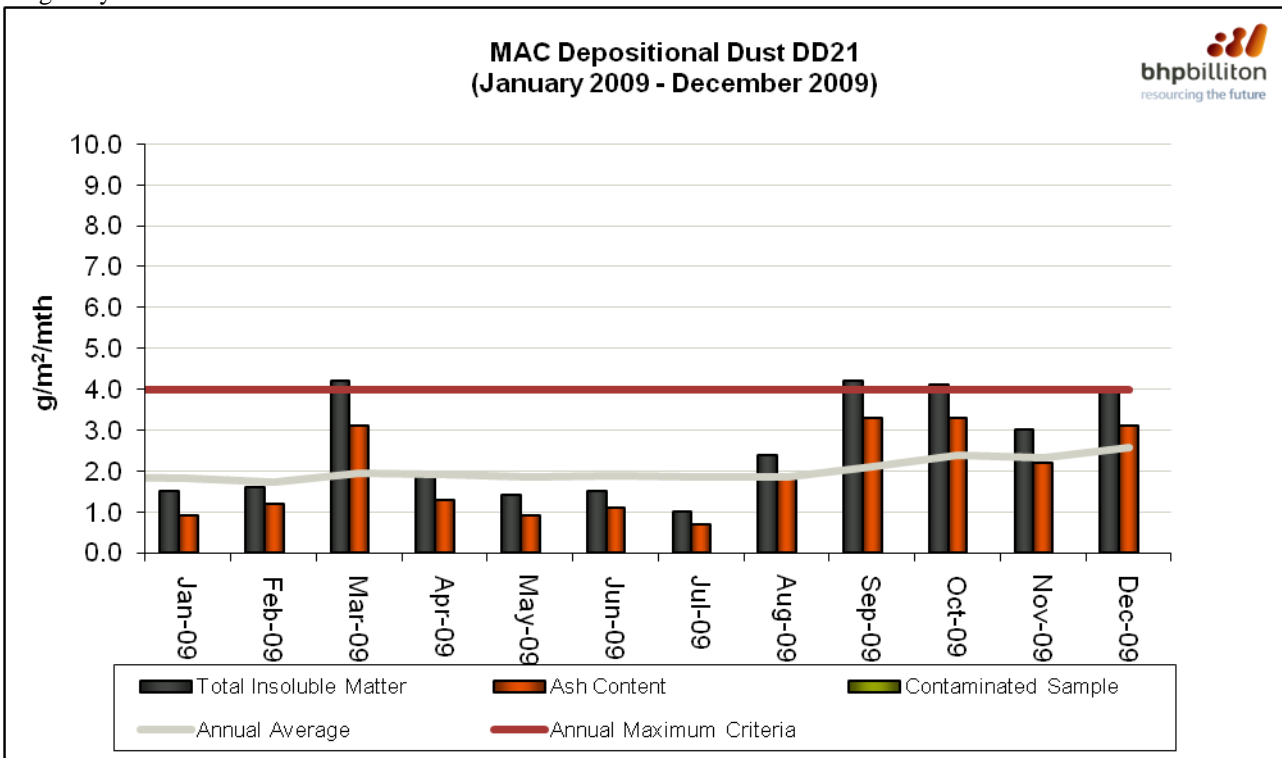
Investigation revealed that in December the predominant wind conditions were light to extreme winds from the South East, this depositional dust gauge is to the North East of the operation therefore Mt Arthur Coals activities did not greatly influence this elevated result.



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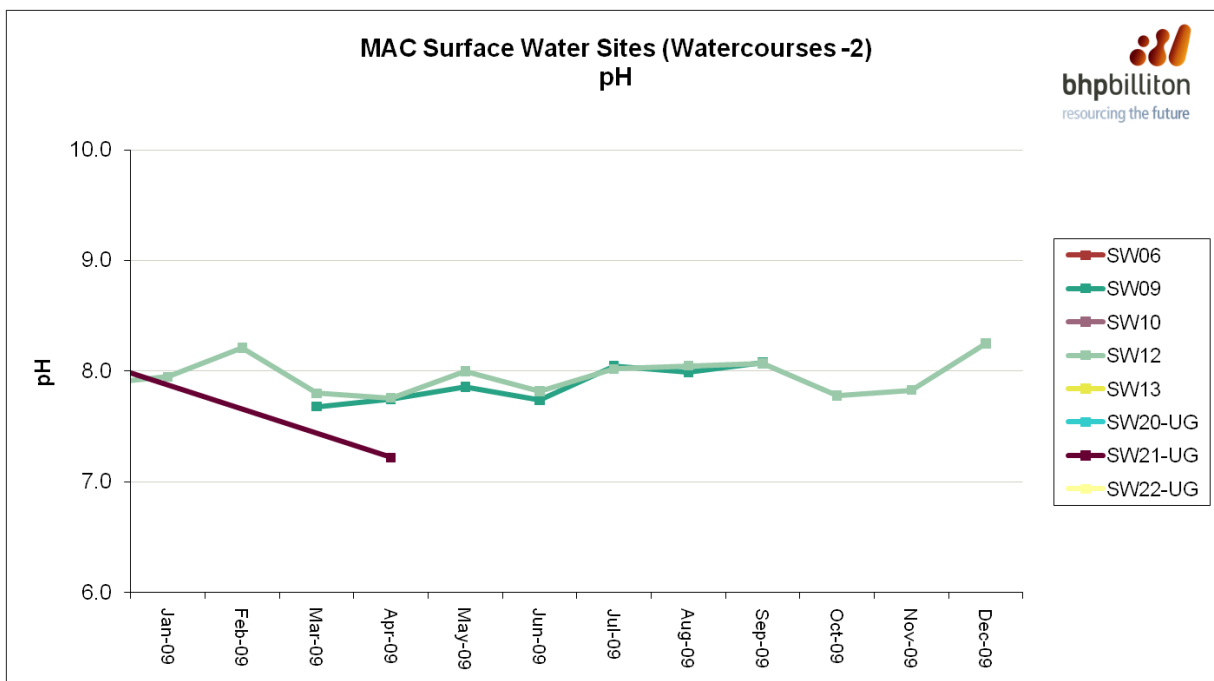
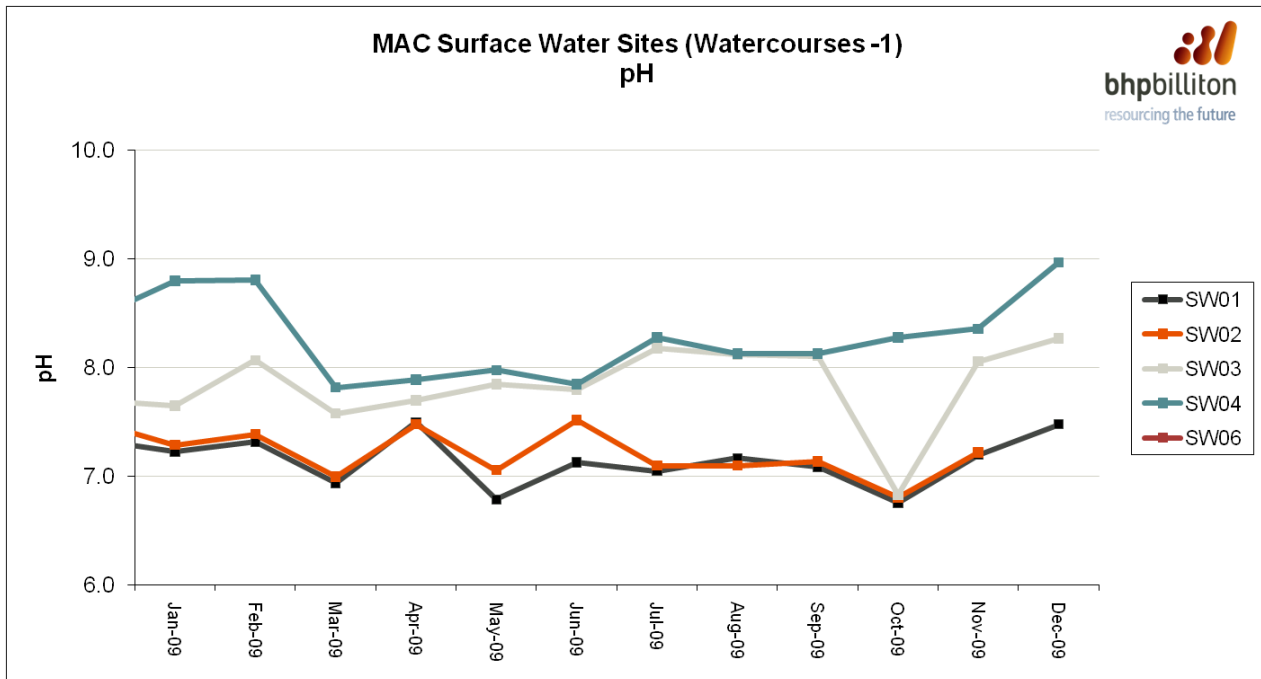


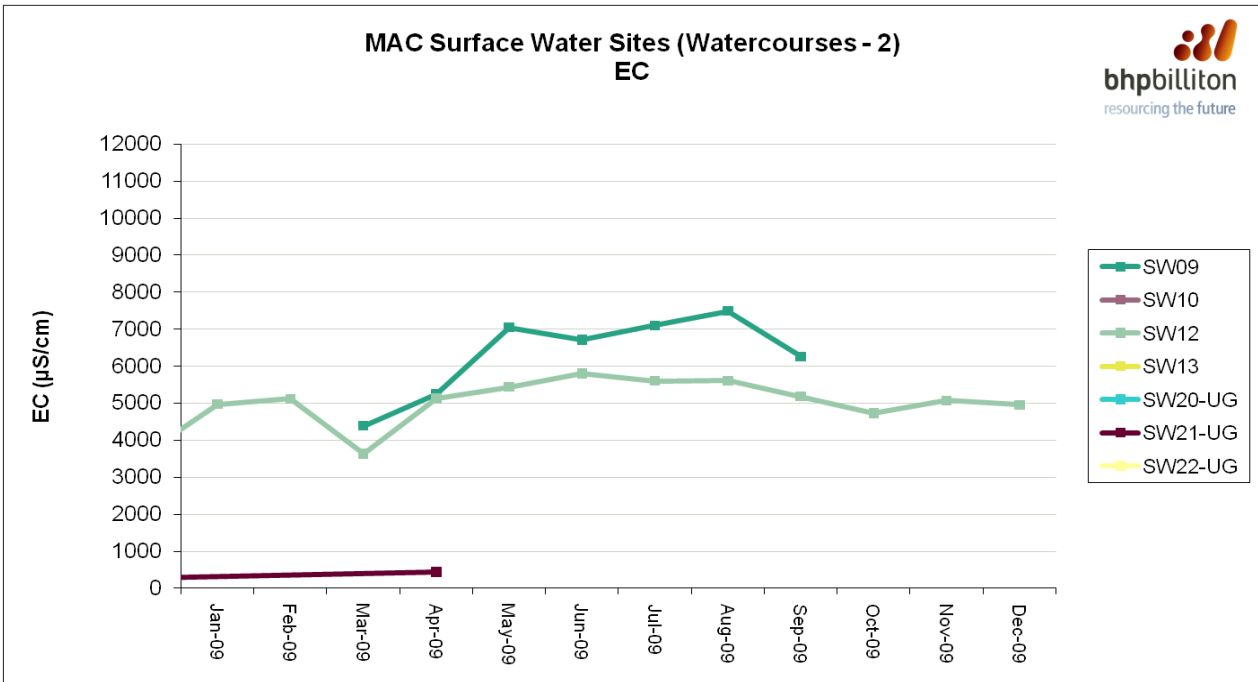
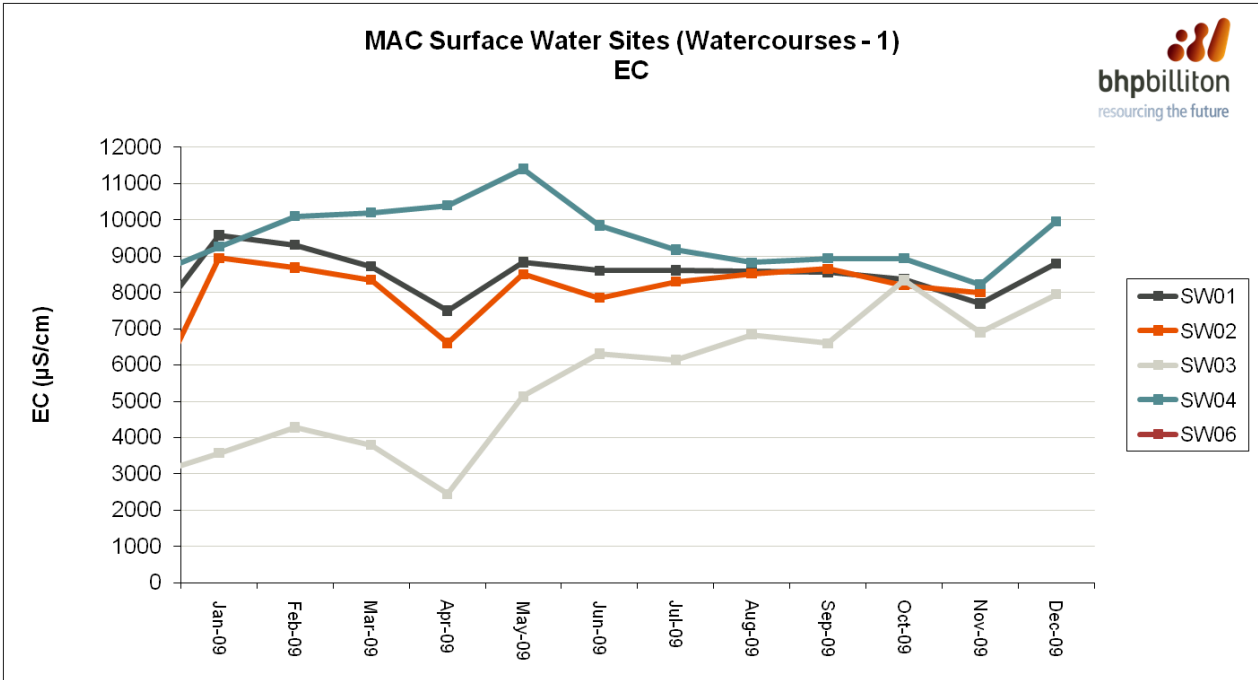
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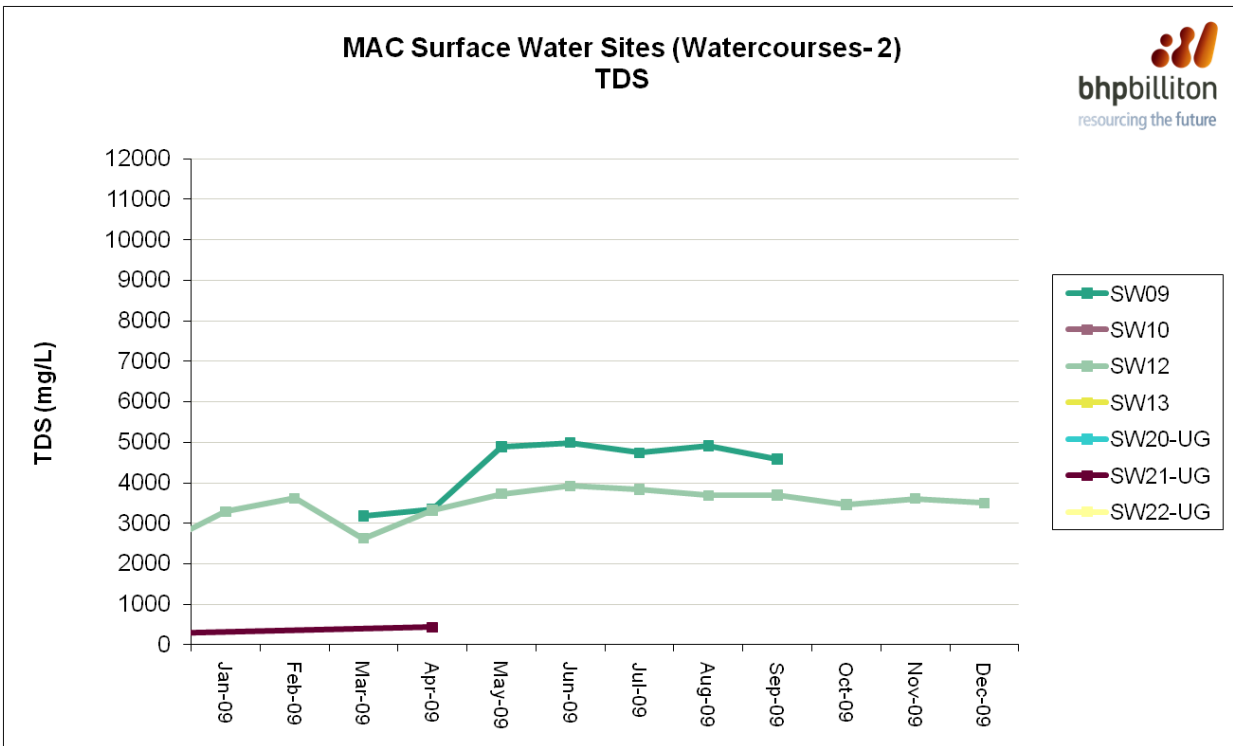
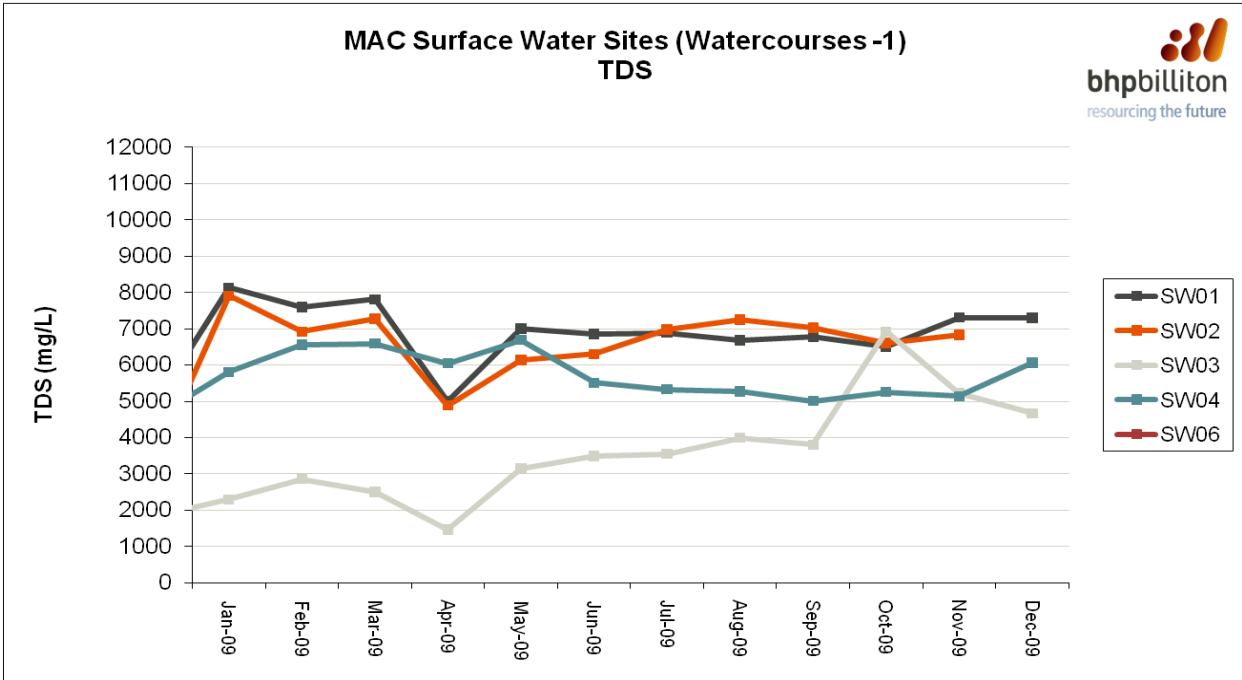


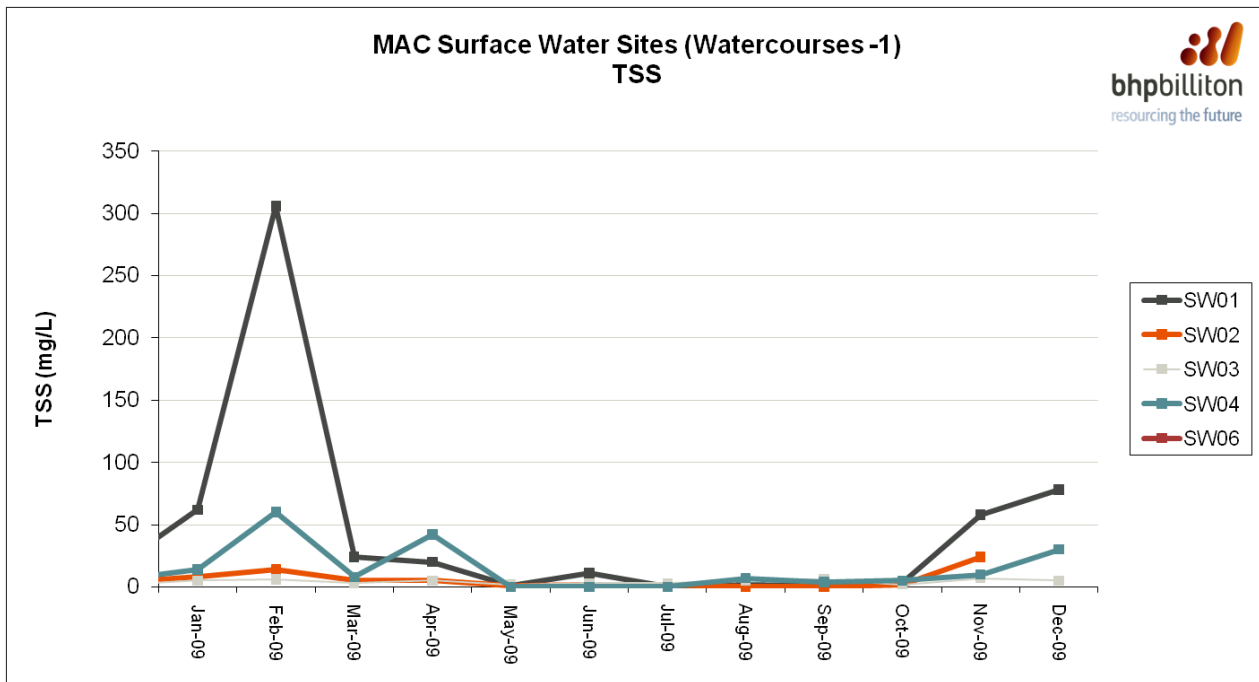
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### 3. Surface Water Data

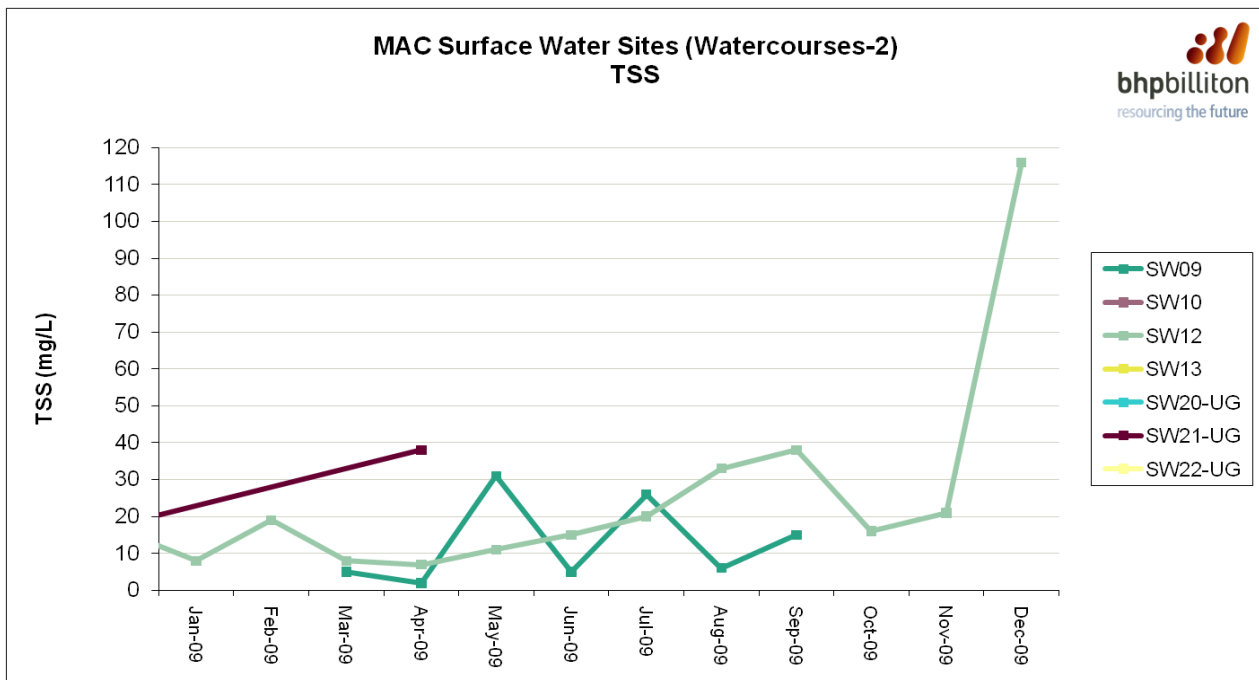






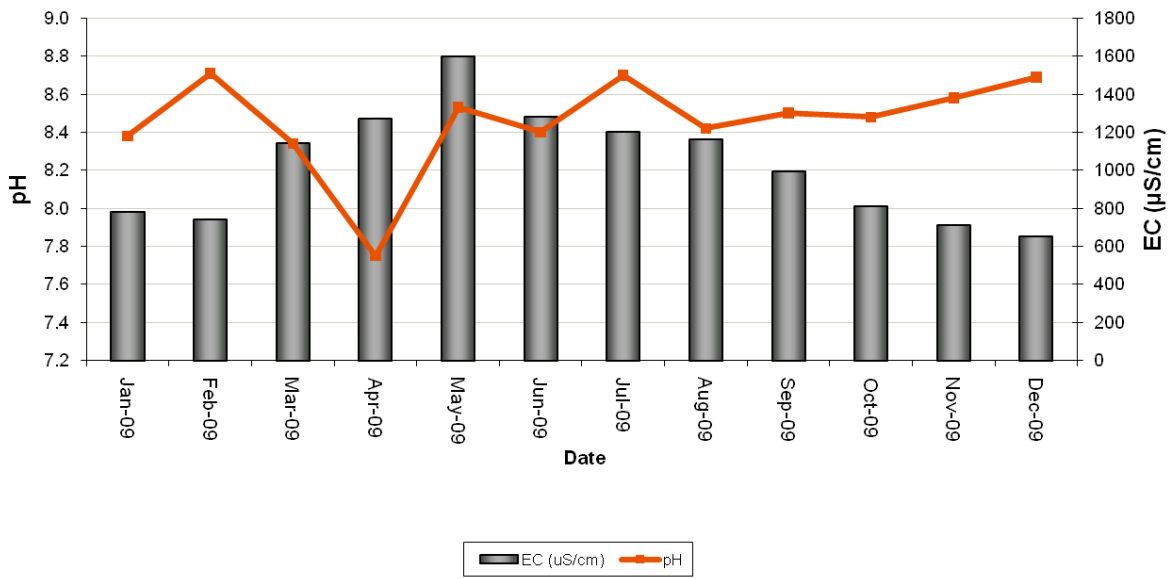


Significant decrease in water level contributed to increase in TSS results for SW1 and SW4 in December 2009.



Significant decrease in water level and presence of organic material in sample has contributed to sharp increase in TSS results for SW12 in December 2009.

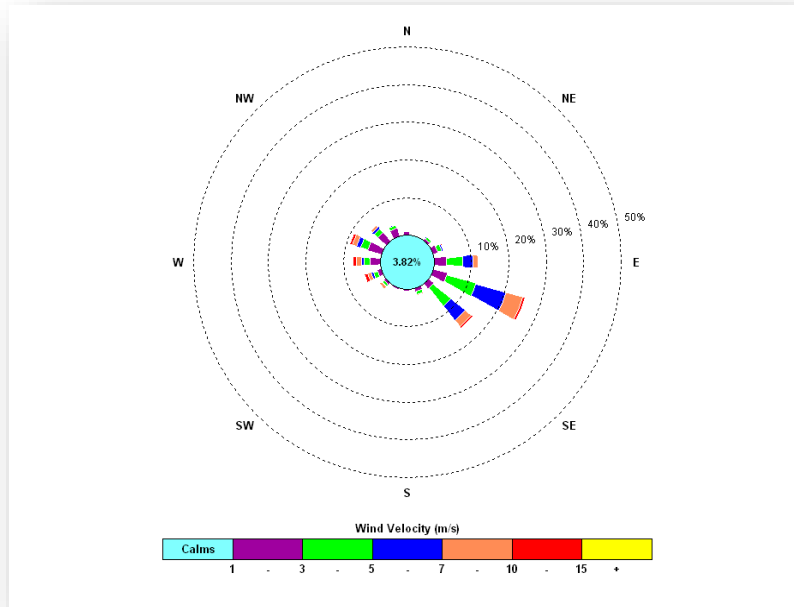
### SW16 - Environmental Dam (January 2009 - December 2009)





## 4. Weather Data – Monthly Windroses for Mt Arthur Coal Industrial Area Weather Station

### November



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### December

