

MT ARTHUR MINE COMPLEX
COMMUNITY CONSULTATIVE COMMITTEE MEETING

Wednesday 26th May, 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 |
| 4:15 | 7 Overview of Monitoring Systems | MAC |
| 4:25 | 8 Overview of Community Support | MAC |
| 4:30 | 9 Community Relations Plan Presentation | MAC |
| 5:00 | 10 General Business | MAC |
| 5:10 | 11 Next Meeting Date | Chairperson |
| 5:15 | 12 Meeting Close | Chairperson |

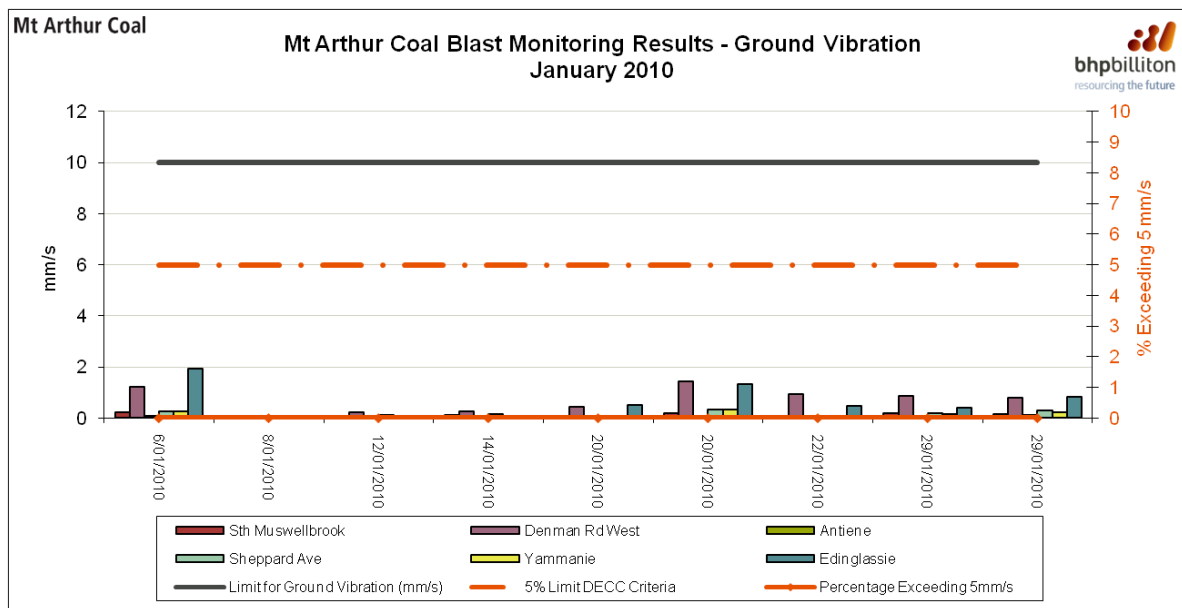
Environmental Monitoring Data (January – April 2010)

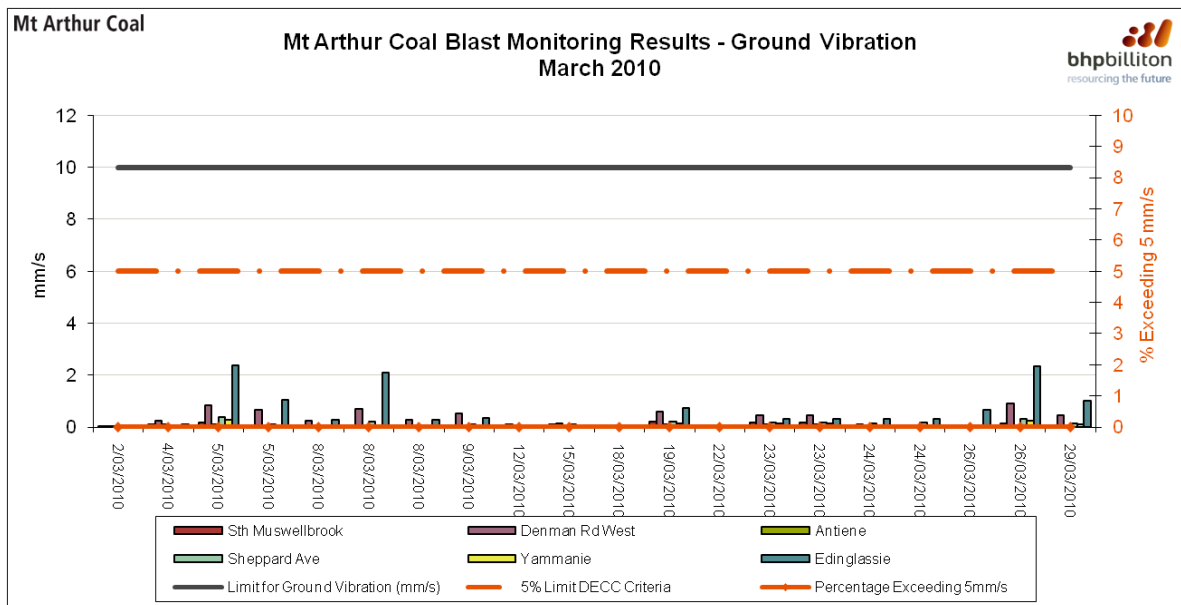
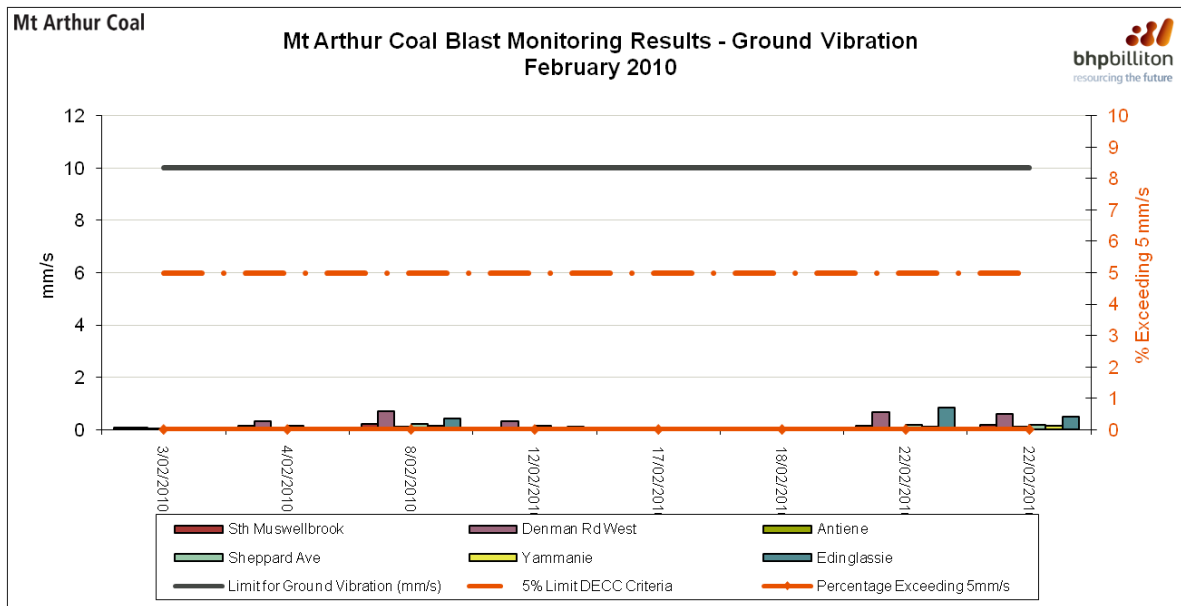
This monitoring data is provided for your perusal prior to the meeting. We will discuss any exceedances or elevated results since the last meeting or by exception only.

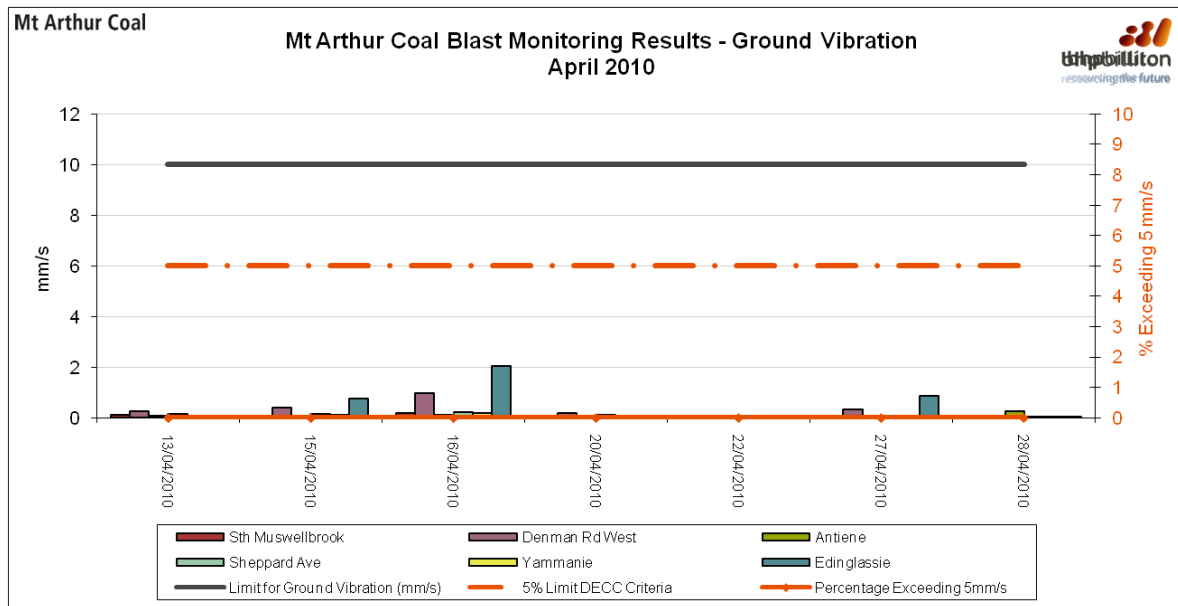
1. Blasting Data (January – April 2010)

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

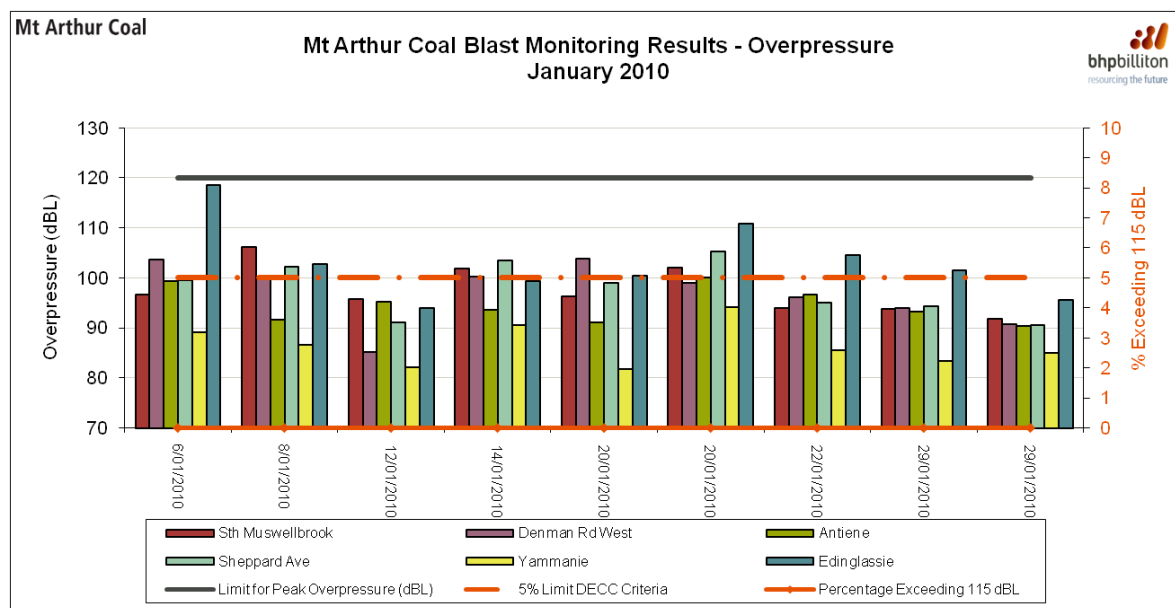
Ground Vibration

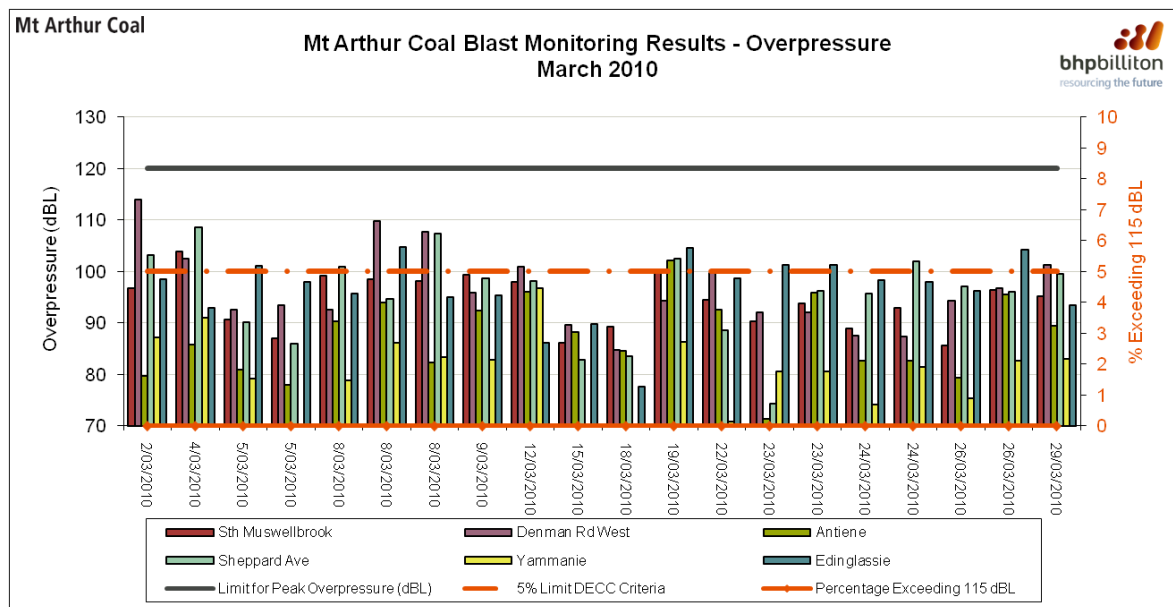
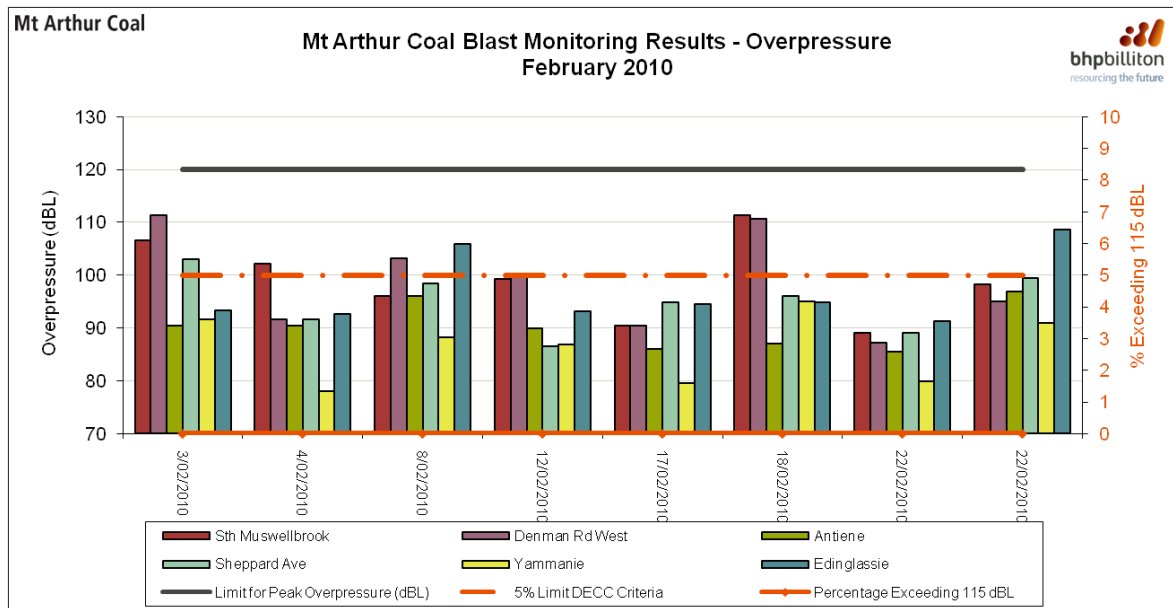


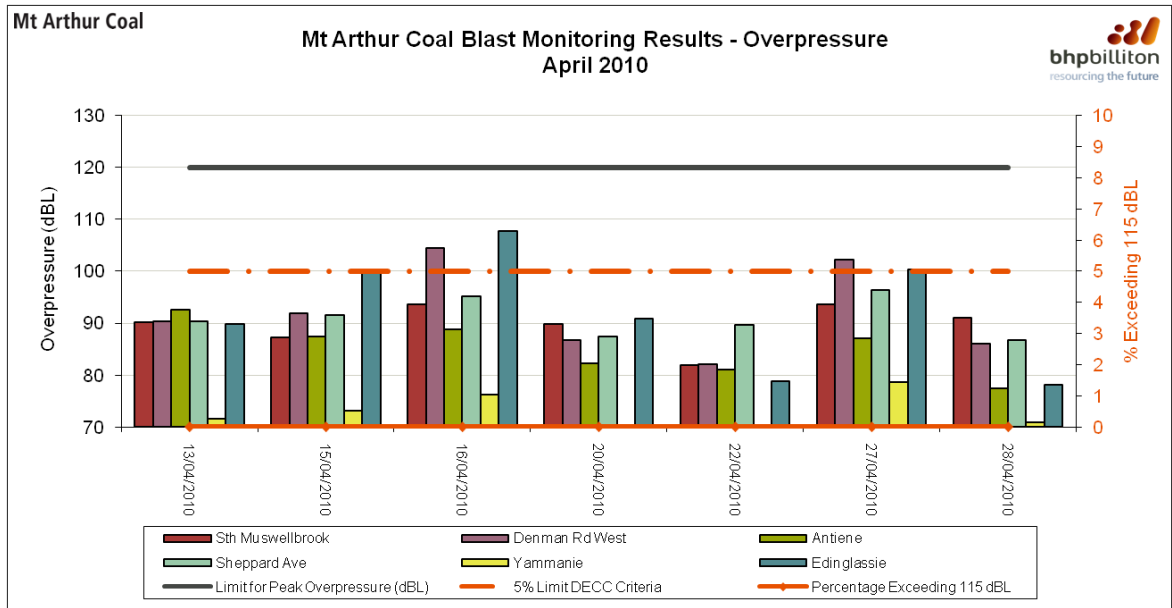




Overpressure

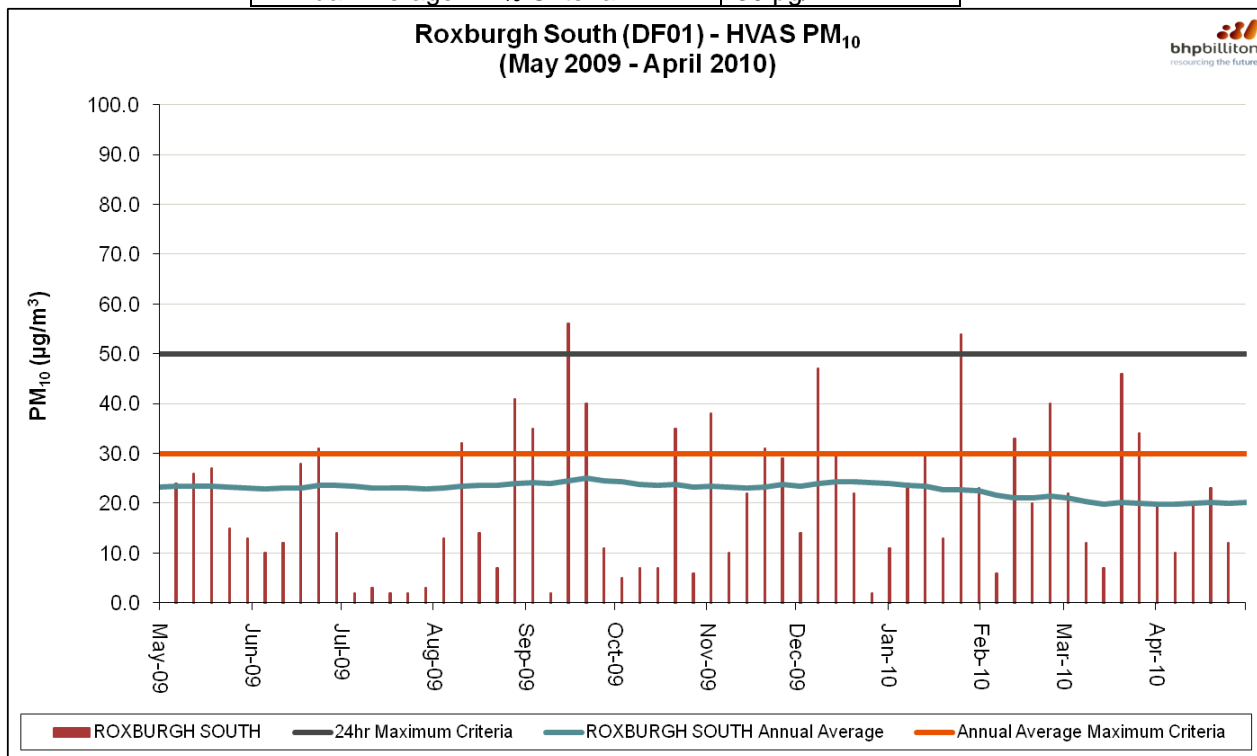




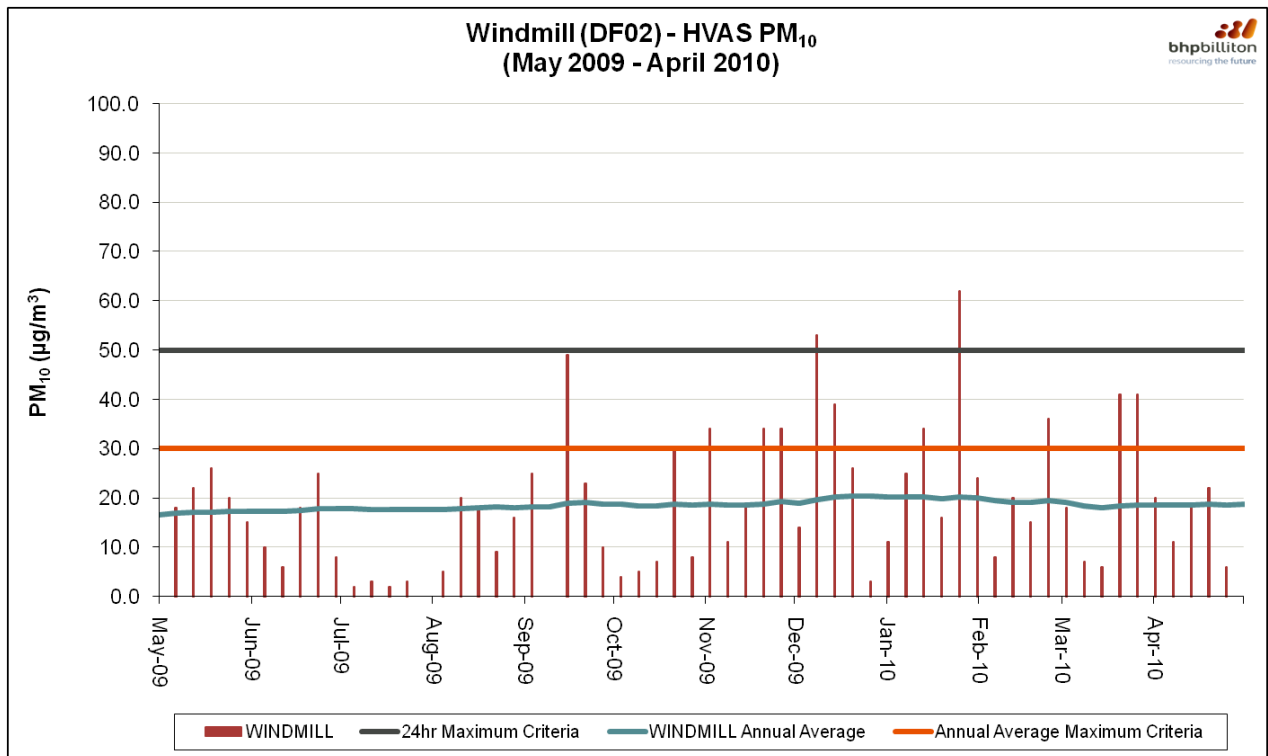


2. HVAS Data (January – April 2010)

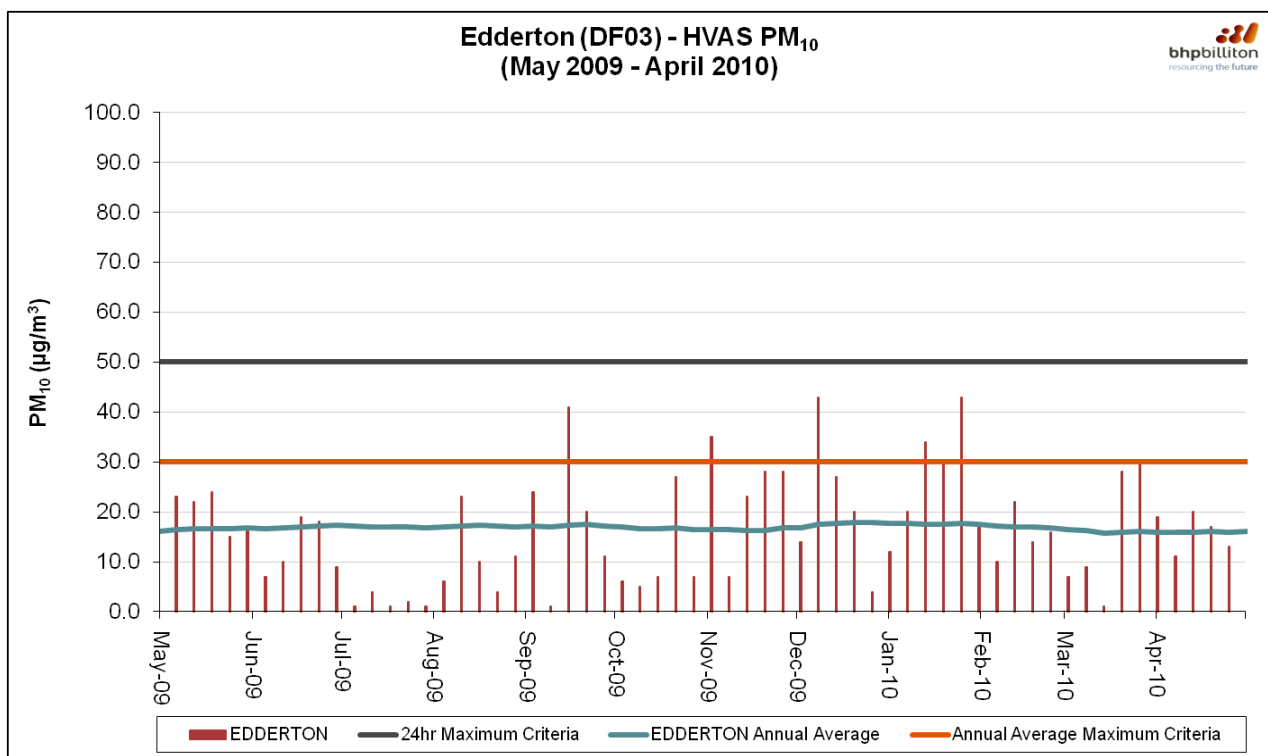
| | |
|--|----------------------|
| 24 hr PM ₁₀ Criteria | 50 µg/m ³ |
| Annual Average PM ₁₀ Criteria | 30 µg/m ³ |

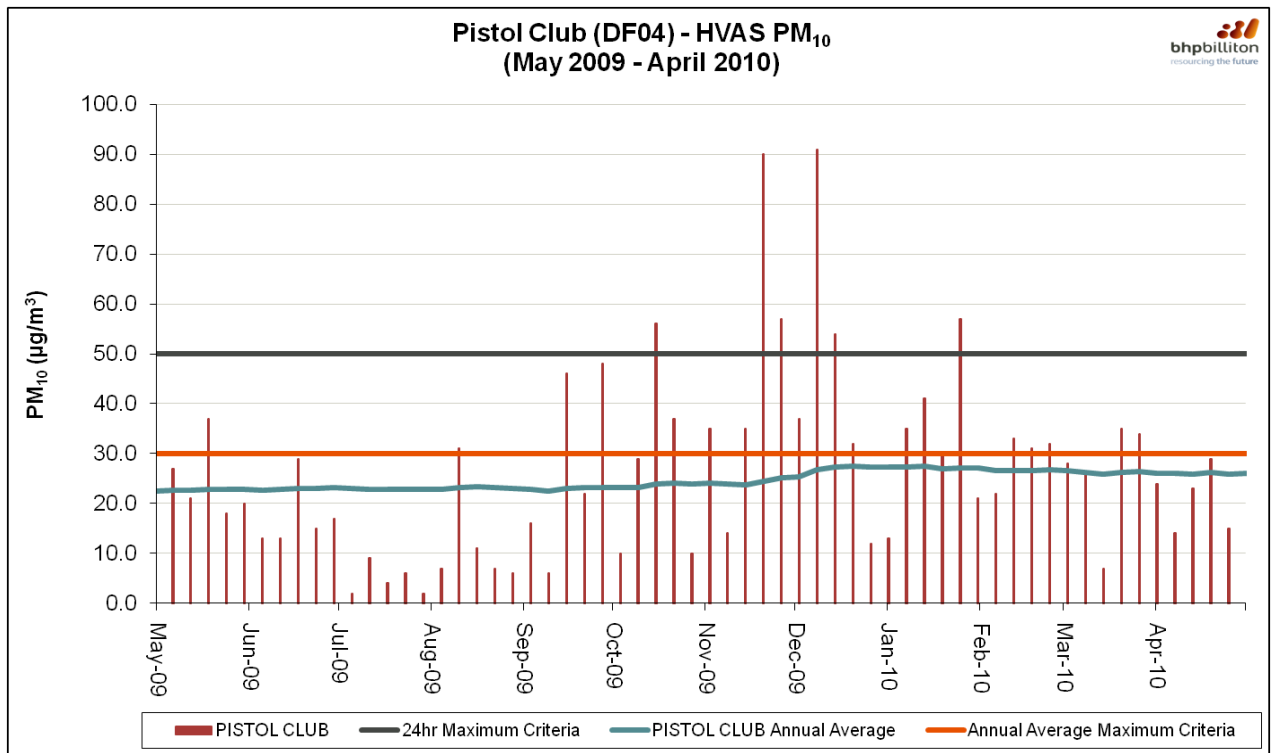


25/01/2010 – Investigation revealed that the prominent wind direction for the day was from the east. Using upwind – downwind methodology and Edderton as the upwind monitor, Mt Arthur Coals contribution was determined to be 11 µg/m³ for the 24 hour period.

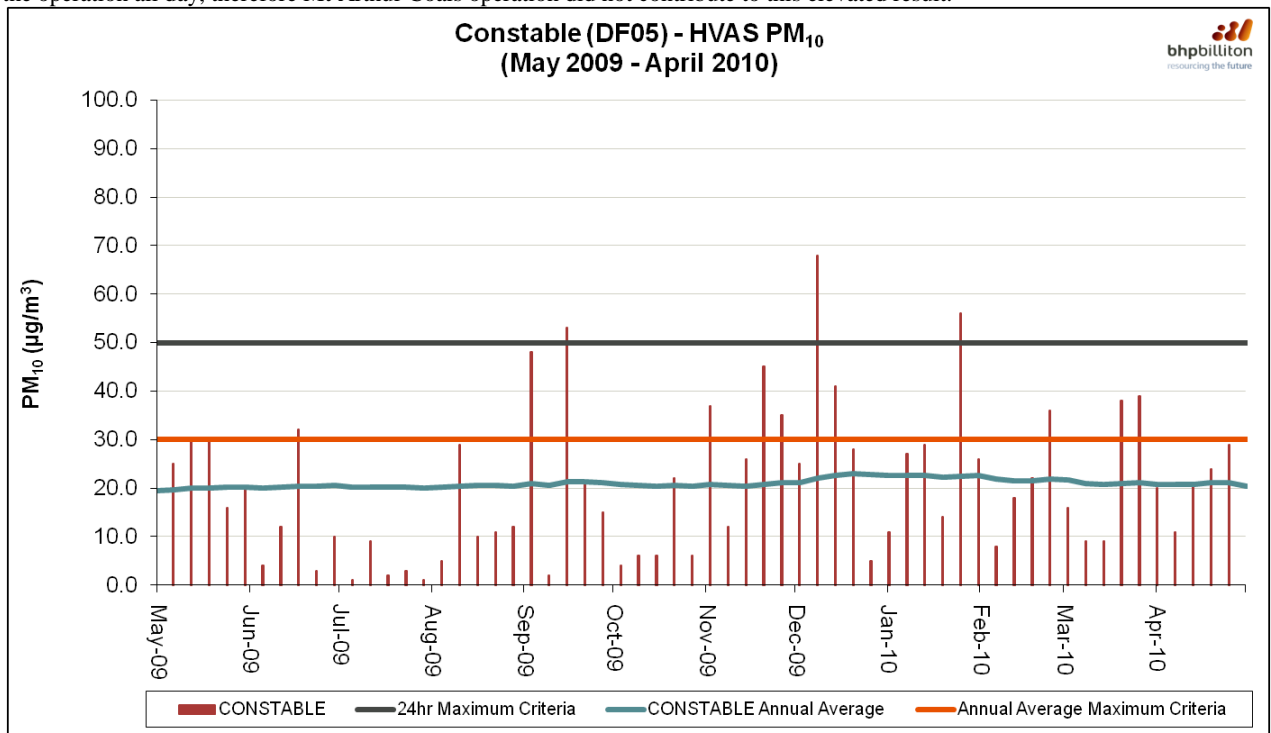


25/01/2010 – Investigation revealed that the prominent wind direction for the day was from the east. Using upwind – downwind methodology and Edderton as the upwind monitor, Mt Arthur Coals contribution was determined to be 19 µg/m³ for the 24 hour period.

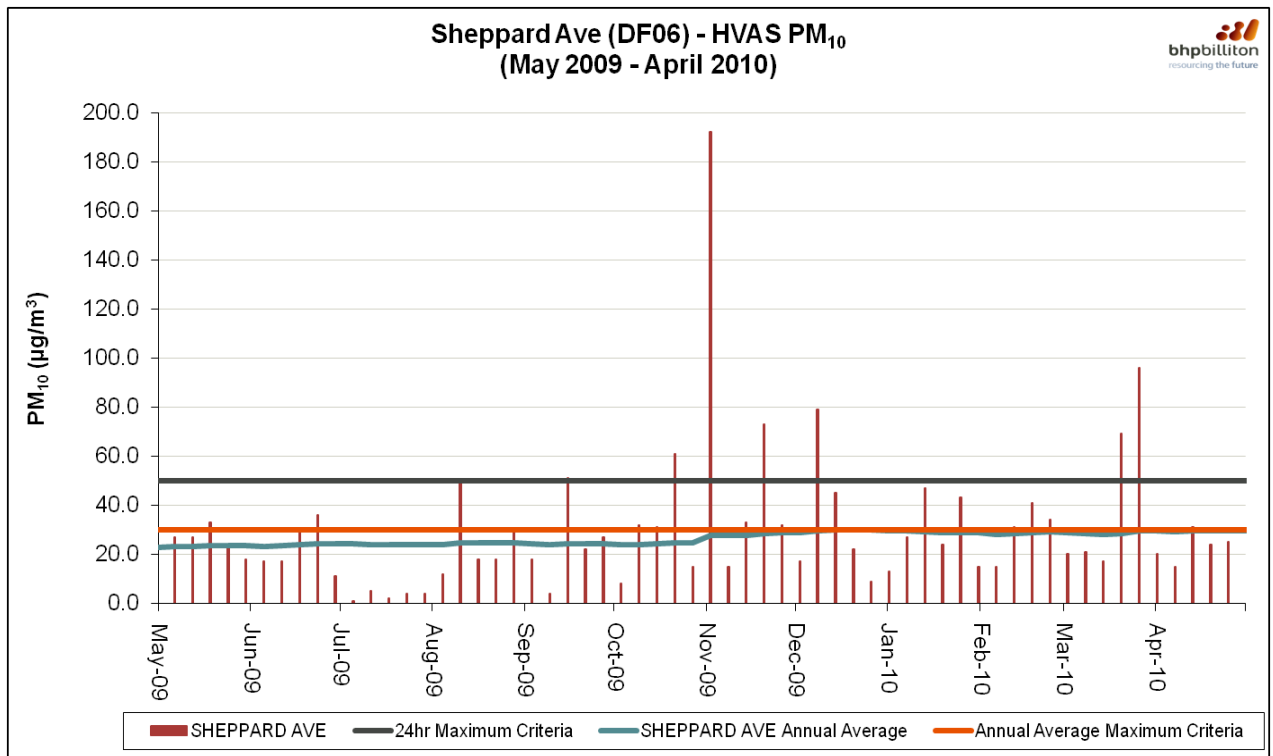




25/01/2010 – Investigation revealed that the prominent wind direction for the day was from the east. This monitor was upwind of the operation all day, therefore Mt Arthur Coals operation did not contribute to this elevated result.

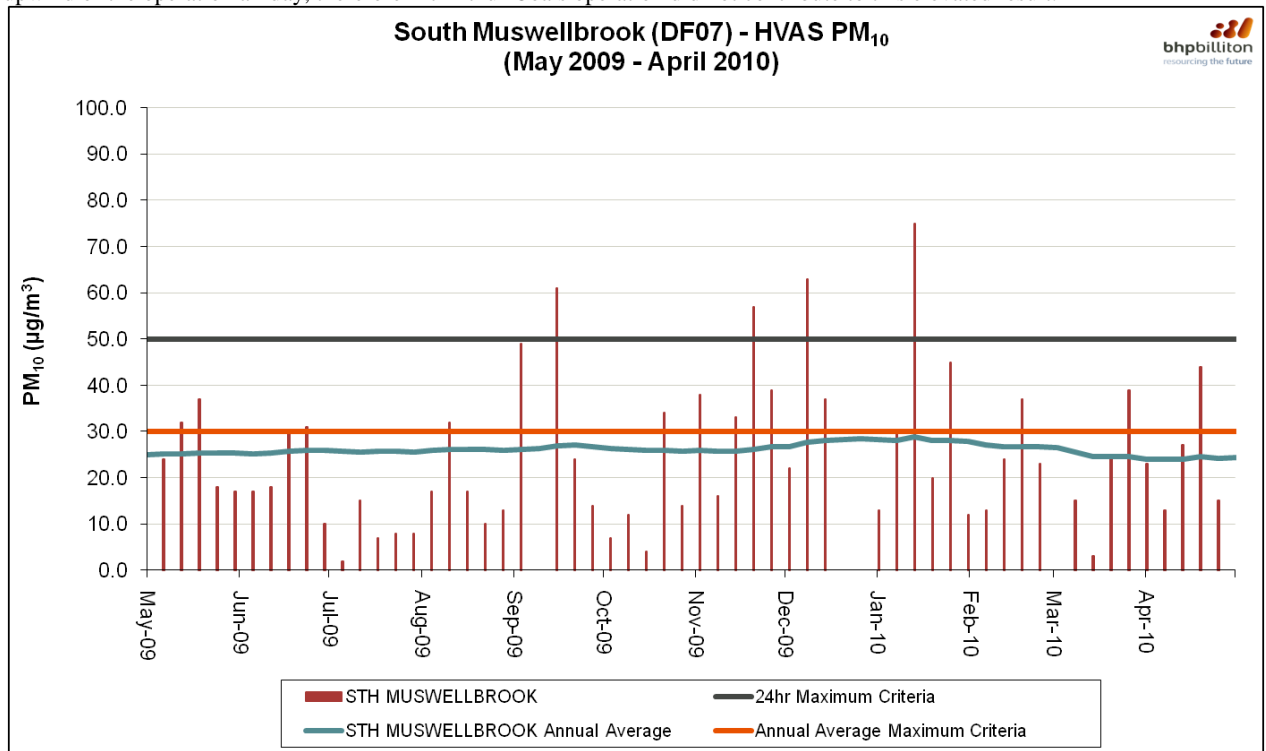


25/01/2010 – Investigation revealed that the prominent wind direction for the day was from the east. Using upwind – downwind methodology and Edderton as the upwind monitor, Mt Arthur Coals contribution was determined to be 13 µg/m³ for the 24 hour period.

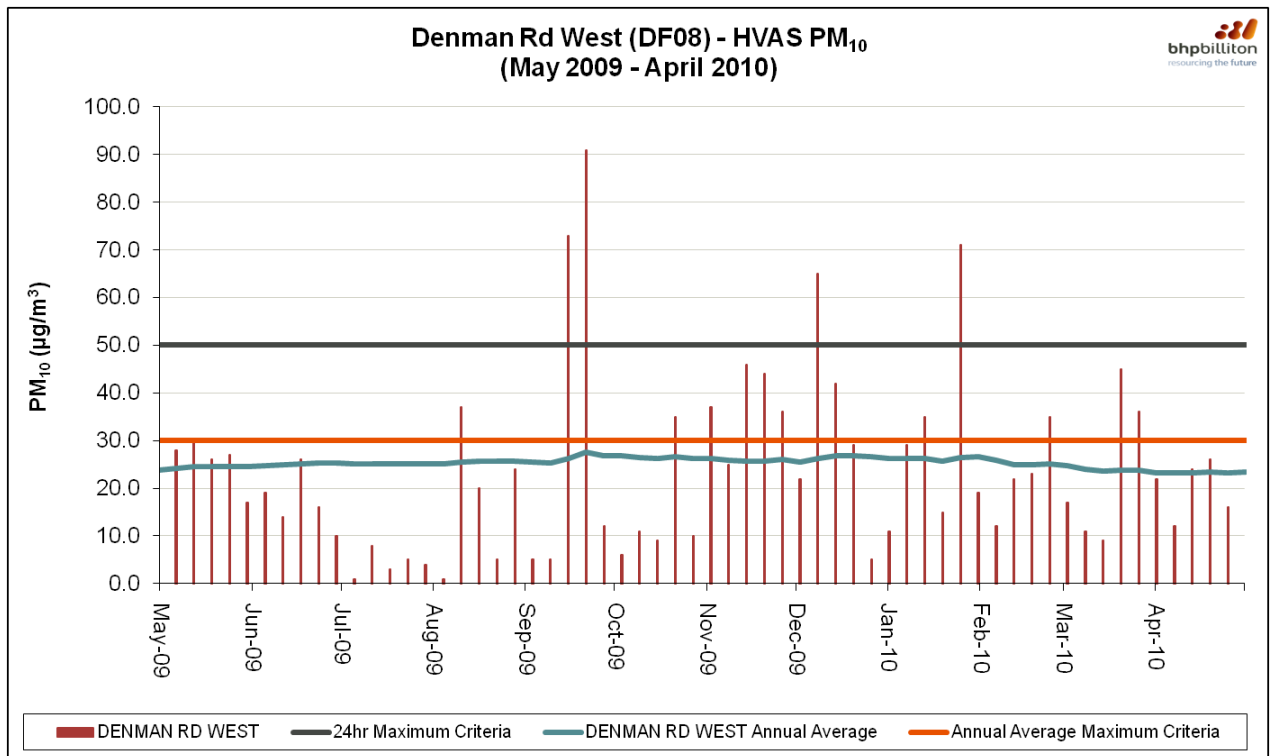


20/03/2010 – Investigation revealed that the prominent wind direction for the day was from the north west. This monitor was upwind of the operation all day, therefore Mt Arthur Coals operation did not contribute to this elevated result.

26/03/2010 – Investigation revealed that the prominent wind direction for the day was from the north west. This monitor was upwind of the operation all day, therefore Mt Arthur Coals operation did not contribute to this elevated result.

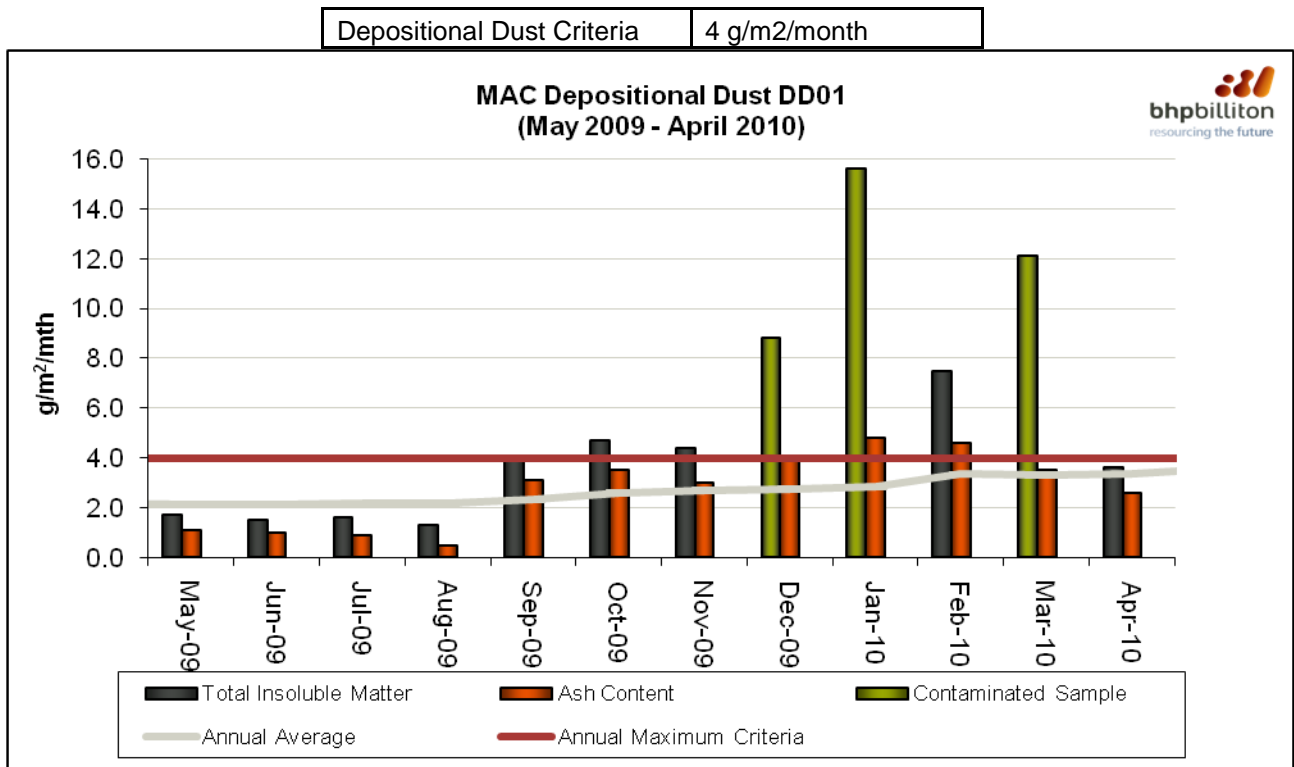


13/01/2010 – Investigation revealed that the prominent wind direction for the day was from the north west. This monitor was upwind of the operation all day, therefore Mt Arthur Coals operation did not contribute to this elevated result.



25/01/2010 – Investigation revealed that the prominent wind direction for the day was from the east. Using upwind – downwind methodology and Pistol Club as the upwind monitor, Mt Arthur Coals contribution was determined to be 14 µg/m³ for the 24 hour period.

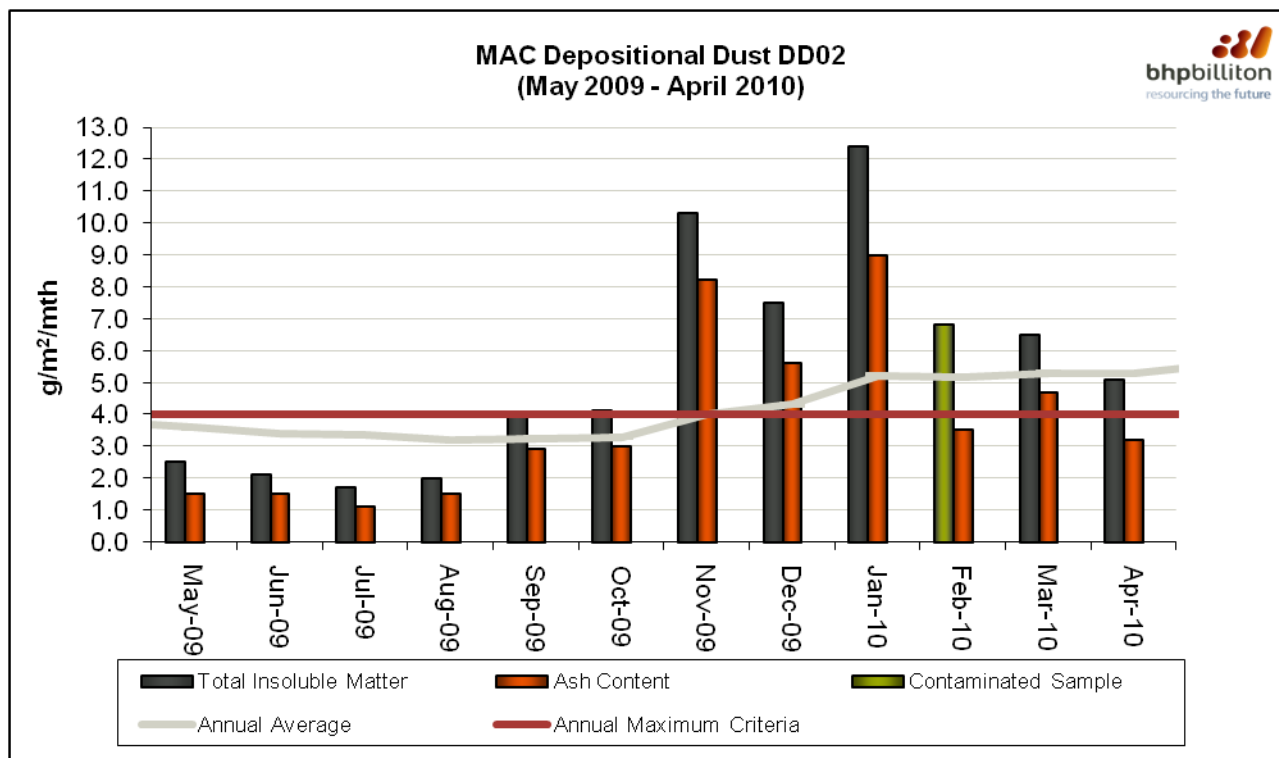
3. Depositional Dust Data (January – April 2010)



January – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

February – Investigation revealed that predominant wind direction was from the south east. This depositional dust gauge is to the east of the operation therefore Mt Arthur Coals activities did not influence this elevated result.

March - Independent monitoring contractor determined that the sample was contaminated with plant material, therefore excluded from the results.

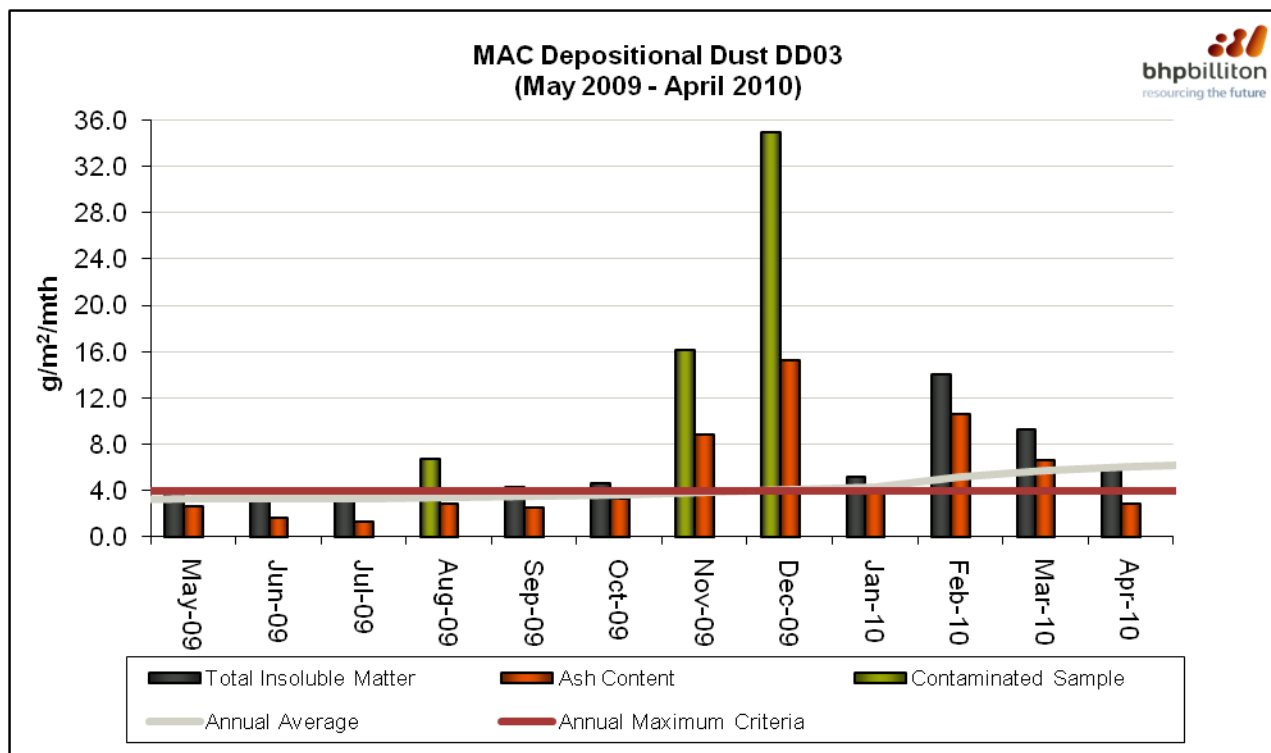


January – Investigation revealed that predominant wind direction was from the south east. This depositional dust gauge is to the east of the operation therefore Mt Arthur Coals activities did not influence this elevated result.

February – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

March - Investigation revealed that predominant wind direction was from the south east. This depositional dust gauge is to the east of the operation therefore Mt Arthur Coals activities did not influence this elevated result.

April - Investigation revealed that predominant wind direction was from the north west. Using upwind/downwind methodology and DD17 as the upwind monitor, it was determined that Mt Arthur Coals contribution for the month was approximately 2.9 $\mu\text{g}/\text{m}^2/\text{month}$.

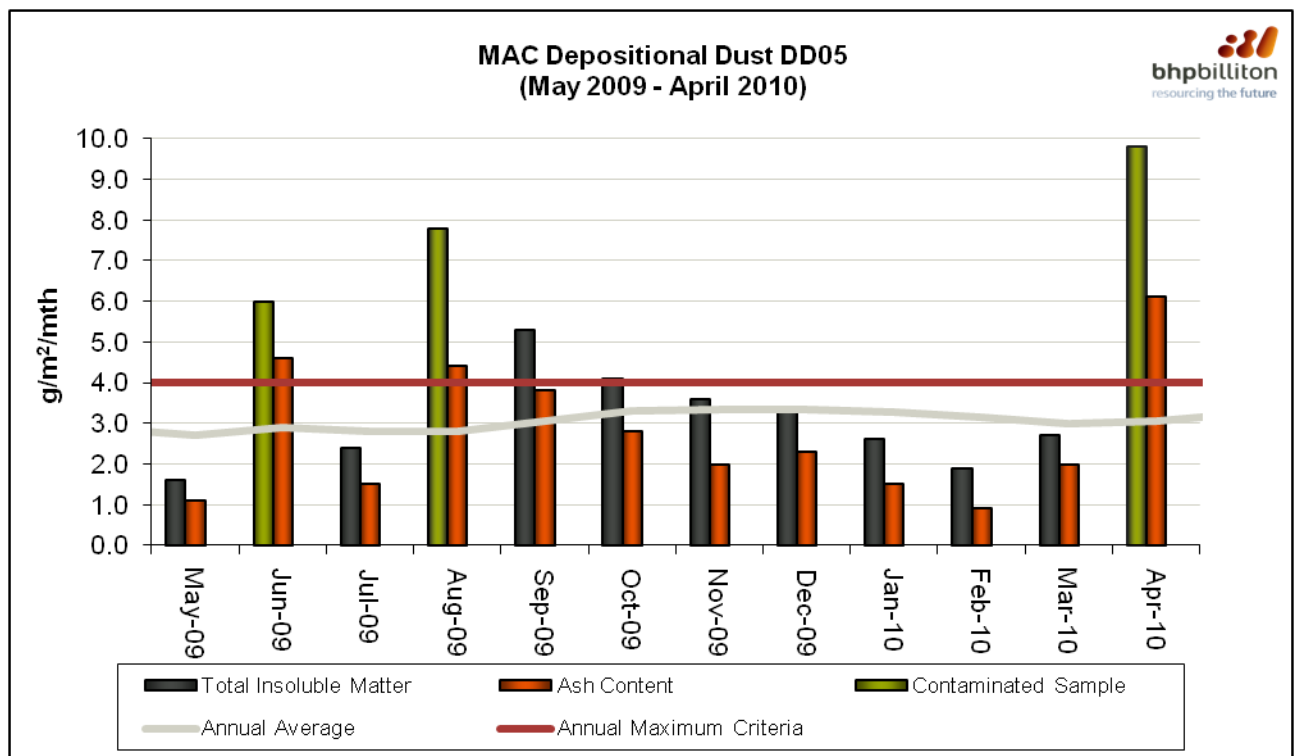
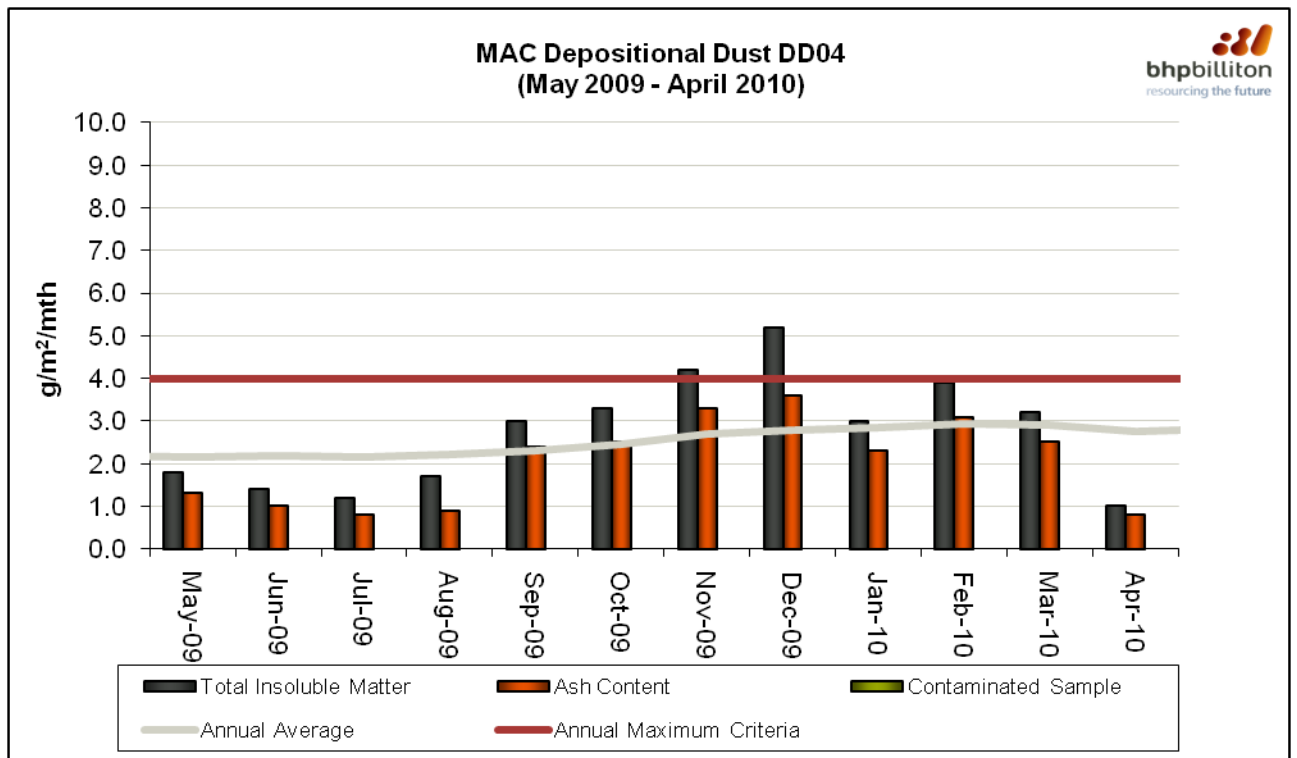


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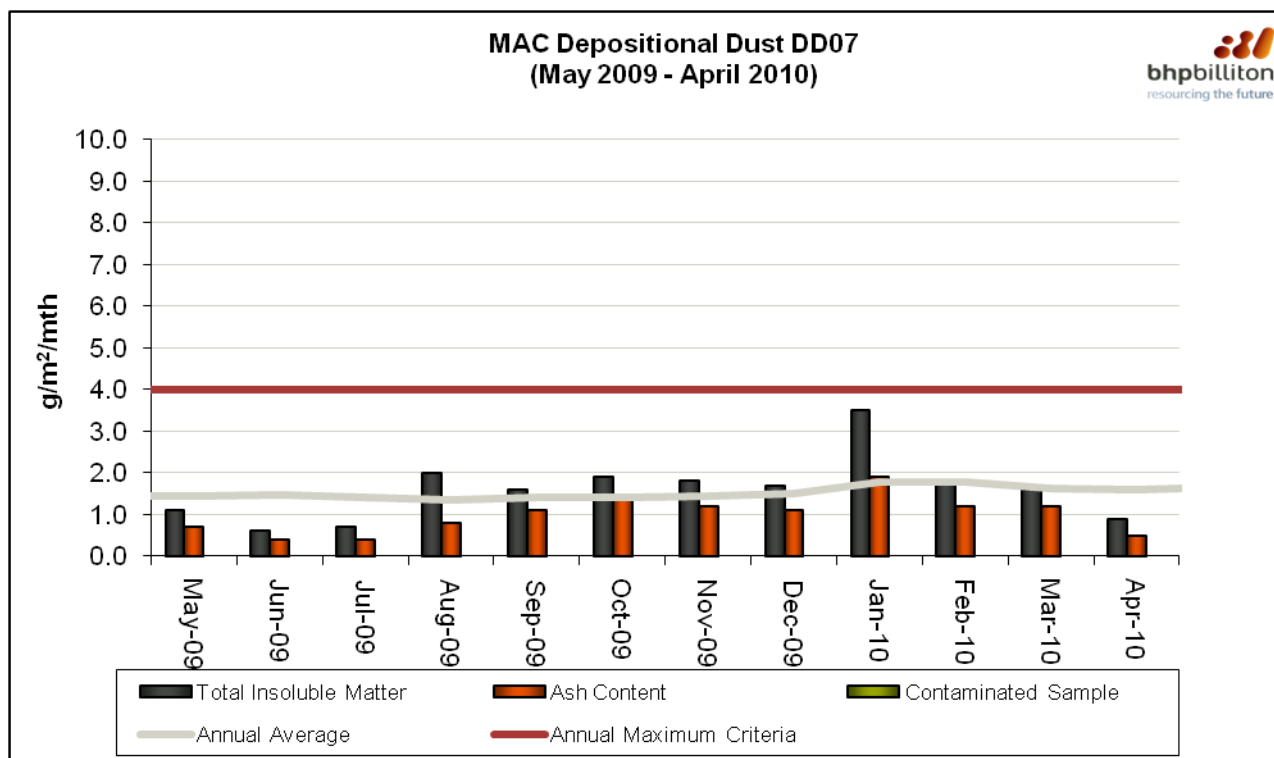
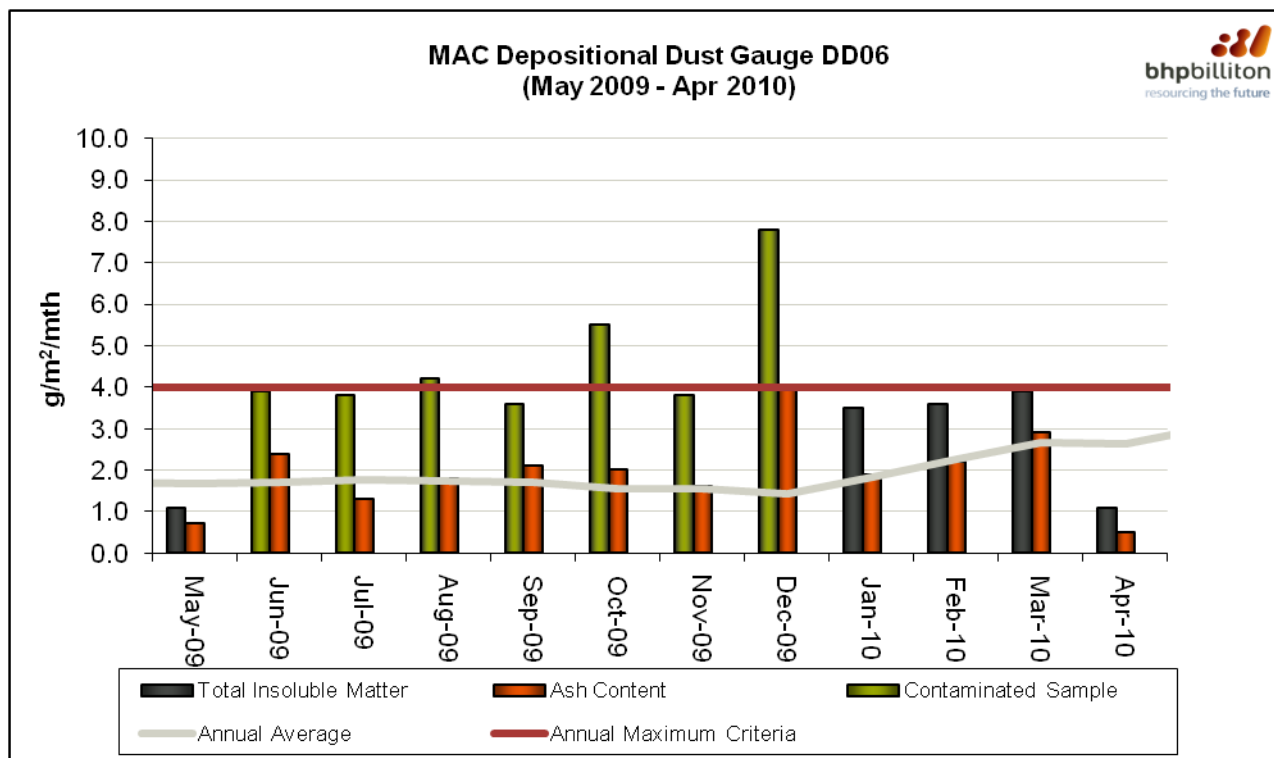
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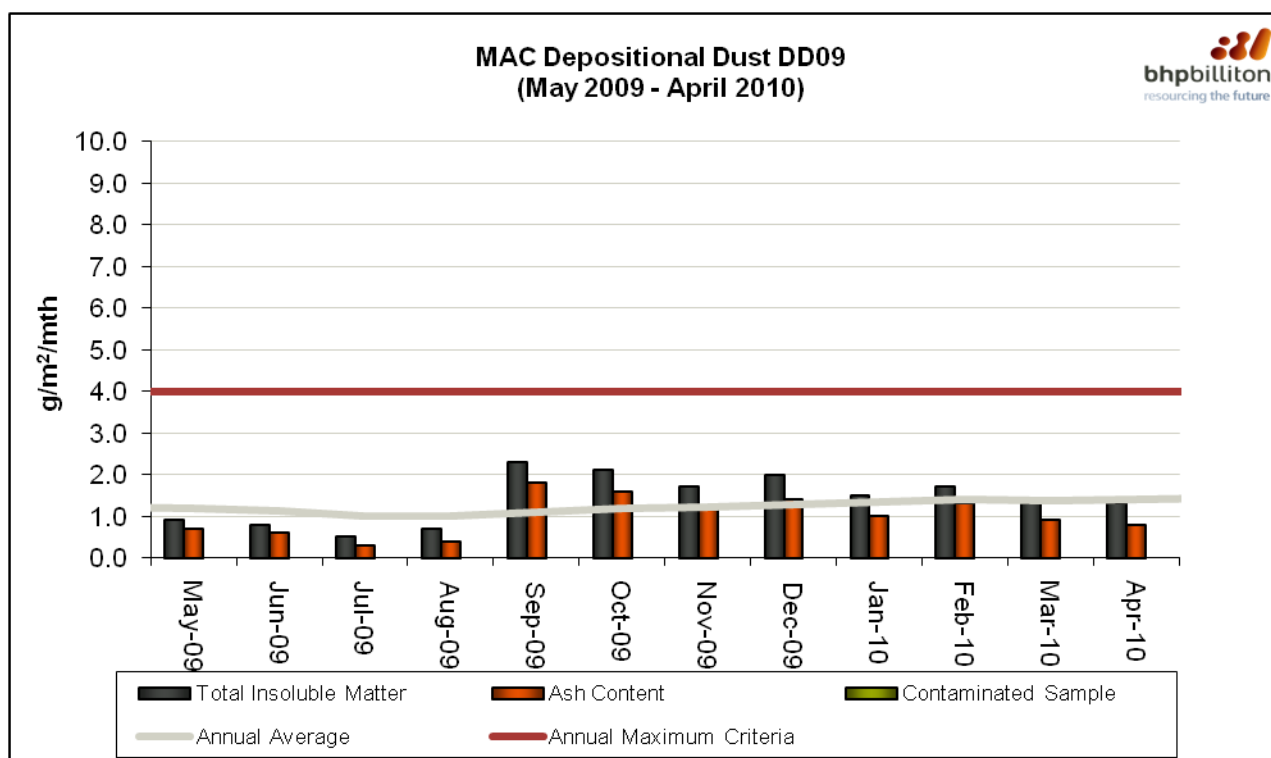
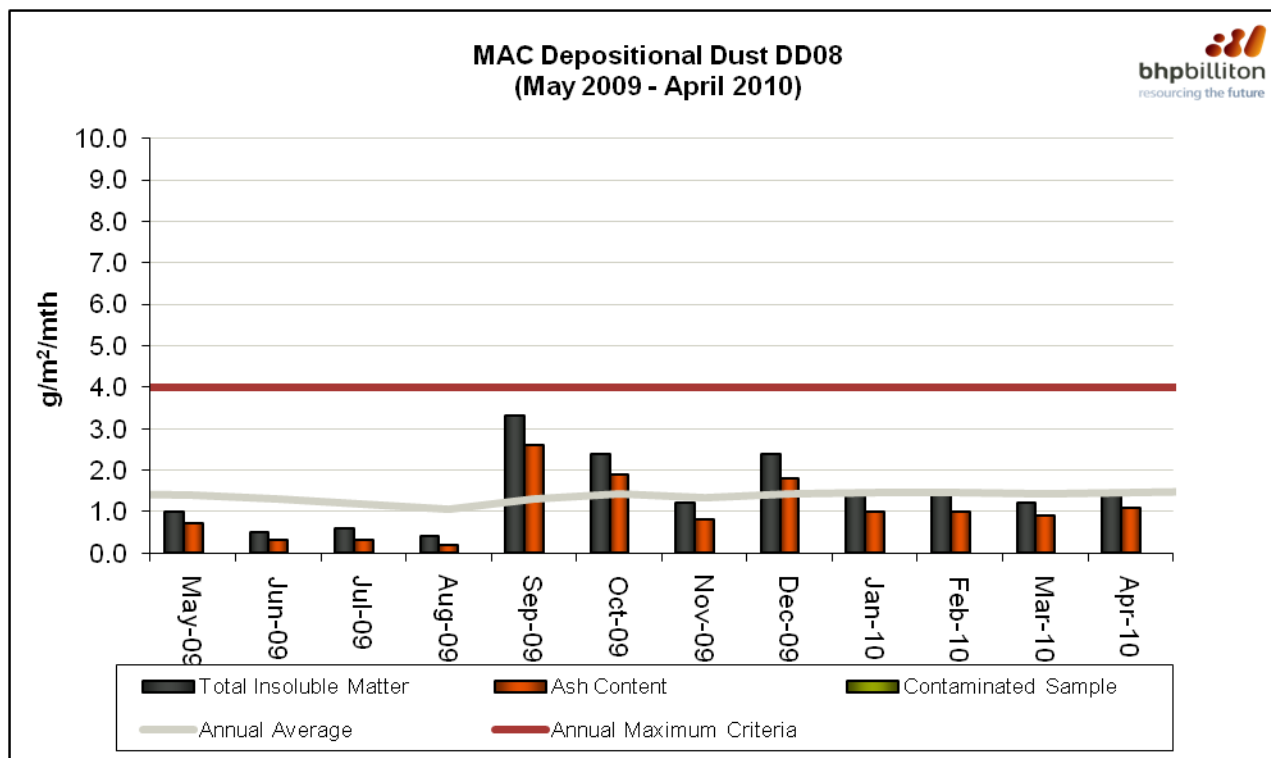
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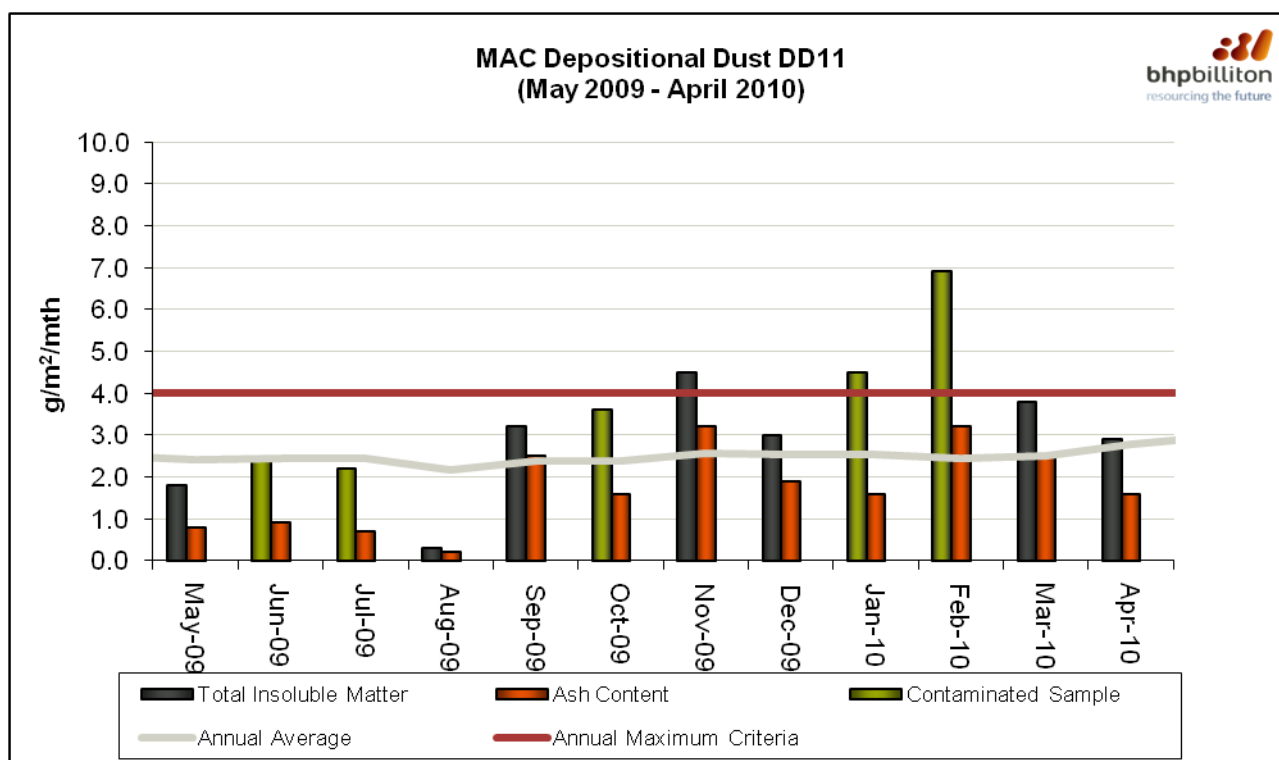
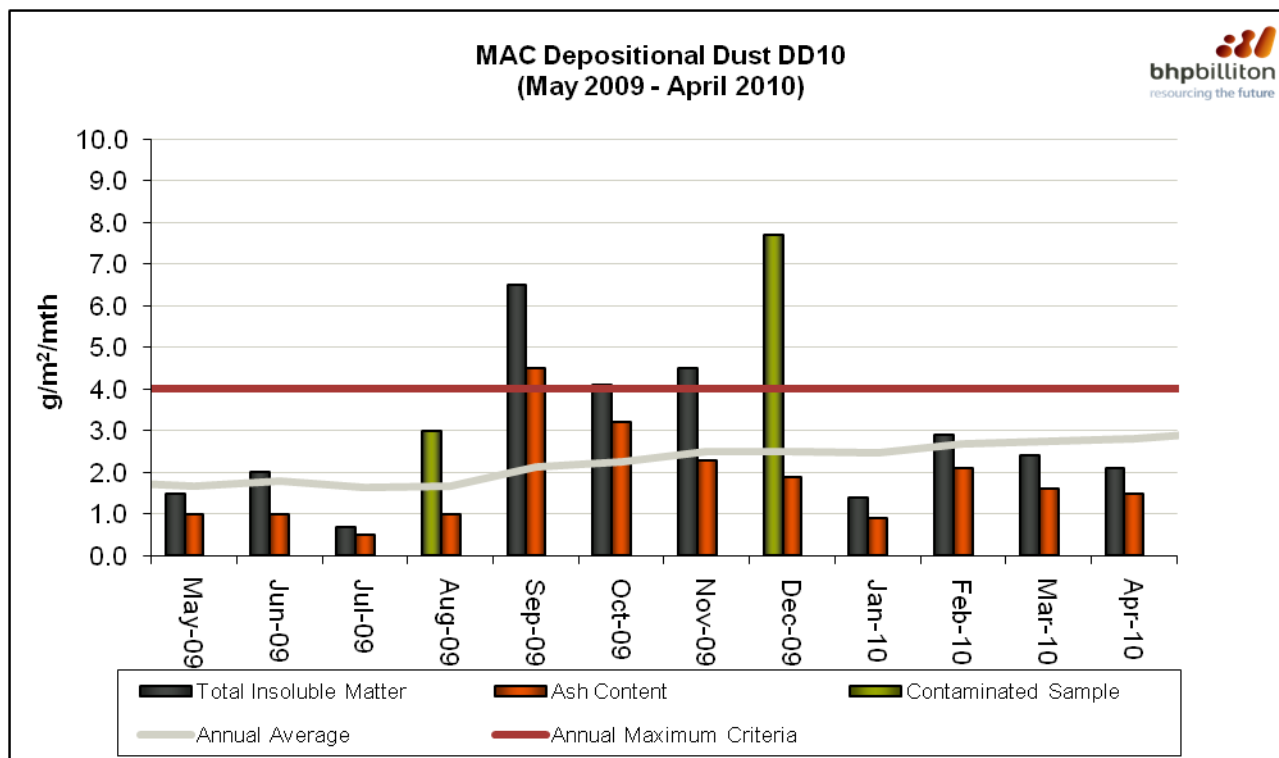
April - Investigation revealed that predominant wind direction was from the north west. Using upwind/downwind methodology and DD17 as the upwind monitor, it was determined that Mt Arthur Coals contribution for the month was approximately 3.6 $\mu\text{g}/\text{m}^2/\text{month}$.



April – Independent monitoring contractor determined that the sample was contaminated with bird droppings and vegetation, therefore excluded from the results.

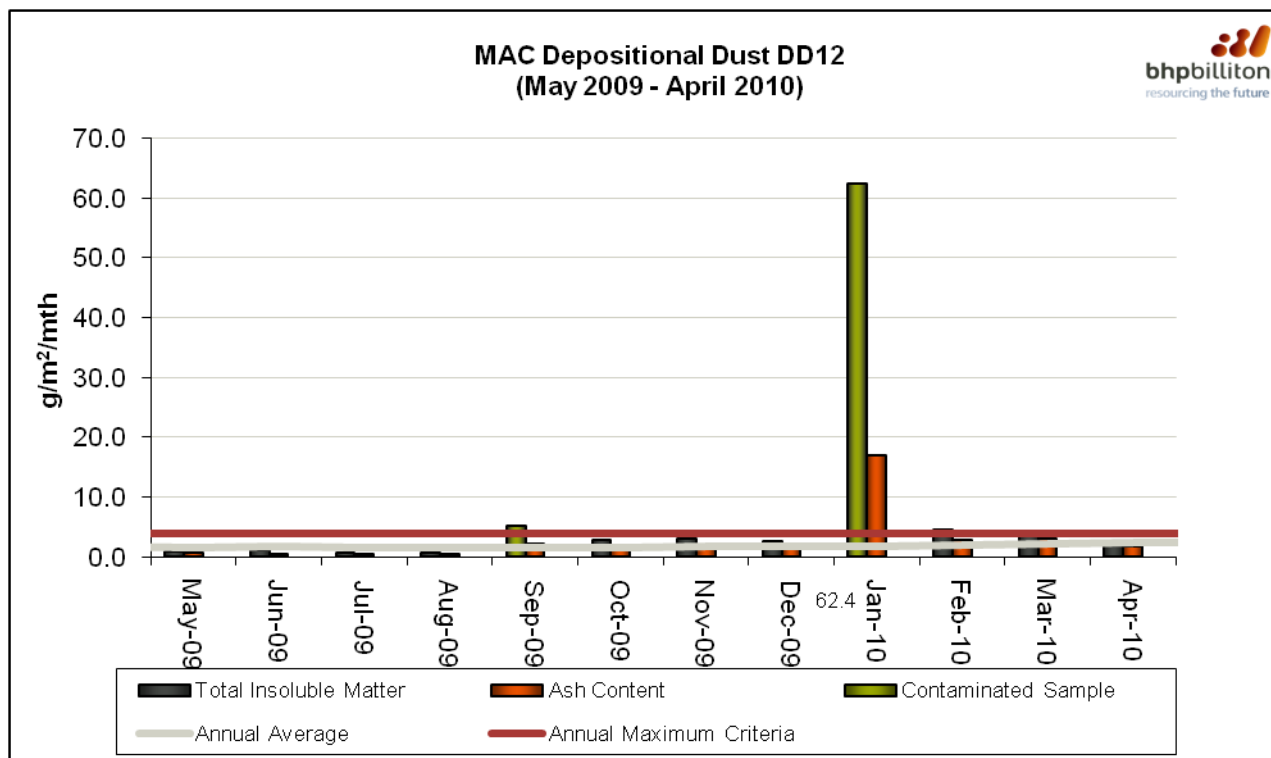






January – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

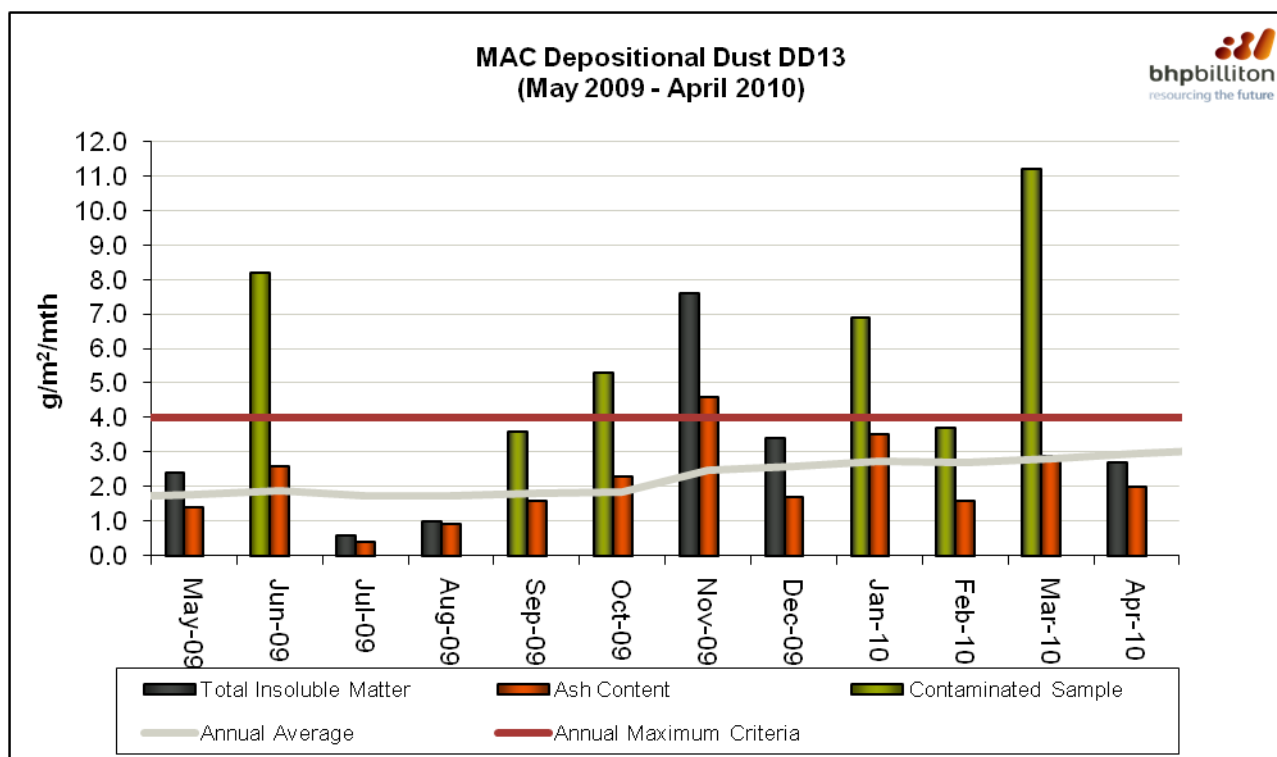
February – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.



January – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

February – Investigation revealed that predominant wind direction was from the south east. Using Upwind/downwind methodology and DD06 as the upwind monitor, it was determined that Mt Arthur Coals contribution for the month was approximately 0.7 $\mu\text{g}/\text{m}^2/\text{month}$.

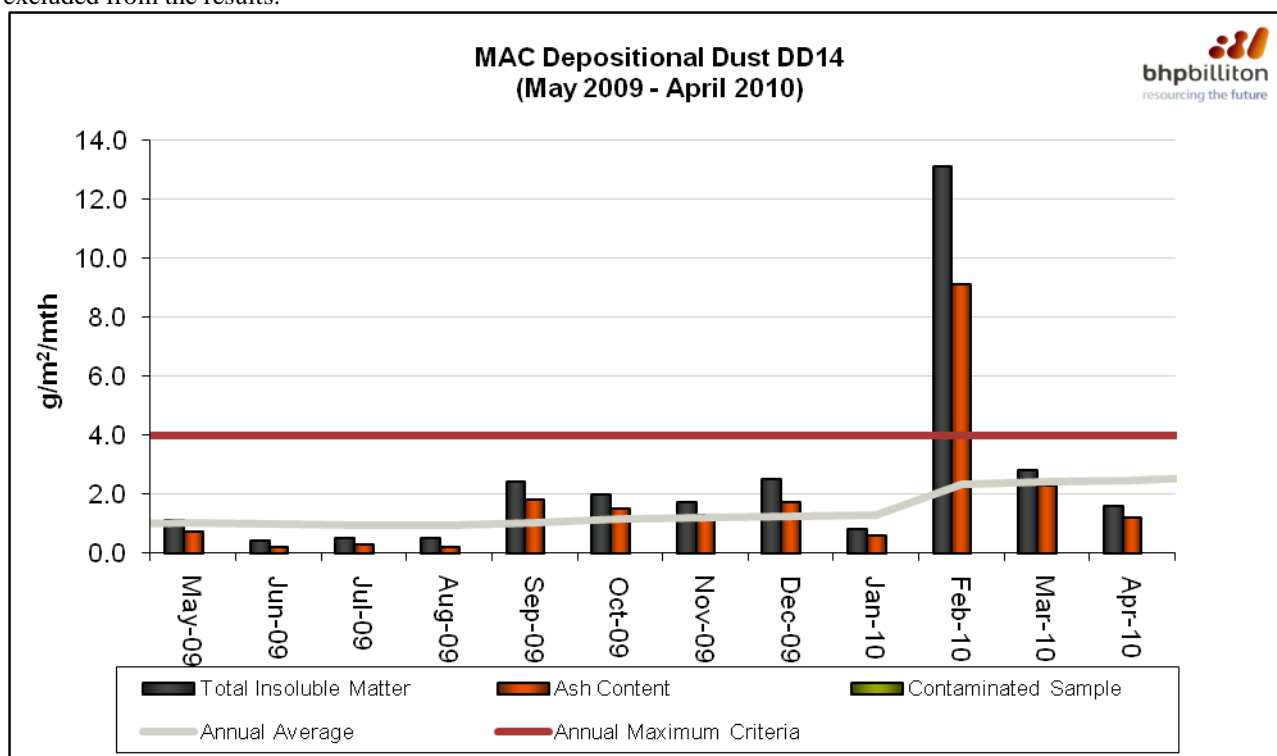
March – Independent monitoring contractor determined that the sample was contaminated with bird droppings and insects, therefore excluded from the results.



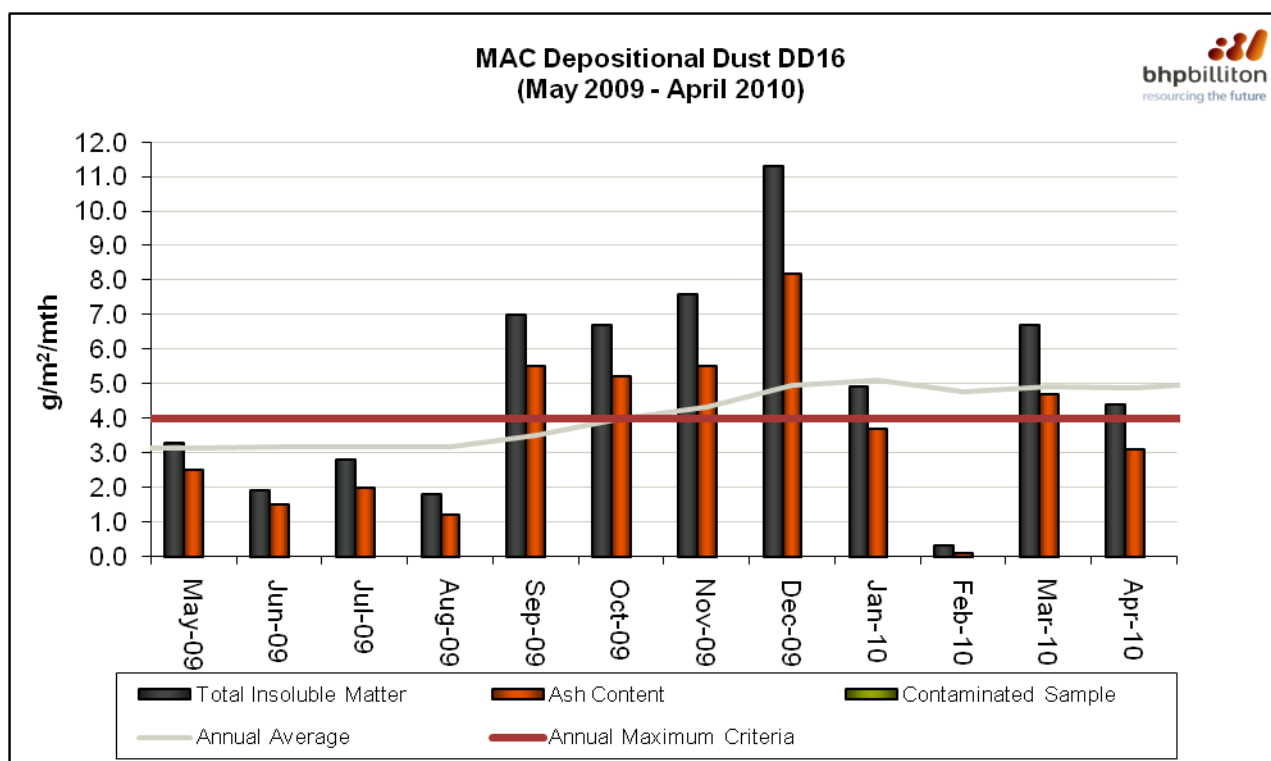
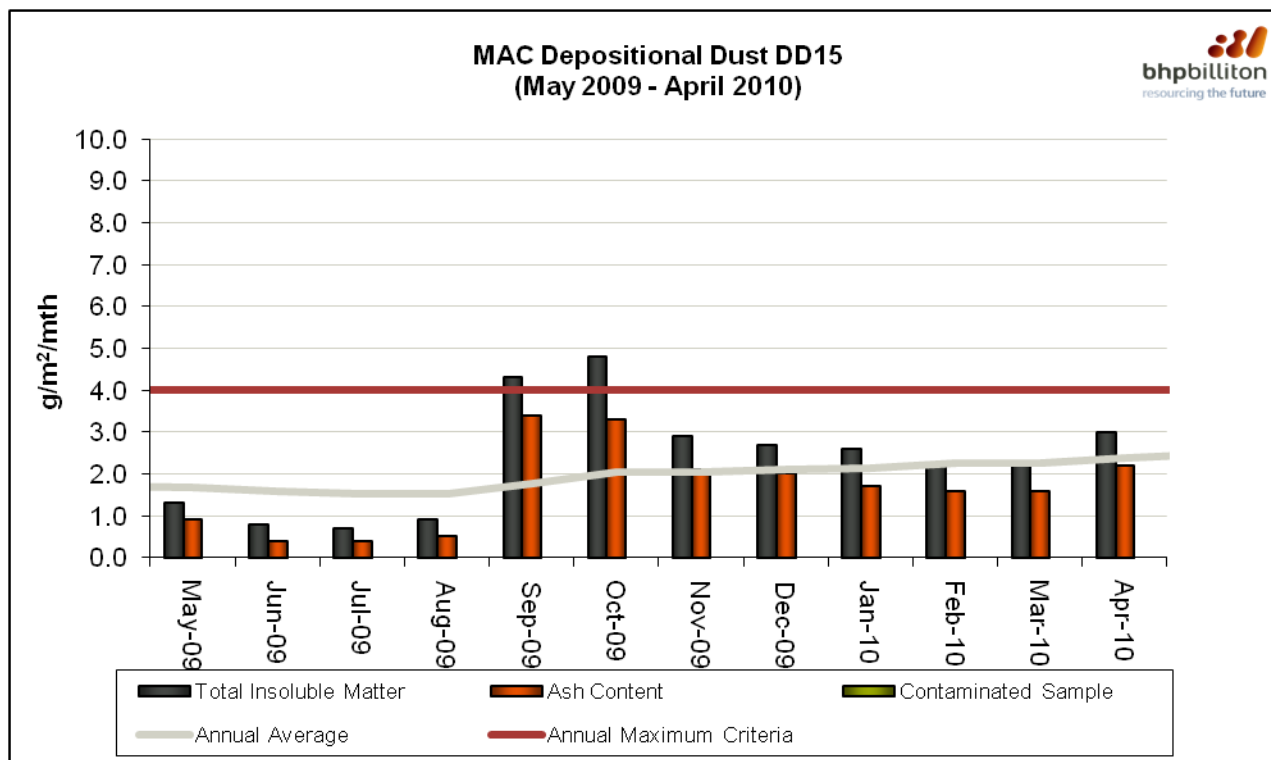
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February – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

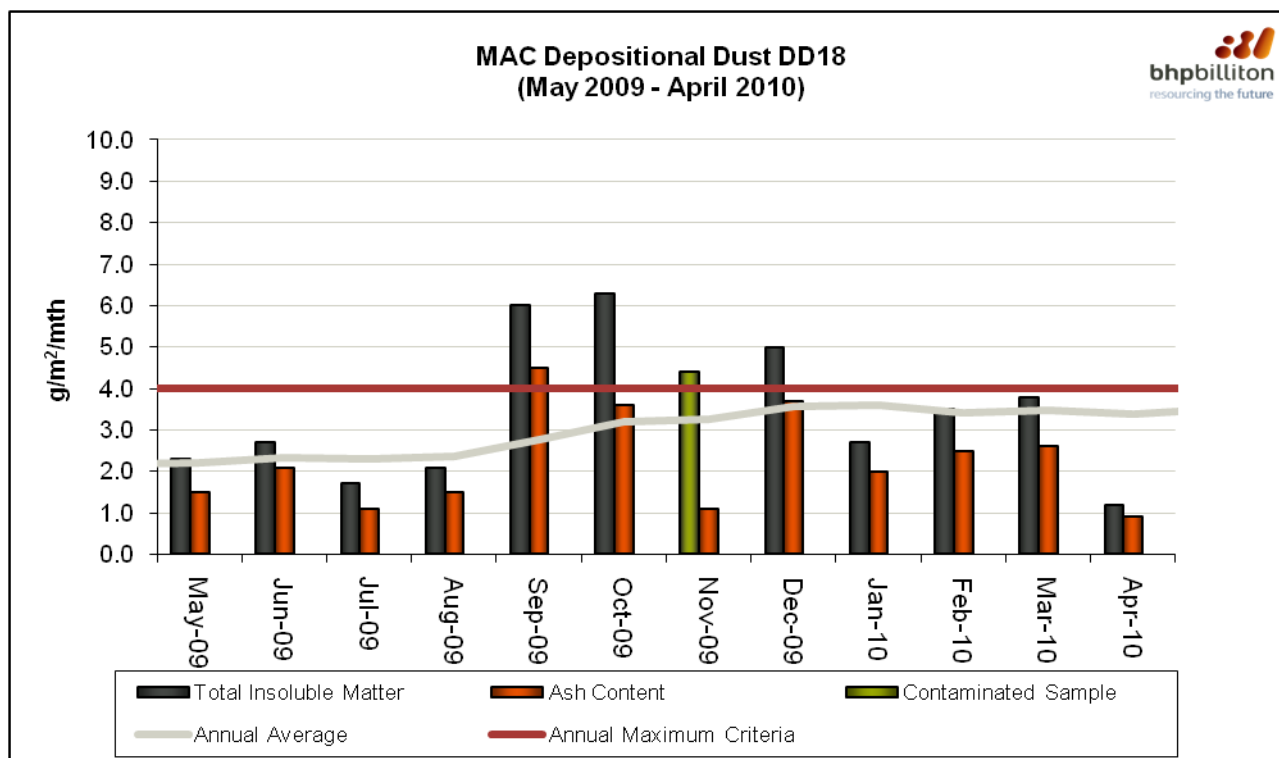
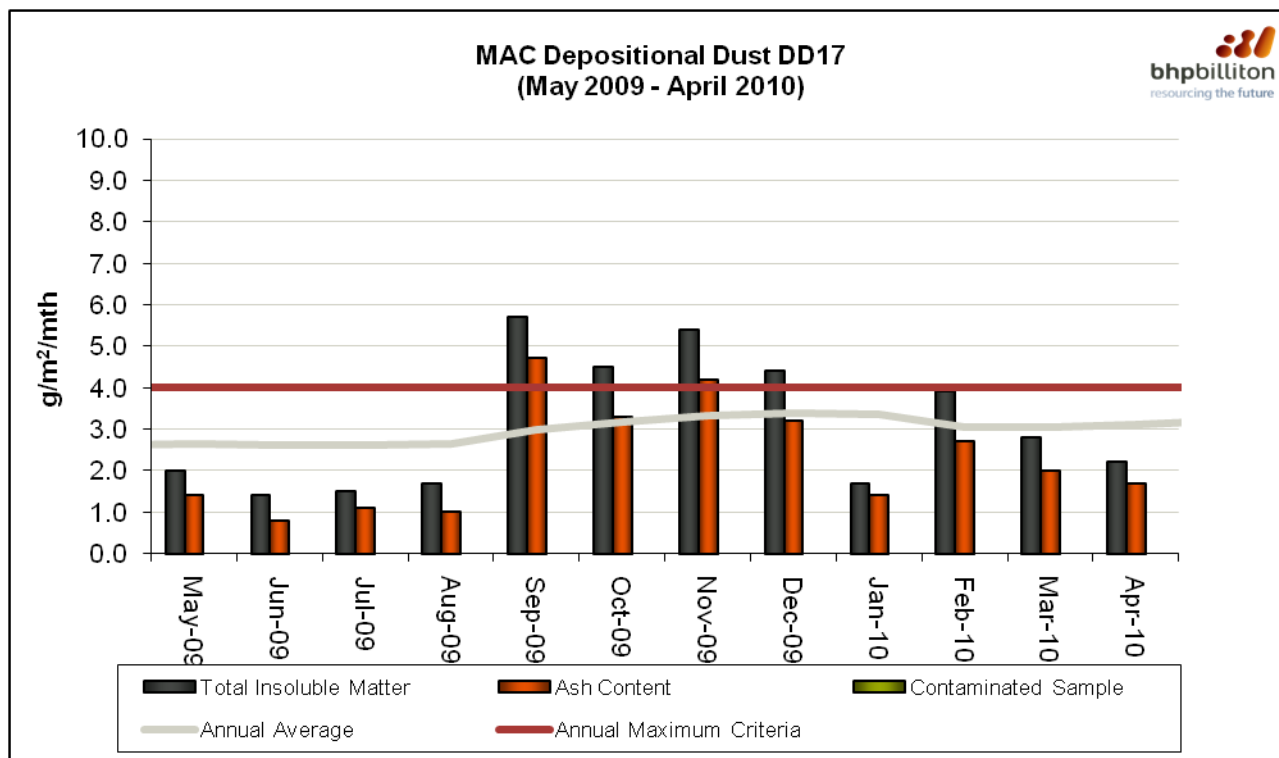
March – Independent monitoring contractor determined that the sample was contaminated with plant material, therefore excluded from the results.

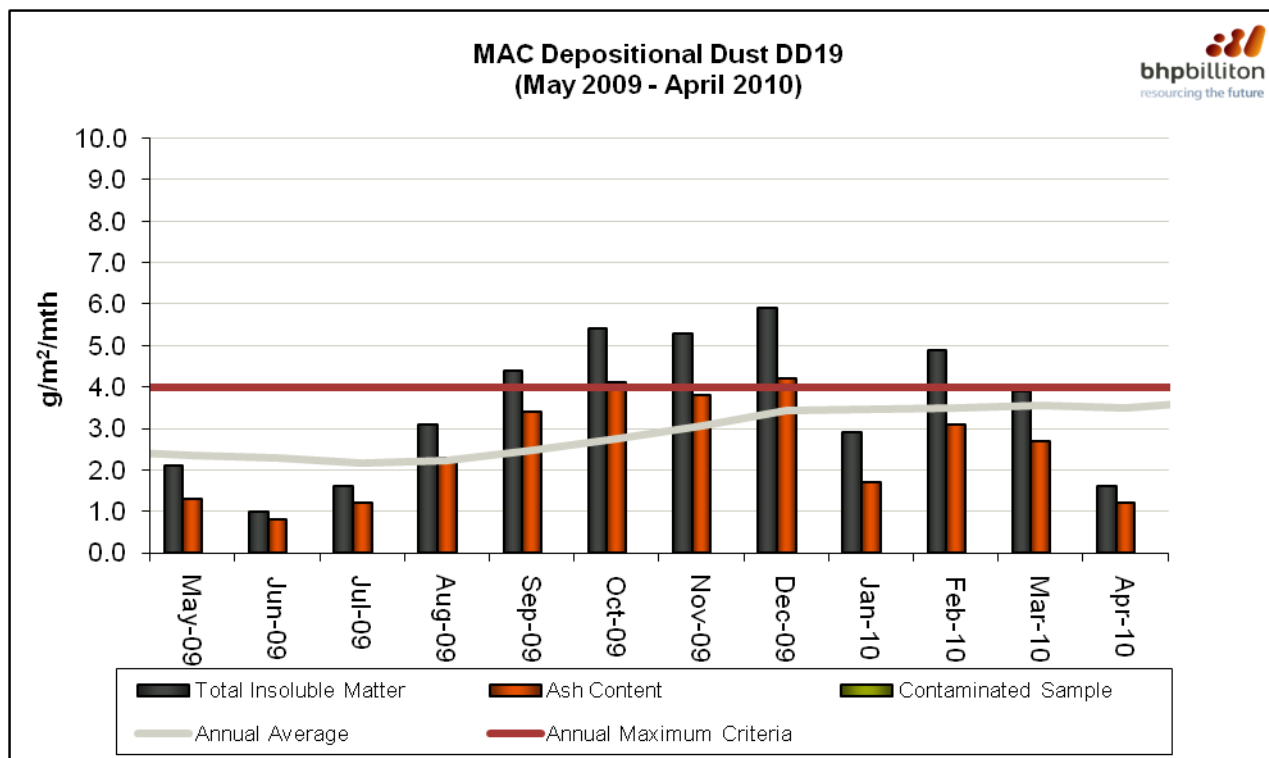


February – Investigation revealed that predominant wind direction was from the south east. After investigation it was determined that localised activities influenced this monitor for the month of February. Other depositional dust gauges much closer to the operation recorded much lower results.

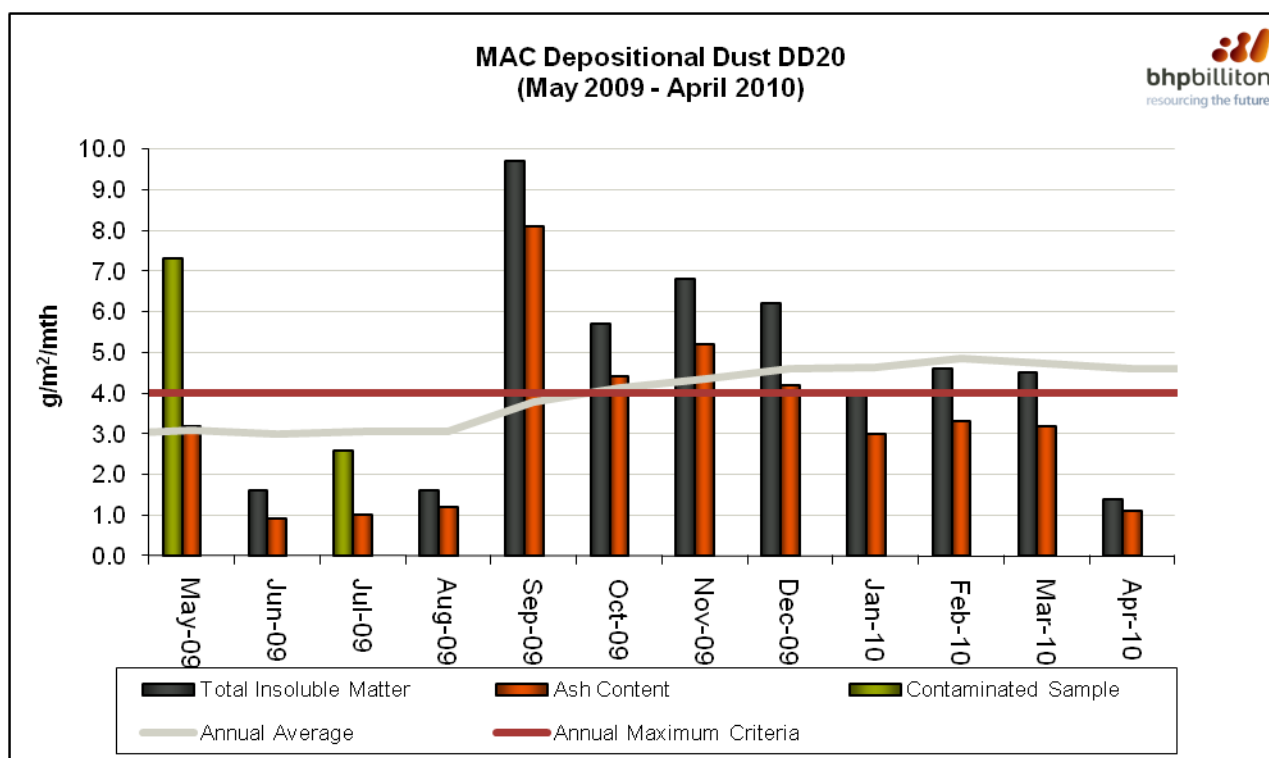


Edinglassie is owned by Mt Arthur Coal. This depositional dust gauge is used for Management purposes only. Mining activity has ramped up in the Windmill pit area, close vicinity to the Edinglassie monitor.





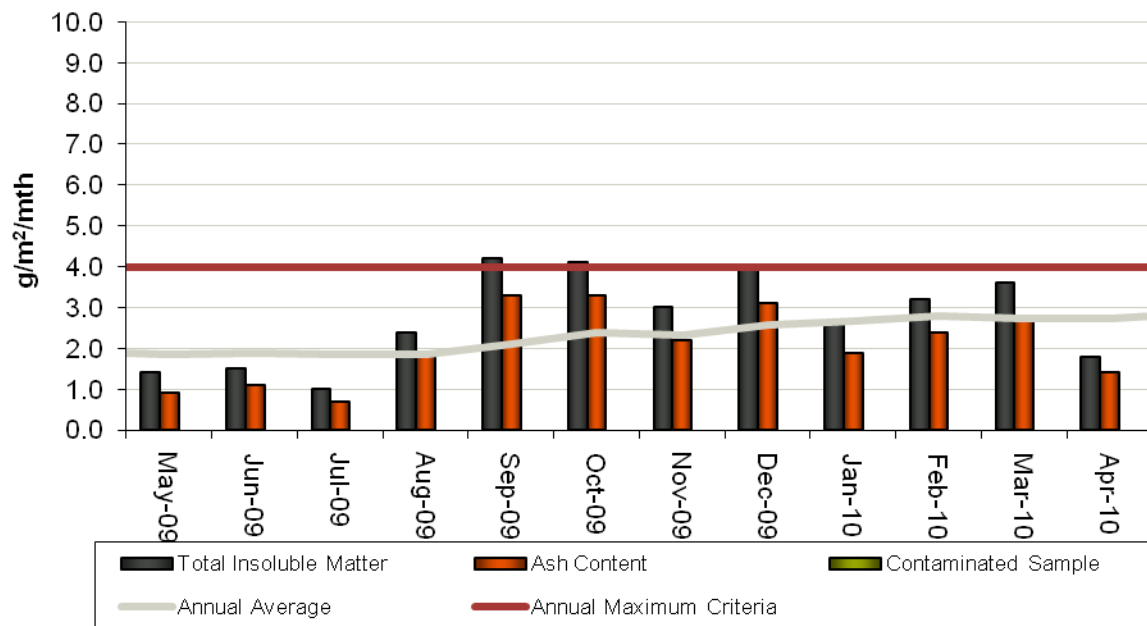
February – Investigation revealed that predominant wind direction was from the south east. This depositional dust gauge it to the north east of the operation, therefore Mt Arthur Coals activities did not influence this elevated result.



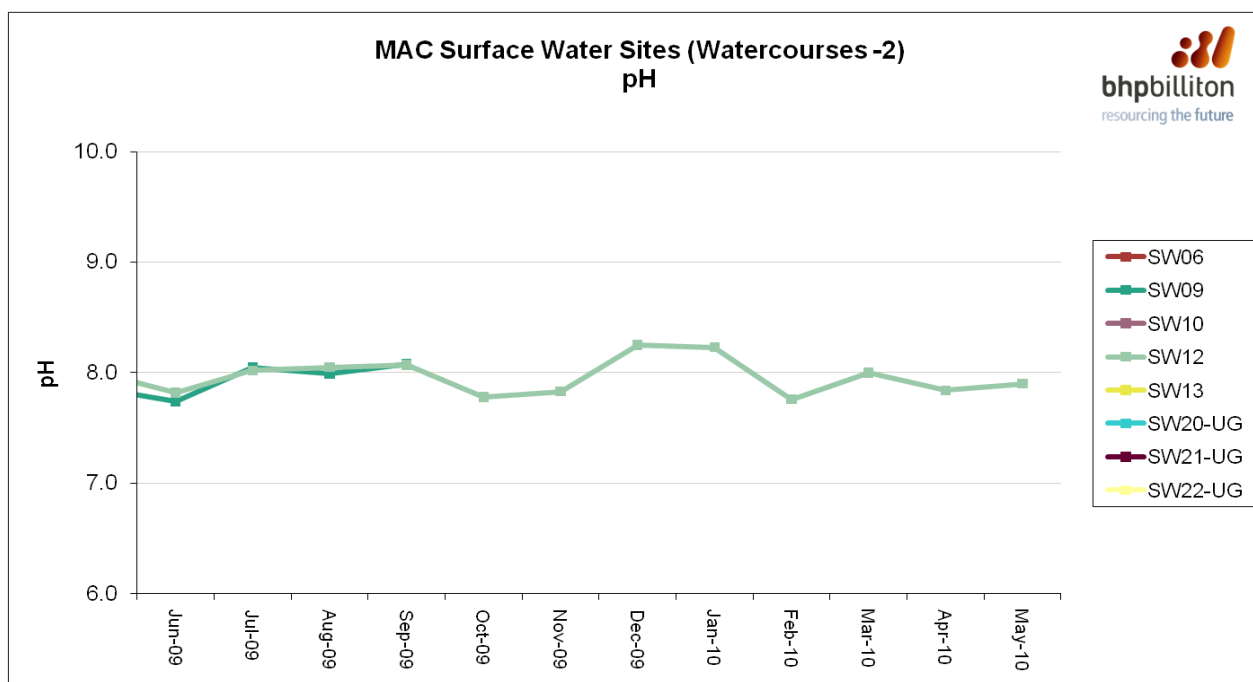
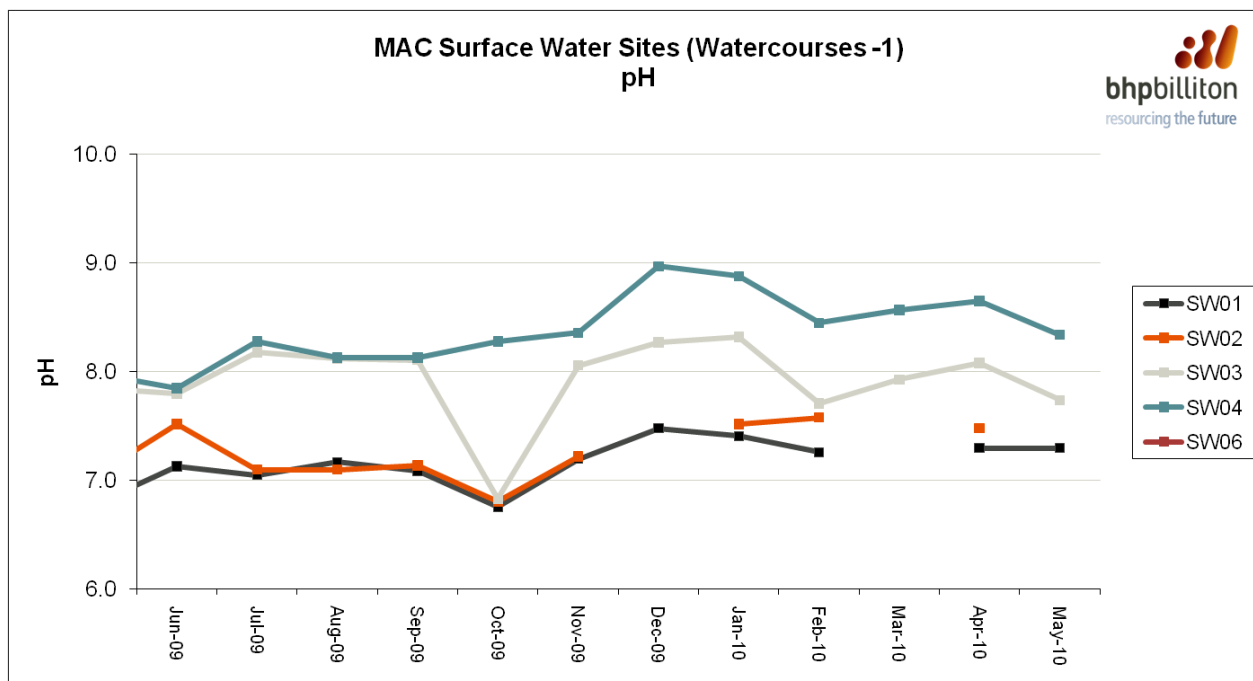
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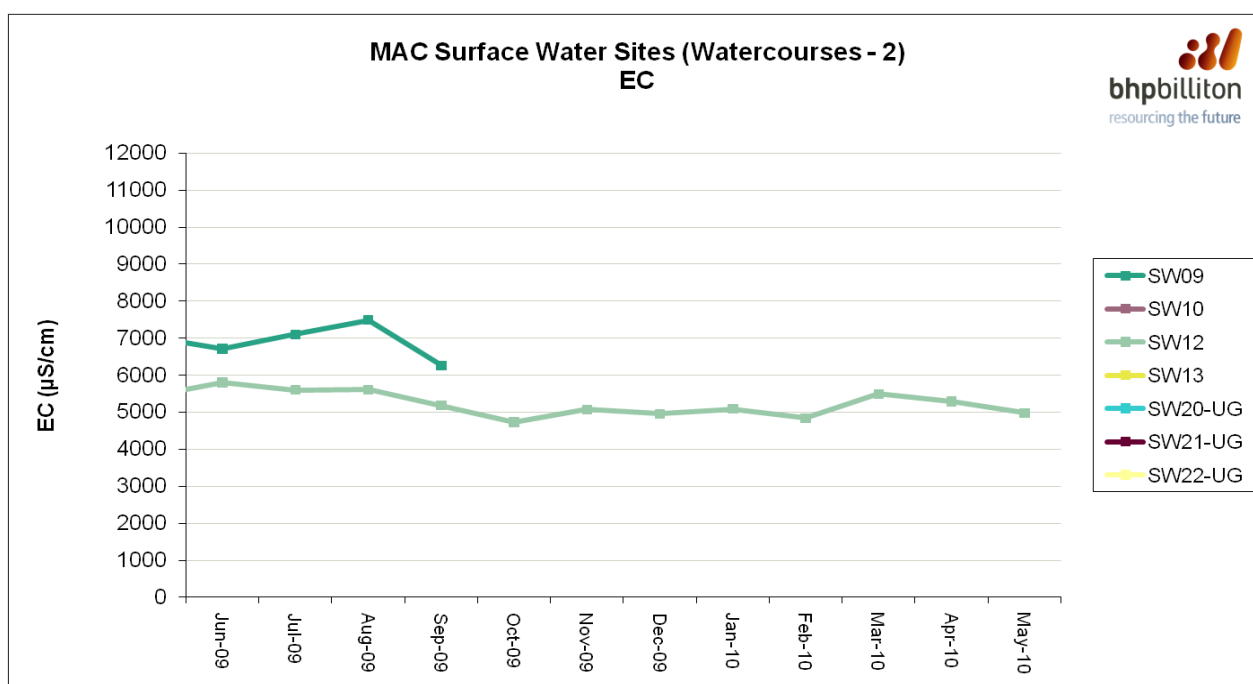
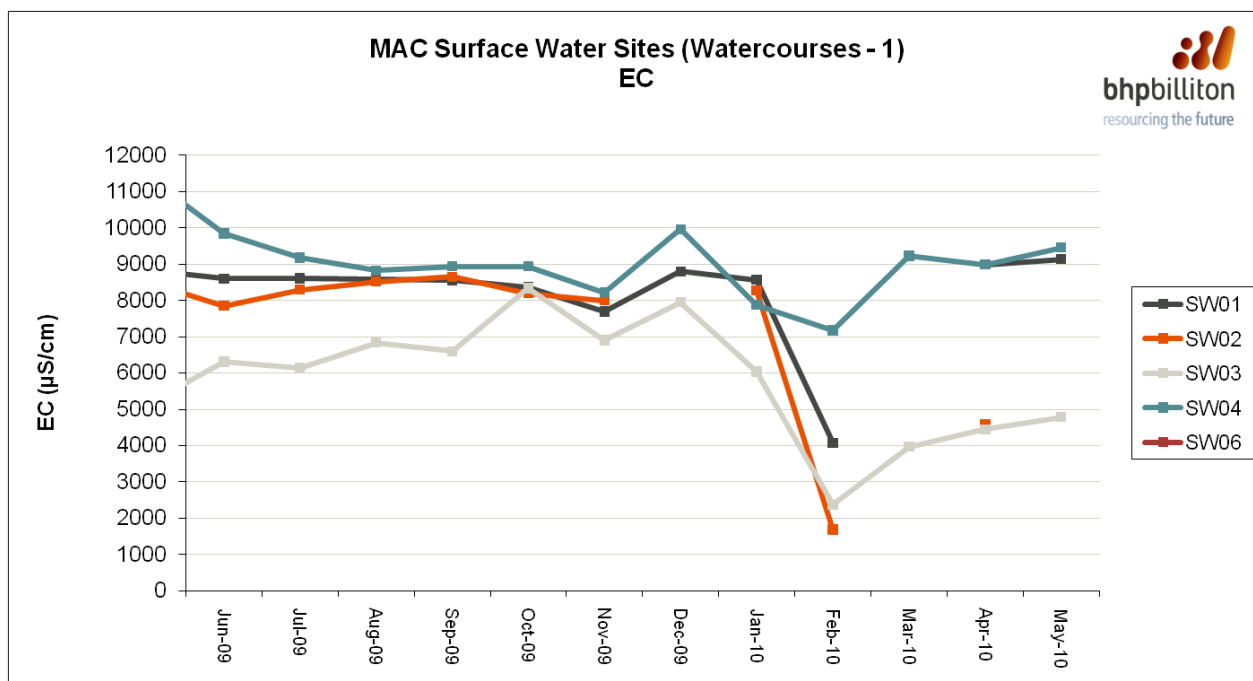
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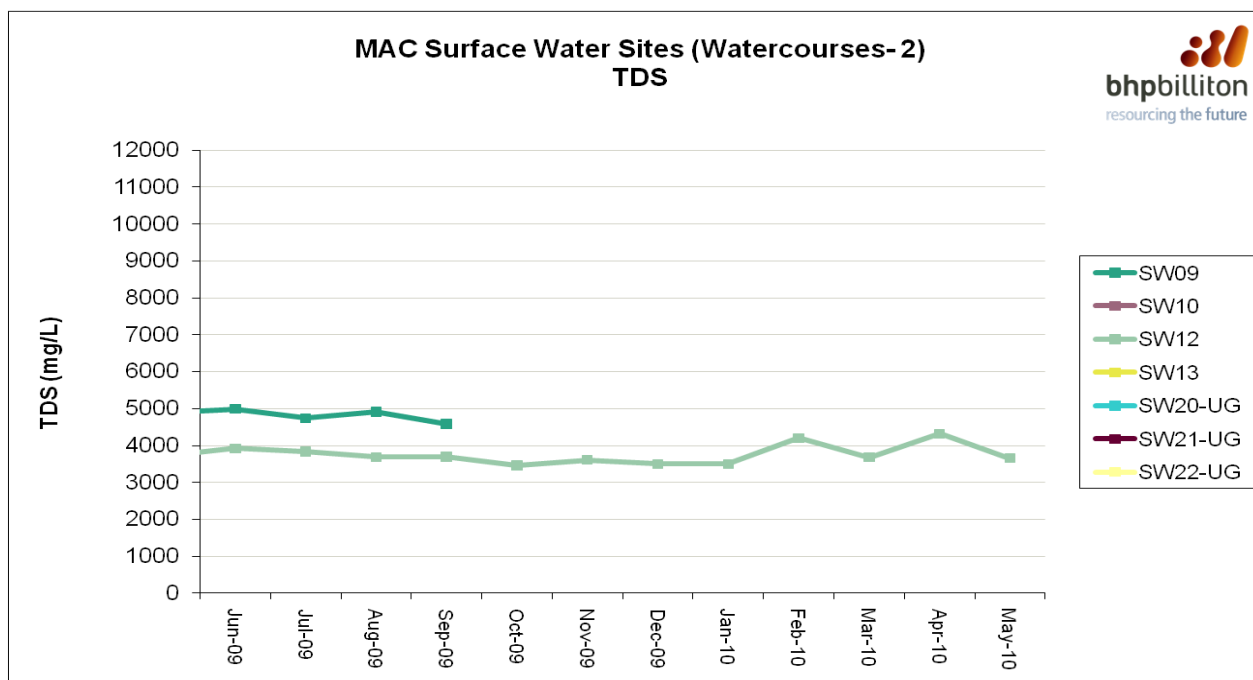
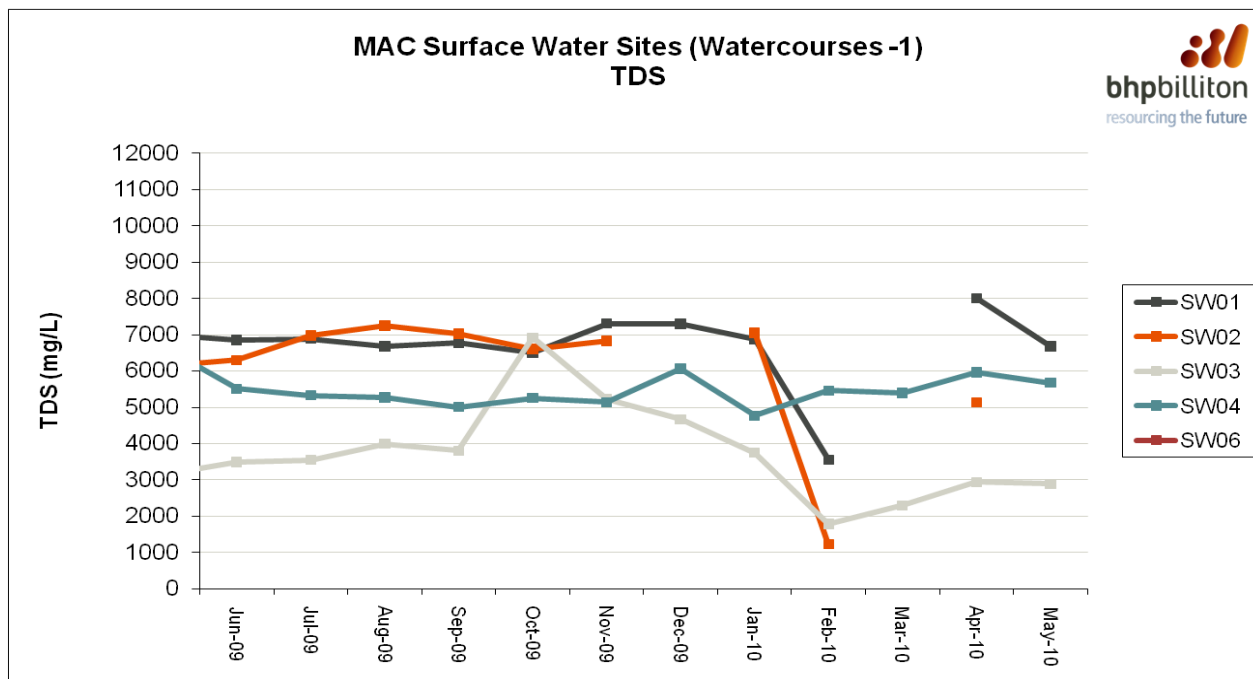
**MAC Depositional Dust DD21
(May 2009 - April 2010)**

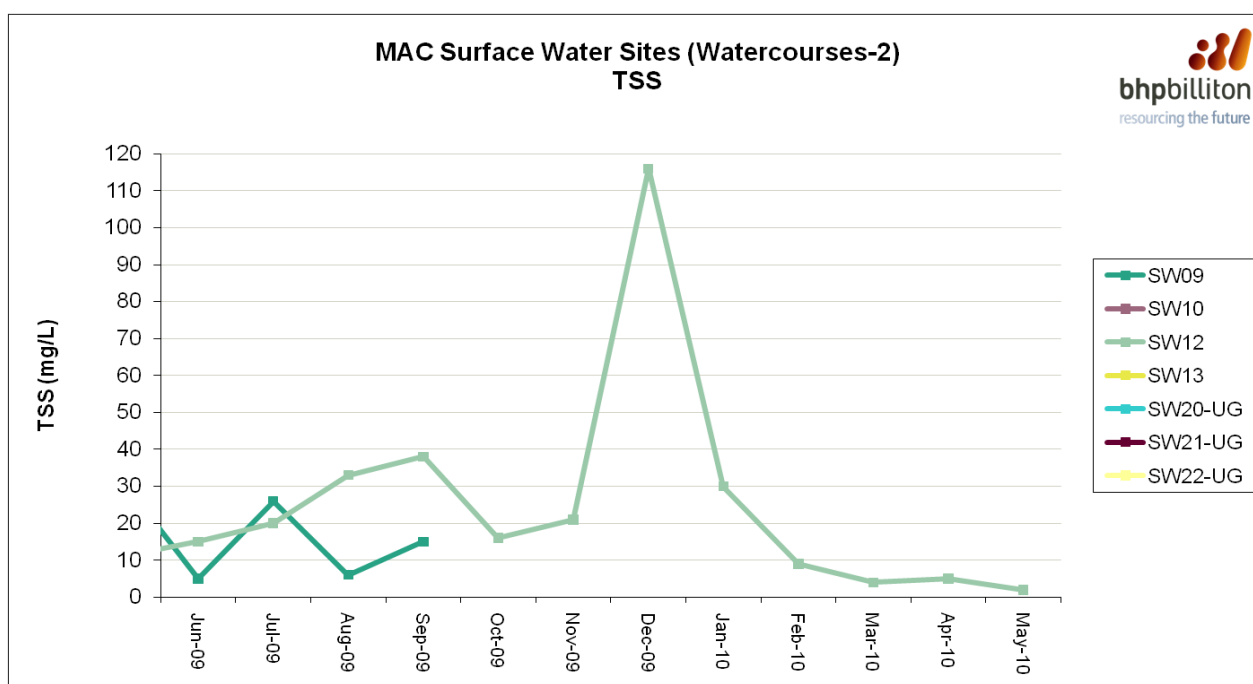
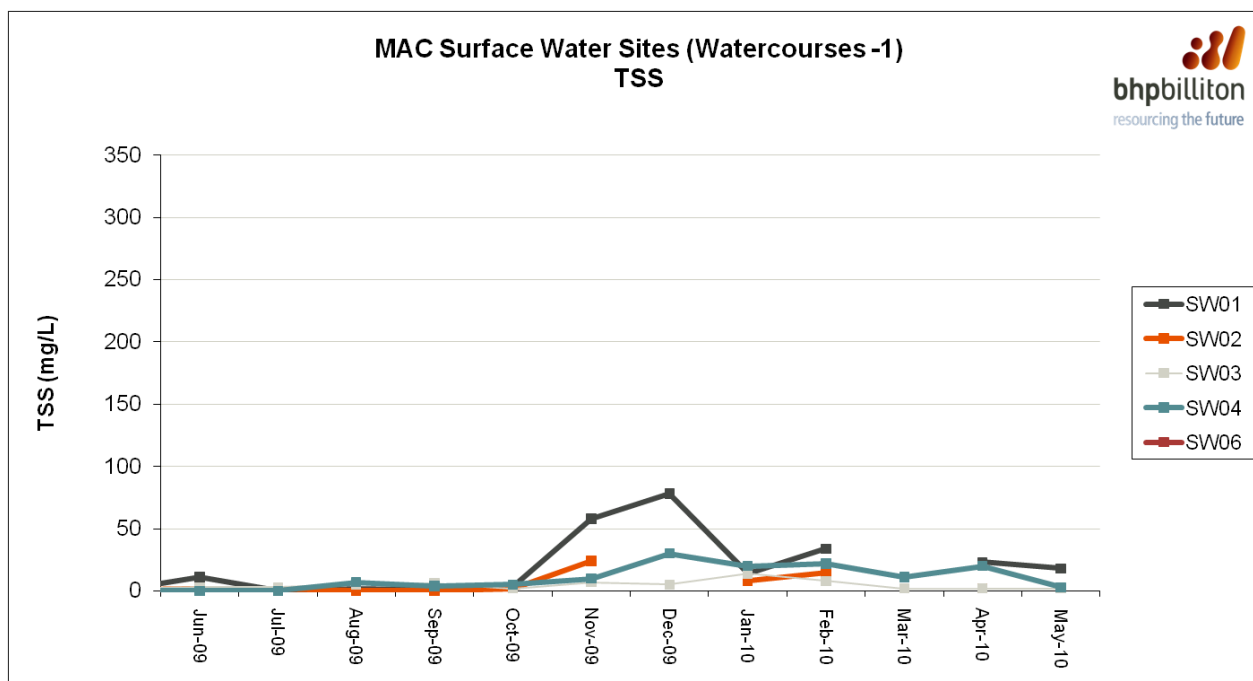


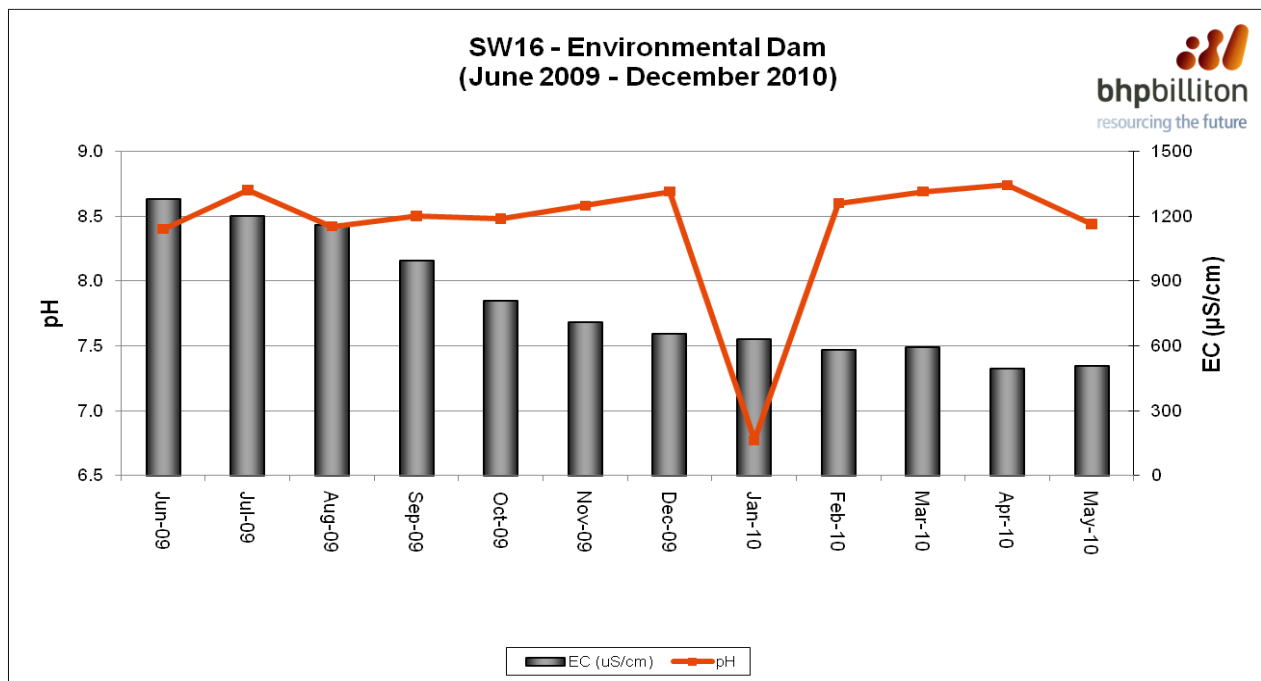
3. Surface Water Data





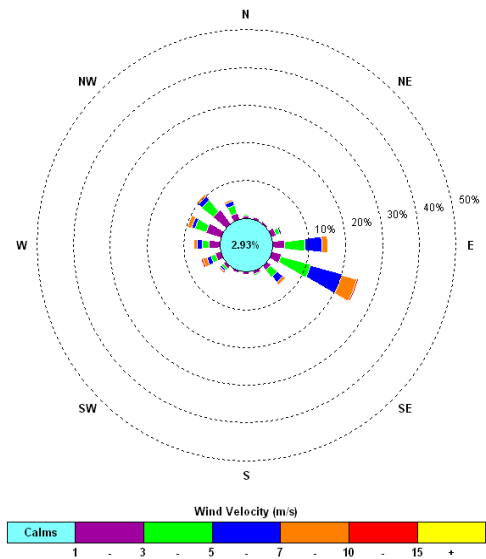




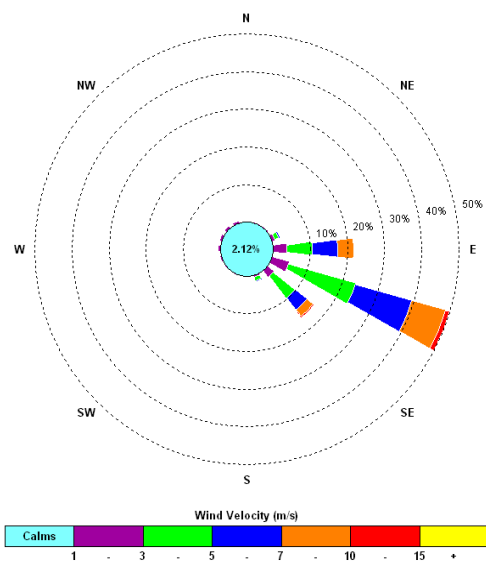


4. **Weather Data** – Monthly Windroses for Mt Arthur Coal Industrial Area
Weather Station

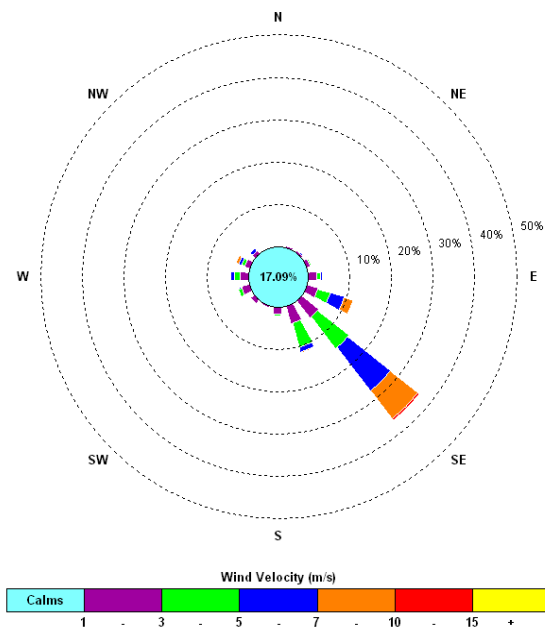
January



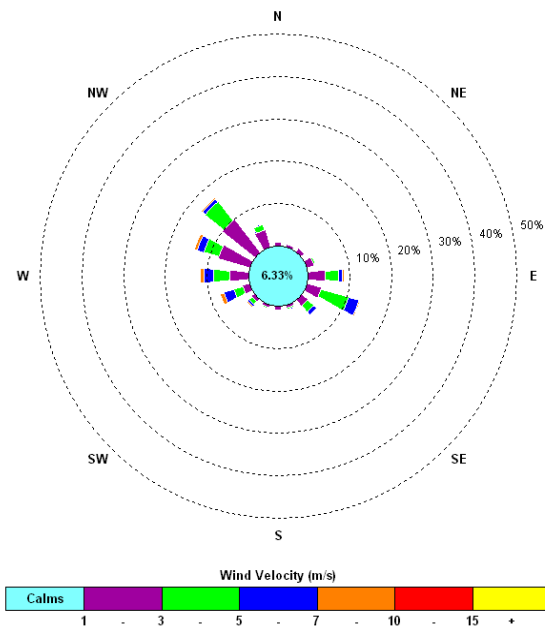
February



March



April



MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

Minutes of Meeting (8)

Location: Mt Arthur Coal Boardroom

Date: Wednesday 26 May 2010

Present: Jennifer Lecky (JL) Deputy Chairperson, Bruce McPherson (BM) Resident, Raymond Webb (RW) Resident, Craig Flemming (CF) Muswellbrook Shire Council, Julie McNaughton (JM) Mt Arthur Coal, Shelley Masterson (SM) Mt Arthur Coal, Morgana Gidley-Baird (MGB) Mt Arthur Coal, Rob Hayes (RH) Mt Arthur Coal and Steve Perkins (SP) Mt Arthur Coal.

Meeting Commenced: 4.10pm

1. WELCOME AND APOLOGIES

Jennifer Lecky welcomed everyone to the Mt Arthur Coal Community Consultative Committee May 2010 meeting.

Apologies

Apologies received from Christine Phelps (CF) Chairperson, John Bancroft (JB) Resident, Eddy Constable (EC) Resident, Graham Guest (GG) Resident and Michael White (MW) Mt Arthur Coal.

2. DECLARATION OF PECUNIARY INTEREST

No pecuniary interests were declared.

3. CONFIRMATION OF PREVIOUS MEETING MINUTES

Moved by RW.

Seconded by JL.

4. ACTION POINTS FROM PREVIOUS MEETING

Nil actions from previous meeting

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

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

6. OVERVIEW OF OPERATIONS TO DATE

Rob Hayes (RH) (Technical Services Manager) presented an overview of the current operations at Mt Arthur Coal.

Key points RH discussed included:-

- Scheduled blasts require the closure of Denman Road, five road closures to come on Denman Road in the coming weeks. Public notices will inform public of scheduled closures.
- Electronic detonators for blast initiation are being used onsite. These are a microchip device to allow millisecond accuracy of firing time to allow for better vibration control.
- New equipment purchases including an additional electric rope shovel, excavator and trucks that are currently being commissioned.
- Expansion of water cart fleet for dust control measures.

7. COMMUNITY RELATIONS PLAN PRESENTATION

Shelley Masterson (SM) (Community Relations Coordinator) presented an overview of the community relations plan.

Background – Community Relations

- Understand and manage potential negative impacts
- Enhance positive impacts
- Contribute to sustainable community development
- Strengthen current relationships
- Facilitate the development of future positive relationships
- The engagement plan seeks to allow two-way communication, sharing of knowledge and building trust
- The plan aims to support Mt Arthur Coal's commitment to being an active and valued corporate citizen by all stake holders and to enhance its reputation, specifically within the Upper Hunter community.

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Community Perception Survey 2009

The top 5 sources of information were:

- Newspaper
- Newsletter
- Family / and or friends
- Word of mouth
- Radio

How often would public like to hear from Mt Arthur Coal

- Monthly (26%)
- Quarterly (24%)
- Never (16%)
- Half Yearly (14%)

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

- Don't Care (9%)
- Bi Monthly (6%)
- Yearly (5%)

Historical Engagement Activities

- Mt Arthur North July 1998 to April 2000
- South Pit Extension October 2005 to Early 2007
- Mt Arthur Underground Project November 2005 to July 2007
- MAC Consolidation Project January 2009 to December 2009
- Community Matter Newsletter
- Community Matters Feedback Questions 2008 – 2009 (ongoing)
- Community Perceptions Survey September 2009 (Completed every two years)
- Mt Arthur Coal Community Consultative Committee (meets bimonthly)

Engagement Plan

- Community Matters newsletter
- Free call community response line
- Project update factsheets
- Community consultative committee

| Engagement Type | Engagement Method | Frequency |
|------------------------------------|---|---|
| Enquiry and response | Free Call Community Response Line Complaints Protocol | Ongoing |
| Information Tool | Website Community Matters Fact Sheets Blast Notification | CM Quarterly Facts Sheets as Happens Blast Notices Weekly |
| Partnership Opportunity | CCC Community Fund | Ongoing and Quarterly |
| Face to Face two-way Communication | Technical Workshops Near Neighbour Meetings Gov Agencies | Ongoing |
| Media | Media Releases | As Needed |
| Face to Face two-way Communication | Community Survey Site Visits Community Coordinator | Survey average 2 years Ongoing |

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8. 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 January to April 2010 monitoring period;
- There were no road closures in the January – April period;
- 44 Blasts in January – April 2010;
- 36 blasts were delayed due to adverse weather conditions.

HVAS PM10

- One elevated result (DF01) recorded on the 25/01/2010;
- One elevated result (DF02) recorded on the 25/01/2010 ;
- One elevated result (DF04) recorded on the 25/01/2010;
- One elevated result (DF05) recorded on the 25/01/2010;
- Two elevated results (DF06) recorded on the 20/03/2010 and 26/03/2010;
- One elevated result (DF07) recorded on the 13/01/2010;
- One elevated result (DF08) recorded on the 25/01/2010;
- All elevated results were investigated and Mt Arthur Coals contribution was deemed to be below Development Consent criteria for the January – April 2010 period;
- All HVAS monitoring locations currently have annual averages below relevant Development Consent criteria.

Depositional Dust

- All depositional dust gauge results recorded in the January – April 2010 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 and DD20;
- DD2, DD3 and DD20 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 January and March (excessive bird droppings and plant material)
 - DD2 February (bird droppings)
 - DD5 April (excessive bird droppings and plant material)
 - DD11 January and February (bird droppings)
 - DD12 January and February (bird droppings and insects)
 - DD13 January and February (bird droppings, plant materials and insects)
- Determination of contamination is by a NATA (National Association of Testing Authorities) accredited Laboratory. NATA is Australia's national laboratory accreditation authority.

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

Surface Water

- Advised by the lab that there were some discrepancies in the recent data provided, In particular February pH and EC results. Revised results to be distributed.
- There are no significant variations in pH or EC in the sampling period.

9. OVERVIEW OF COMMUNITY SUPPORT

- Major Sponsorship Events & Participation:
 - Upper Hunter Food and Wine Festival
 - Bursting with Energy Expo
 - Scone Horse Trials
 - Muswellbrook South Public School – Breakfast Club
 - UH Veteran Golfers Assoc
 - UH Motoring Assoc
 - Blandford Public School Horse Sports
 - Graham “Polly” Farmer Foundation
 - Clean up Australia Day (Muswellbrook and Singleton)
- Matched Giving - BHPB Sponsorship

Complaints

- 5 Dust Complaints, 4 from Roxburgh Road and 1 other.
- 2 Vibration Complaints
- 3 Noise Complaints
- 2 Lighting Complaints
- 2 Odour Complaints

10. GENERAL BUSINESS

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

- Julie McNaughton, acting Environmental and External Affairs Manager while Sarah Withell on maternity leave
- Community relations coordinator, Shelley Masterson commenced in February
- Environmental Superintendent, Steve Perkins commenced in May on a 12 month secondment from New Mexico Coal
- Andrew Kelly, Environmental Superintendant finished up with Mt Arthur Coal last week.
- Blast and vibration plan approved by department of planning, now available on the BHPBilliton website.

11. NEXT MEETING DATE

Fourth Wednesday of month, 28 July 2010.

Topics for discussion at the next meeting:-

- Sponsorship process
- Matched giving
- Community Fund
- Resolution of CCC Dates

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

Meeting Closed: 6:00pm

| ACTION ITEM NO. | ITEM | ACTIONED BY |
|--------------------|--|-------------|
| 1 | Weather data to be included in information packages prior to bimonthly meeting | MGB |
| 2 | Surface water data to be redistributed to members of CCC | MGB |