

MT ARTHUR MINE COMPLEX
COMMUNITY CONSULTATIVE COMMITTEE MEETING

Wednesday 28th July, 2010

AGENDA

<u>Time</u>	<u>Item</u>	<u>Person</u>
4:00	1 Welcome and Apologies	Chairperson
4:01	2 Declaration of Pecuniary 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 Discussion	MAC
5:00	10 General Business	MAC
5:10	11 Next Meeting Date	Chairperson
5:15	12 Meeting Close	Chairperson

Environmental Monitoring Data (May – June 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 (May – June 2010)

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

"The airblast overpressure level from blasting operations in or on the premises must not exceed:
(a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period;
and

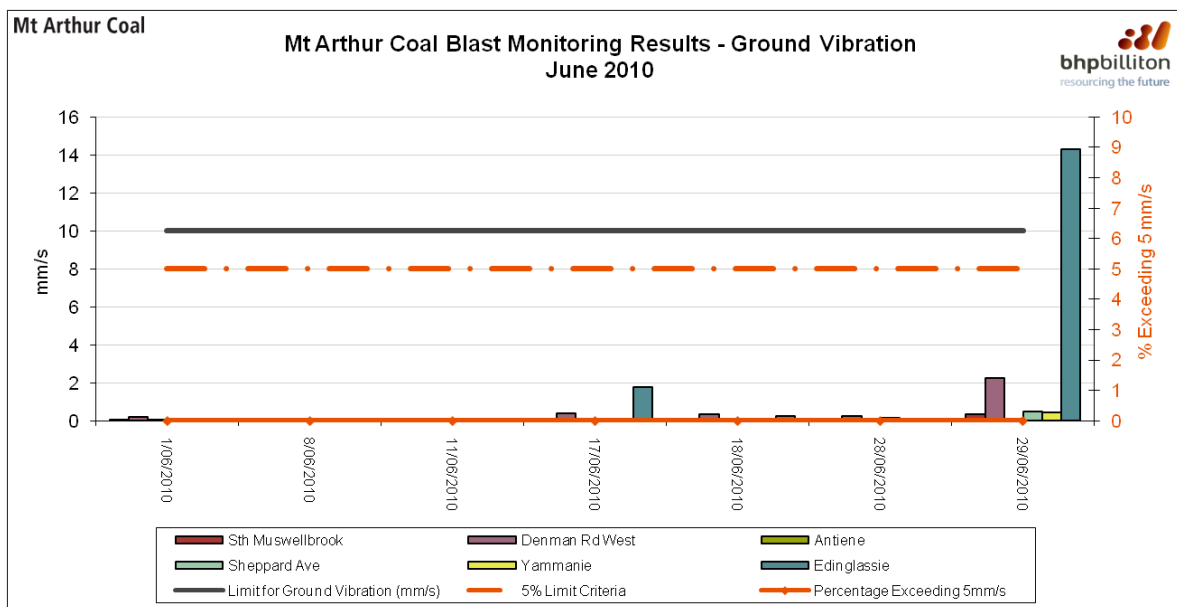
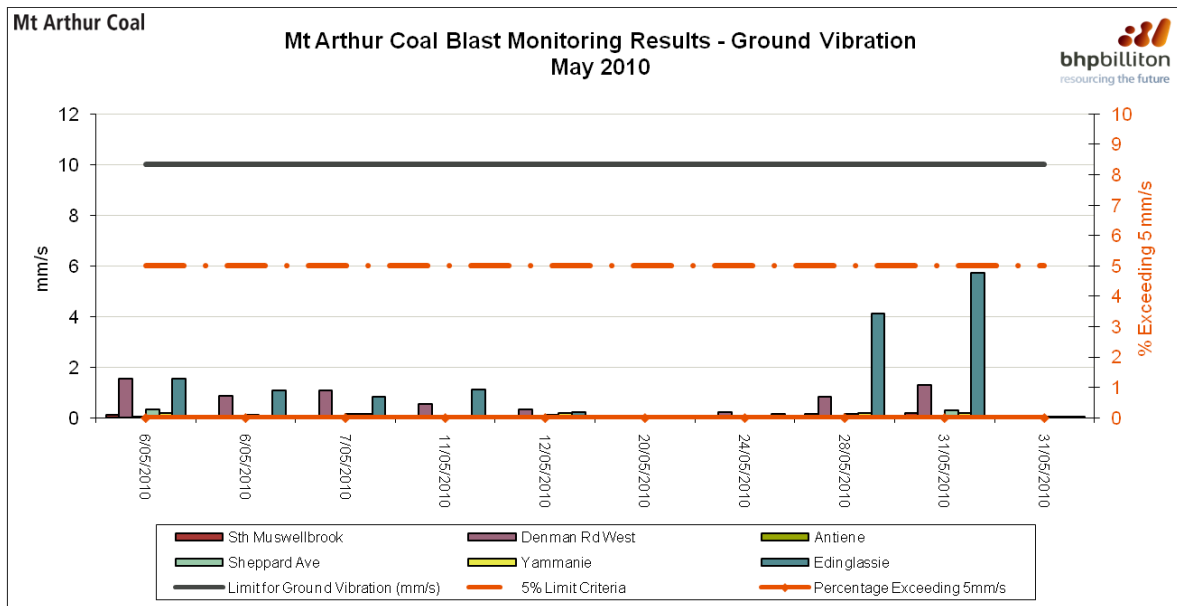
(b) 120 dB (Lin Peak) at any time.

The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed:

(a) 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period; and

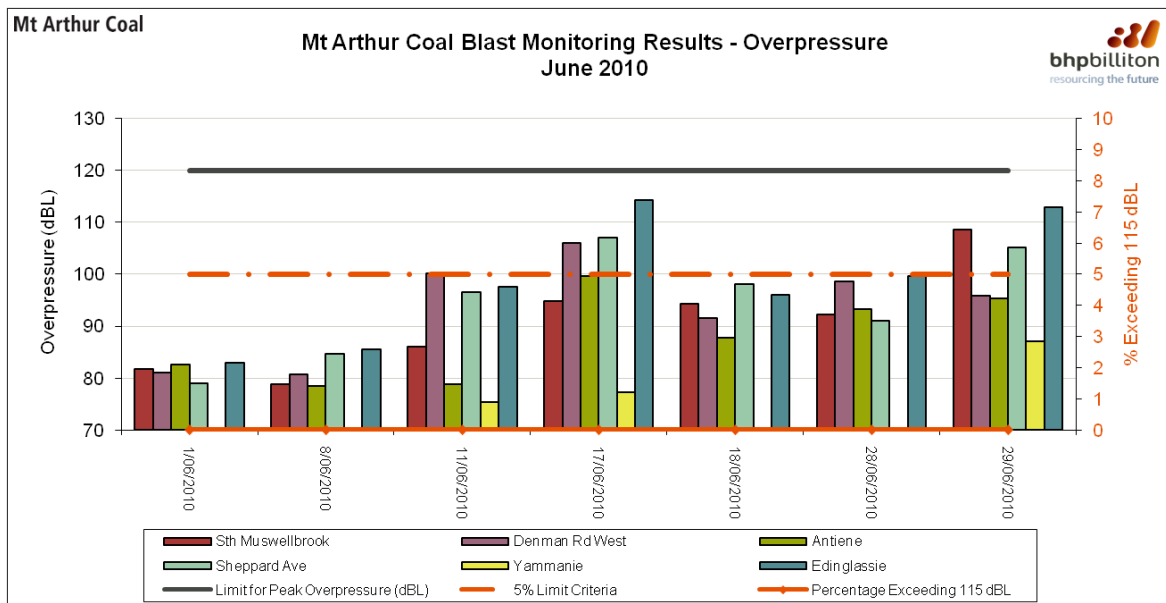
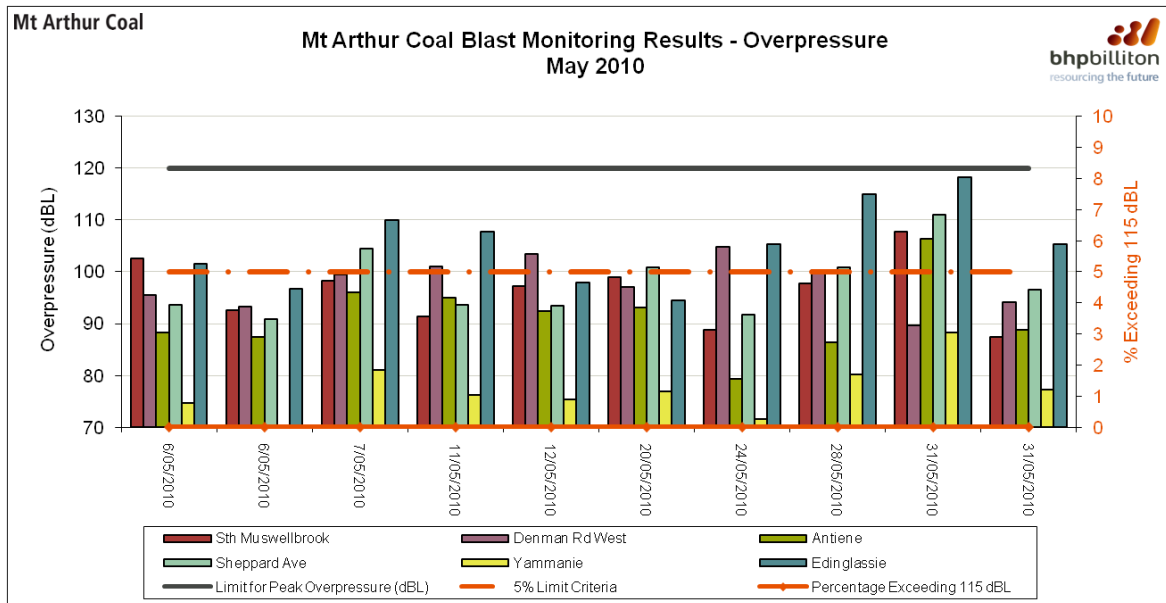
(b) 10 mm/s at any time"

Ground Vibration



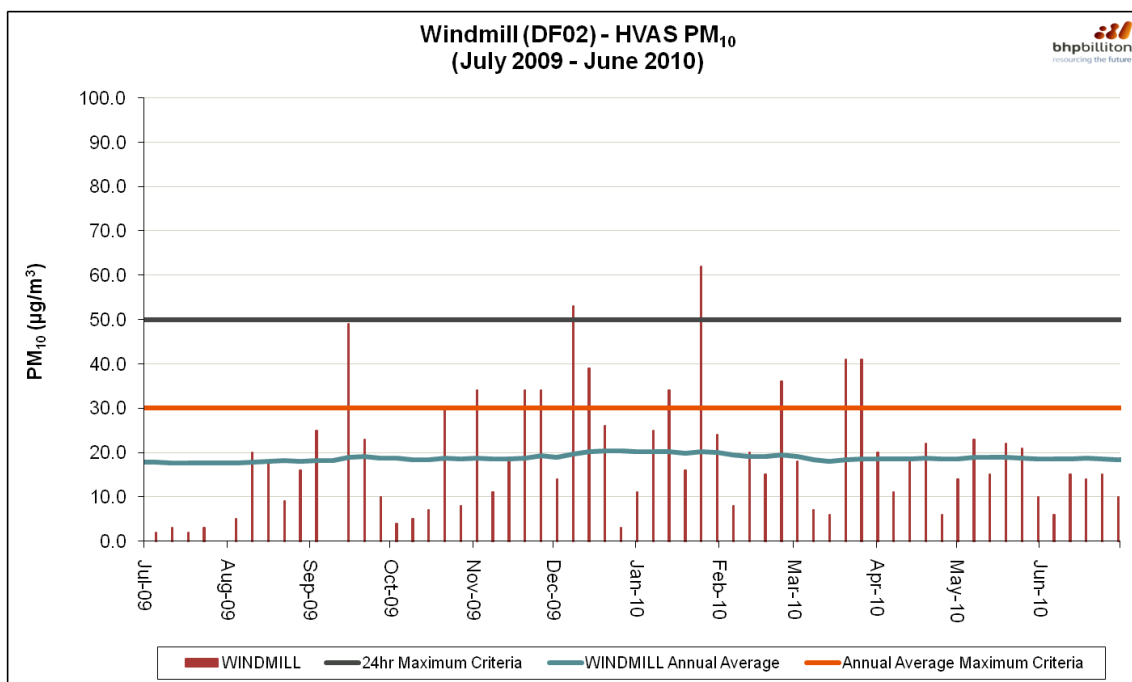
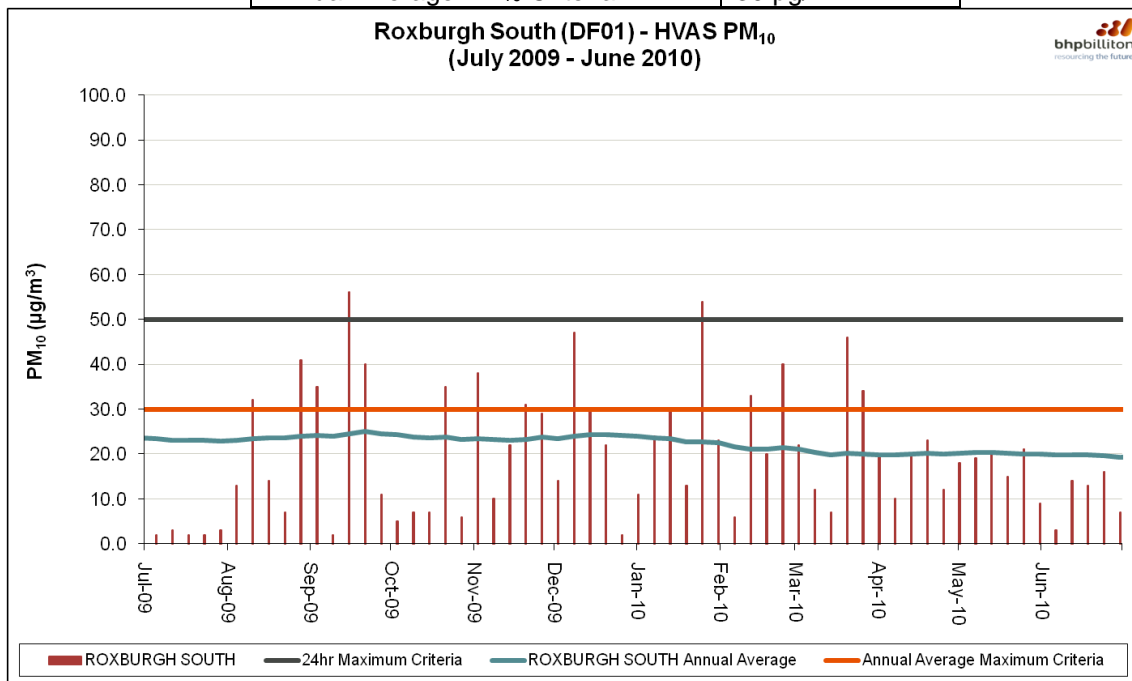
29-6-2010 Windmill blast 14.31 mm/sec result obtained at Edinglassie. This will be discussed at the meeting.

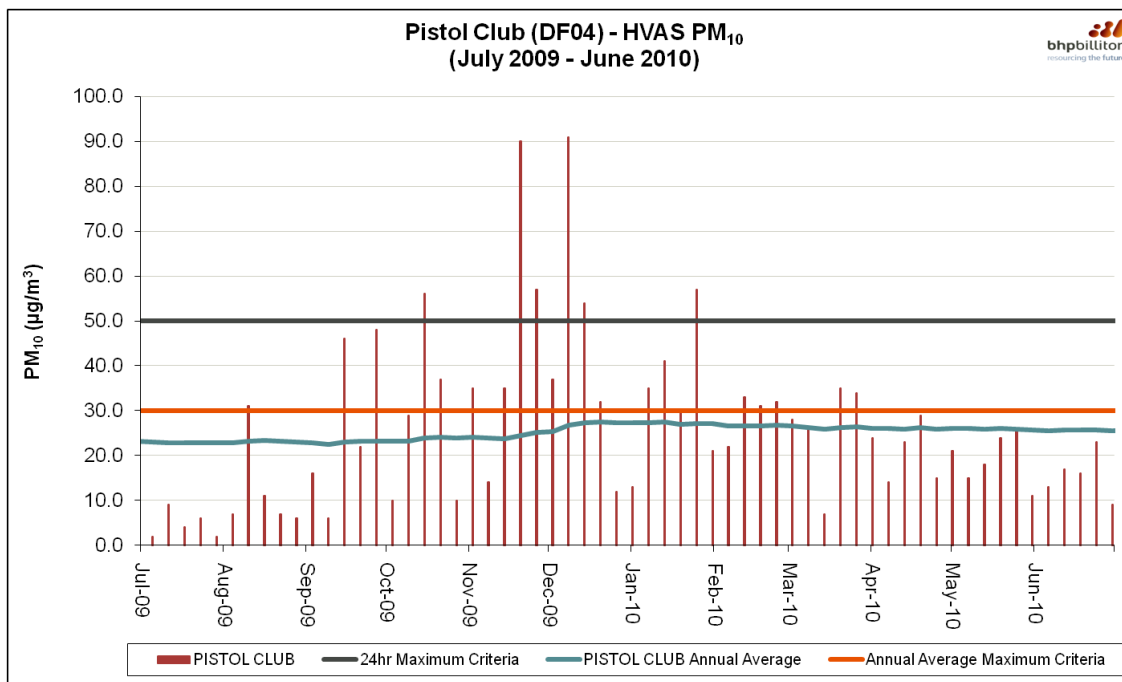
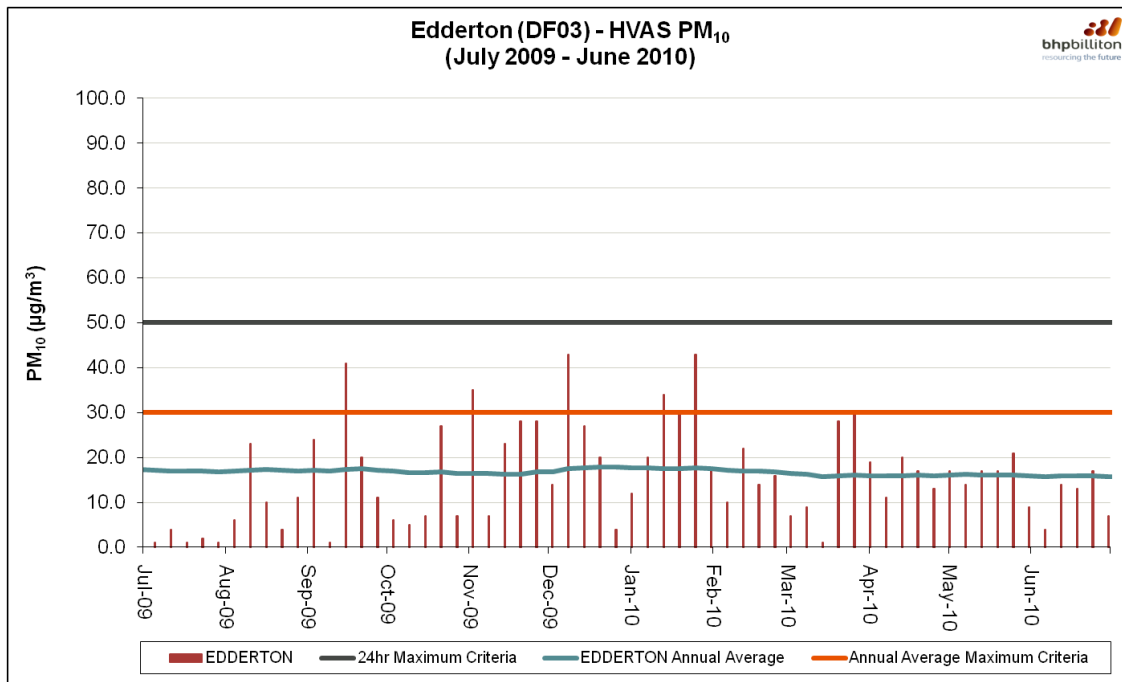
Overpressure

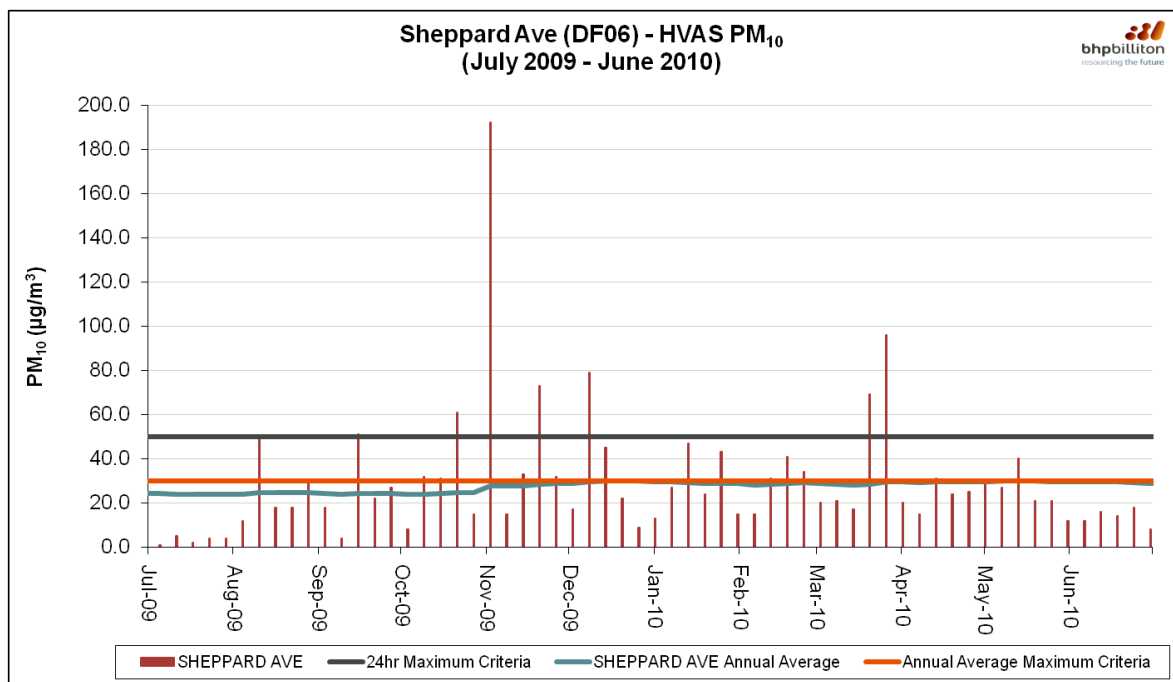
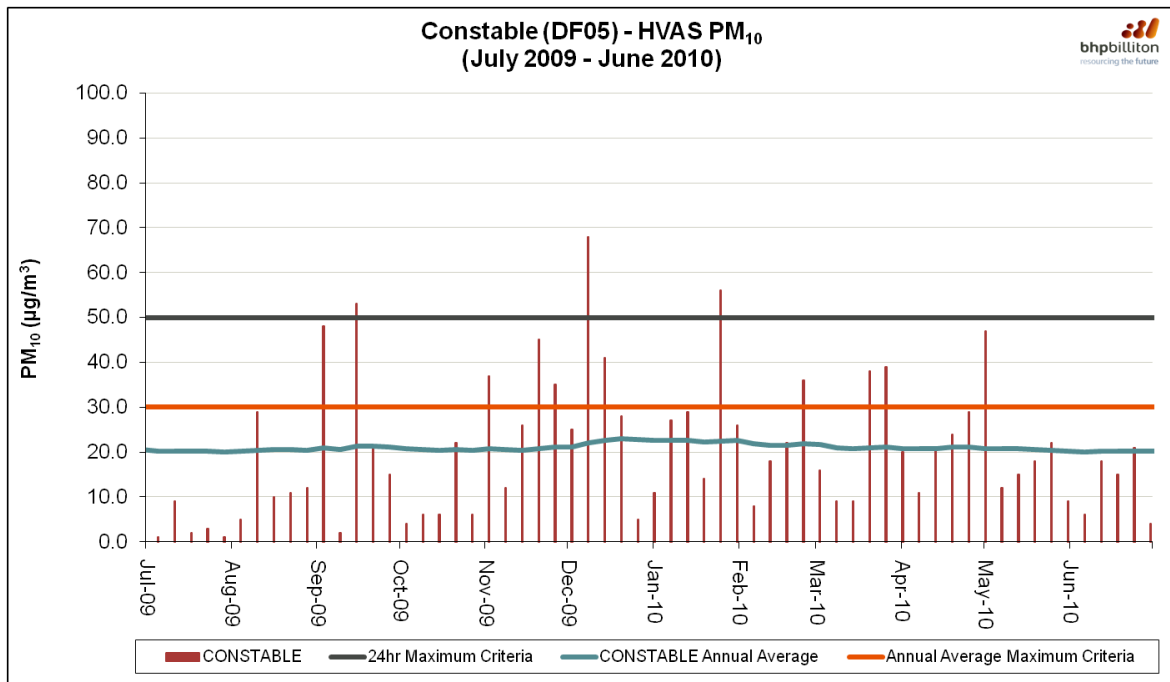


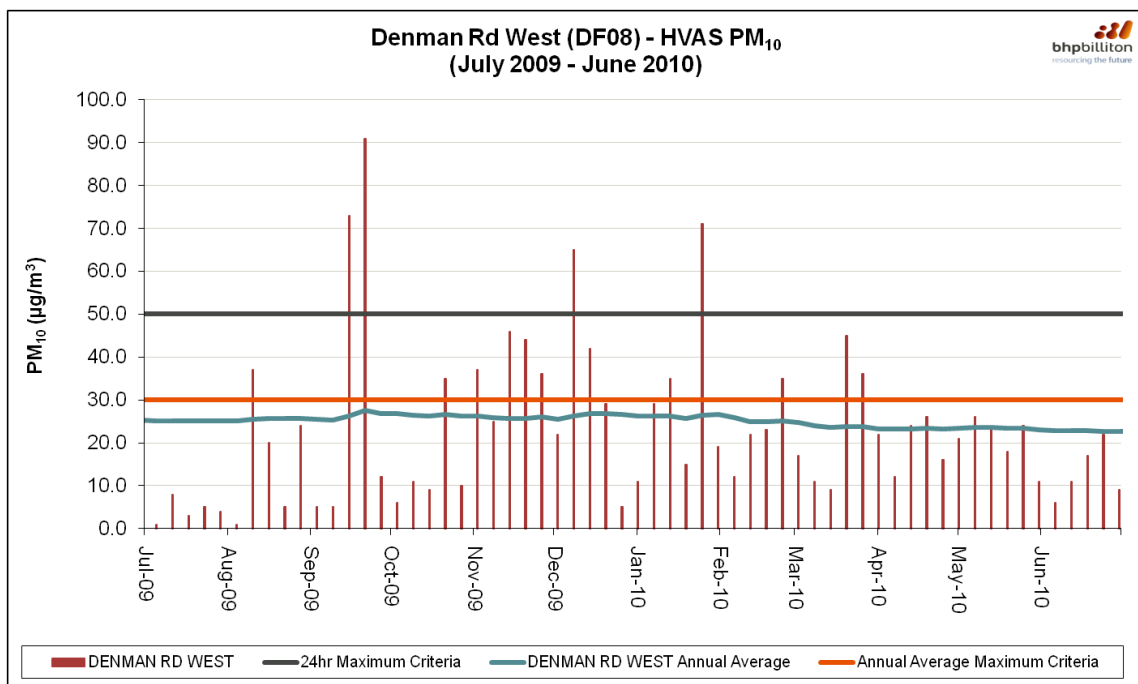
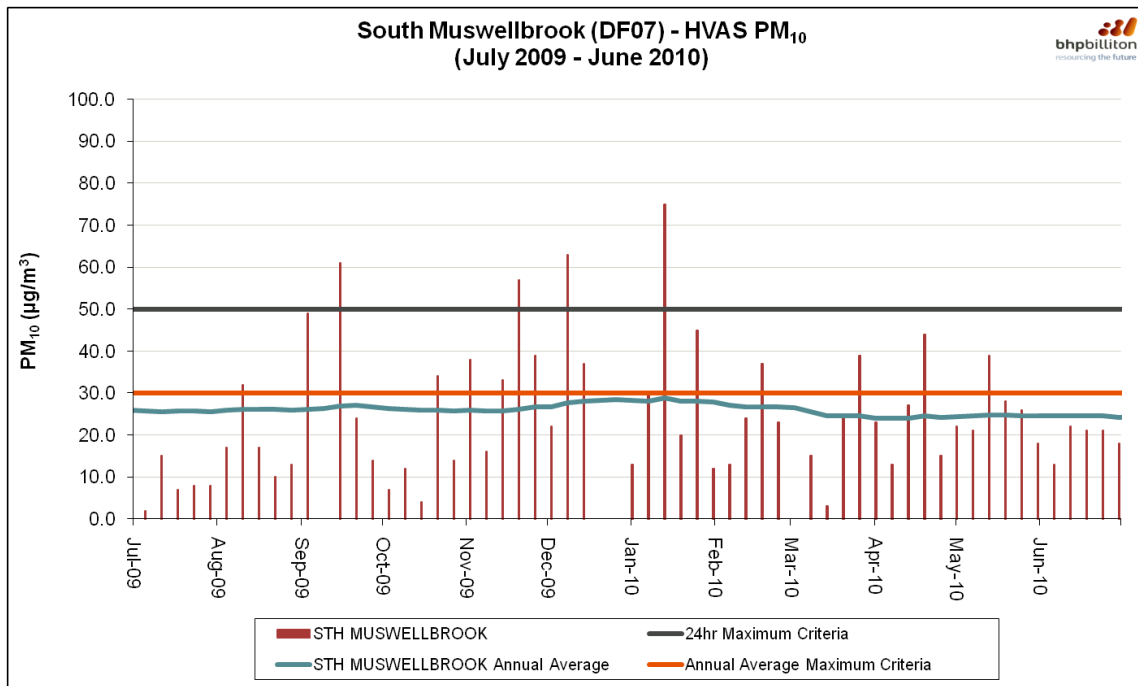
2. HVAS Data (May – June 2010)

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

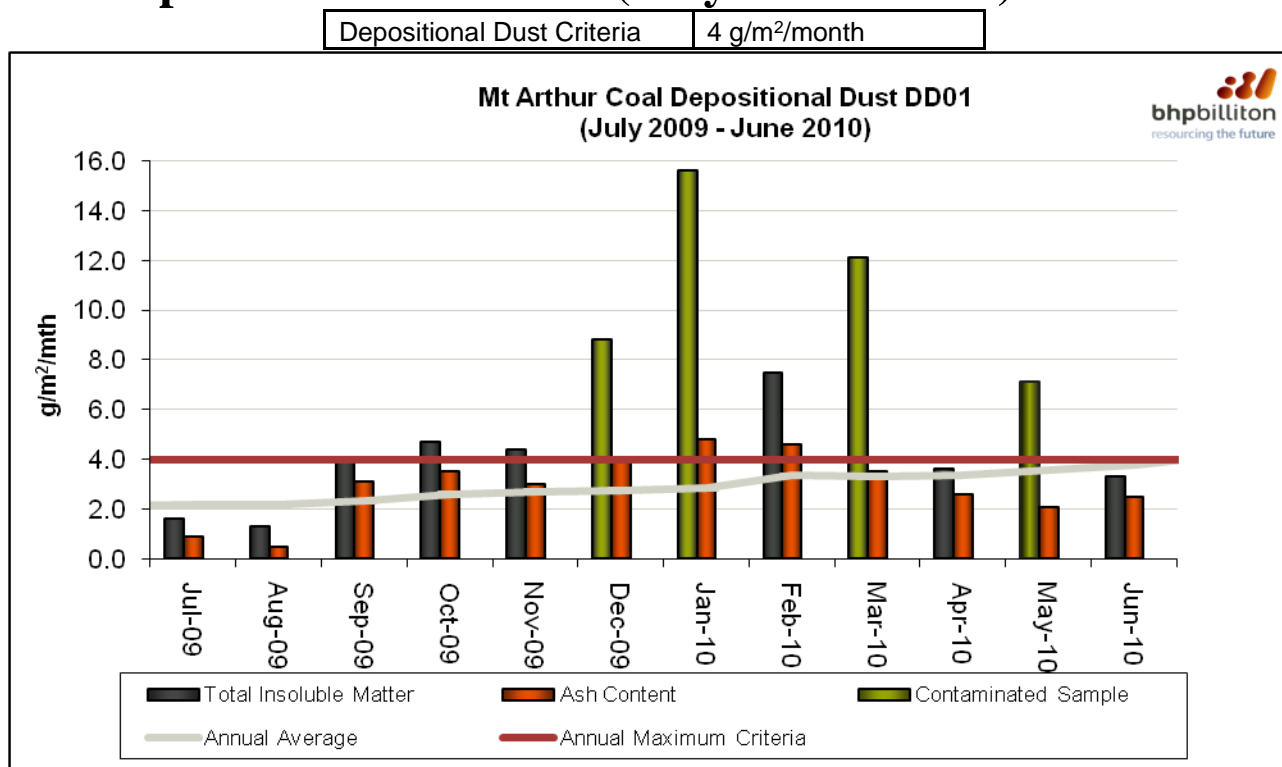




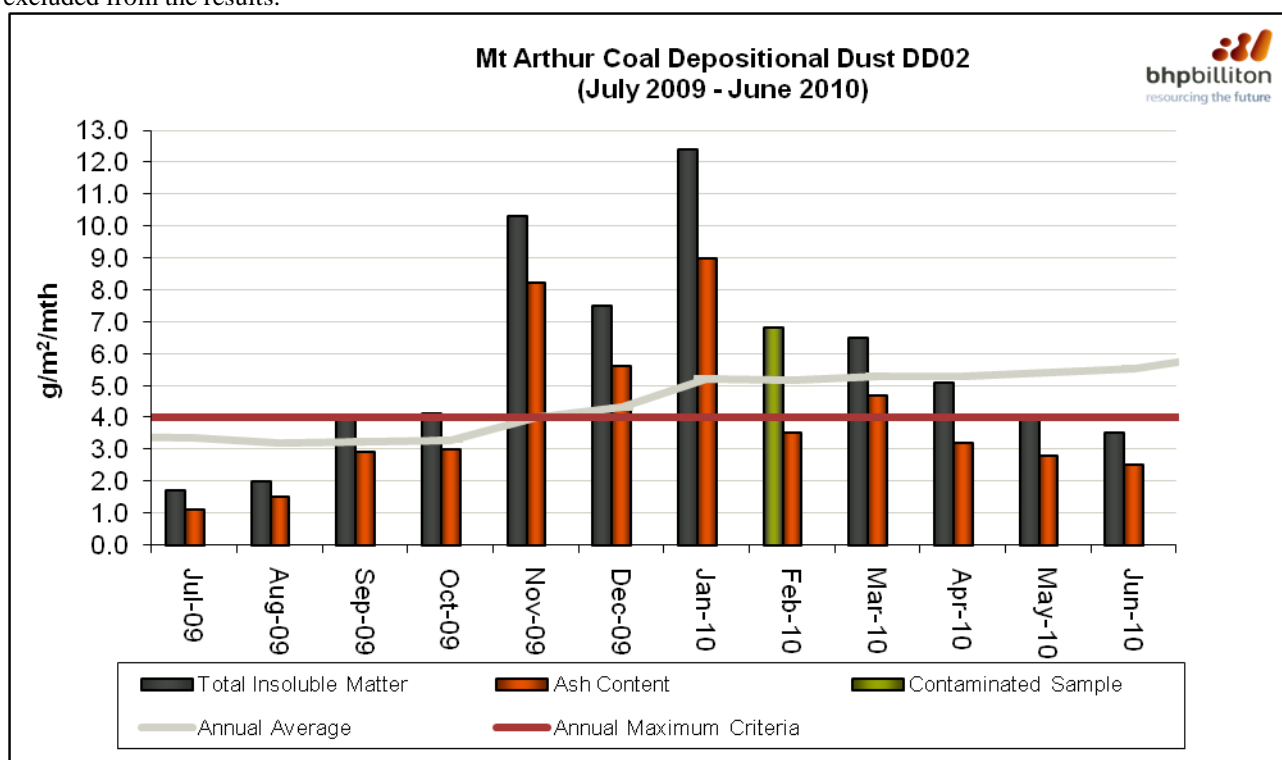




3. Depositional Dust Data (May – June 2010)

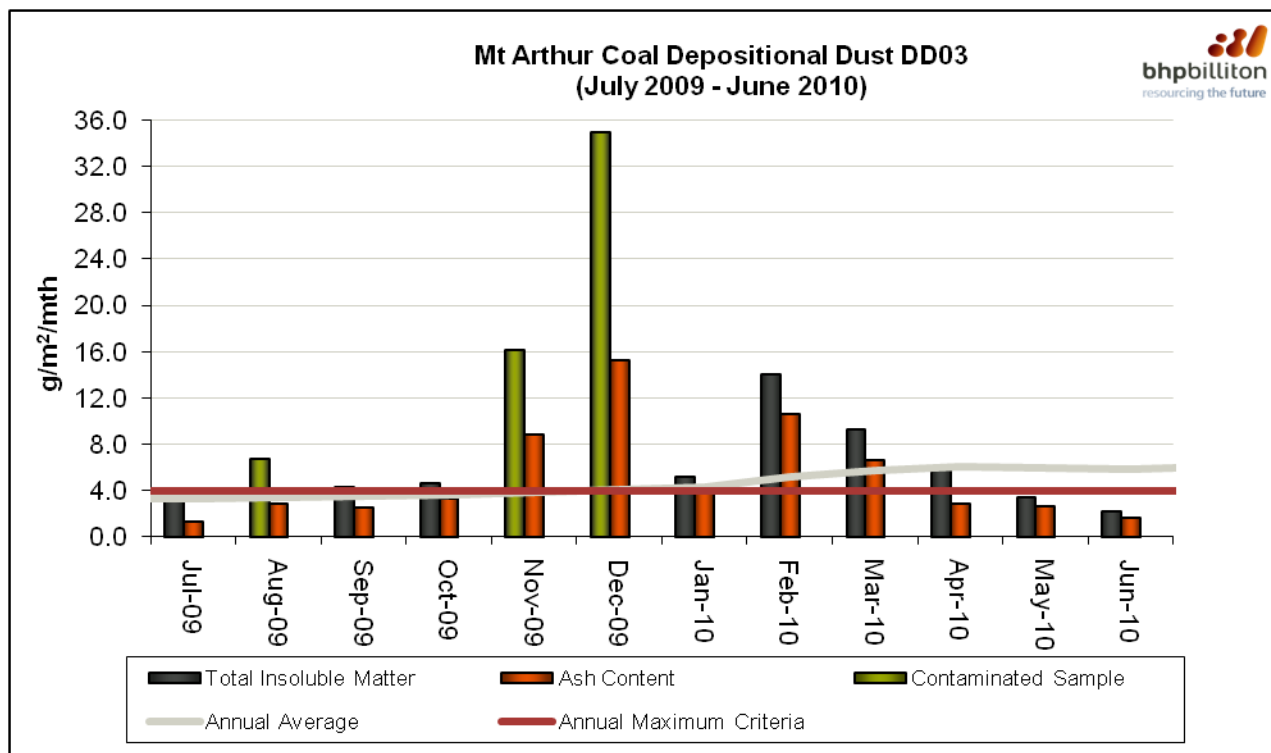


May – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

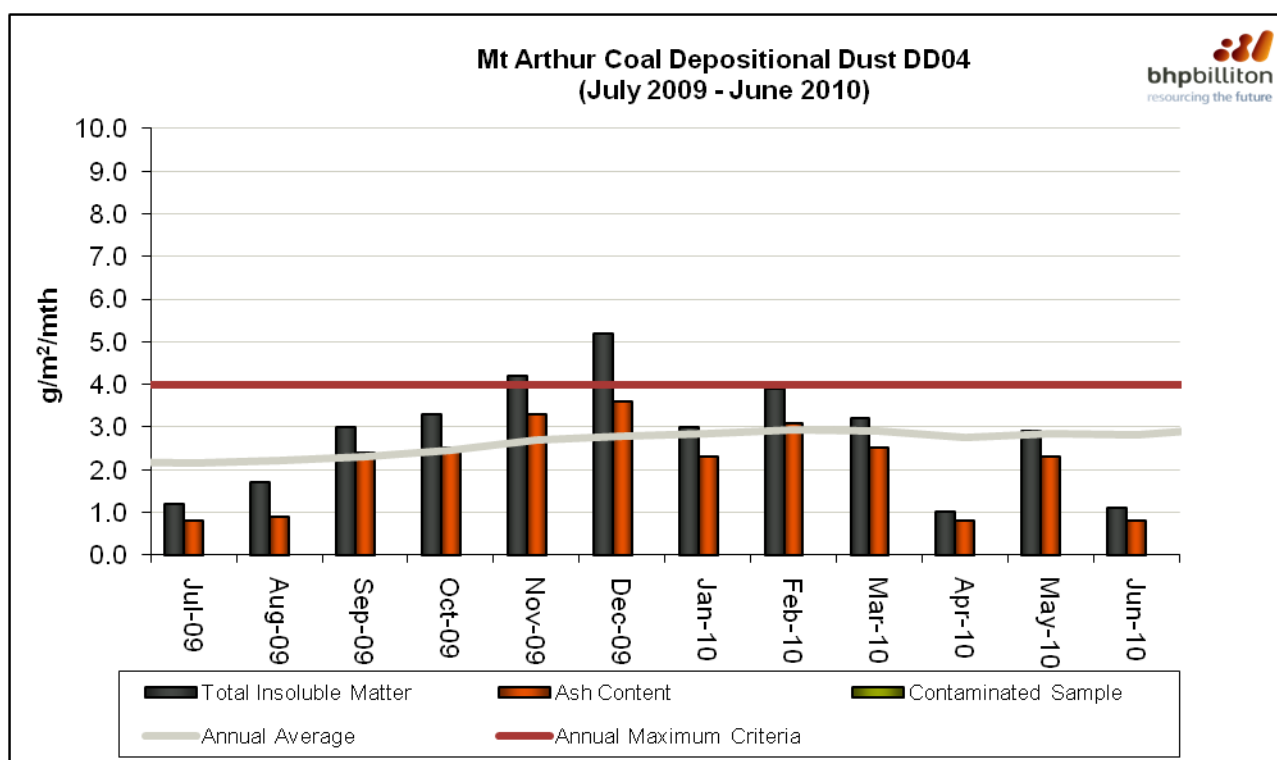


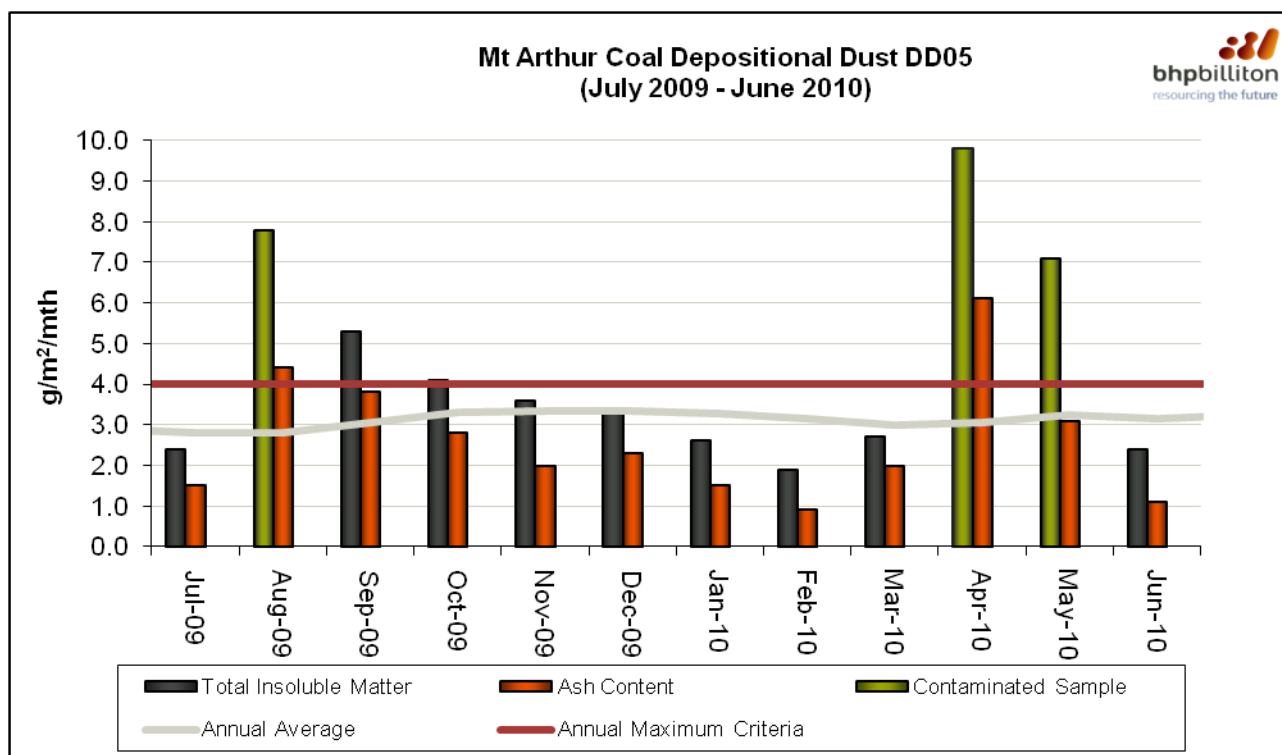
May – Result = 3.9 g/m²/month

Rolling Annual Average is above development consent criteria. Investigations into each elevated result has revealed that Mt Arthur Coal's activities did not contribute to elevated results, therefore the elevated annual average did not result from Mt Arthur Coal's operation.

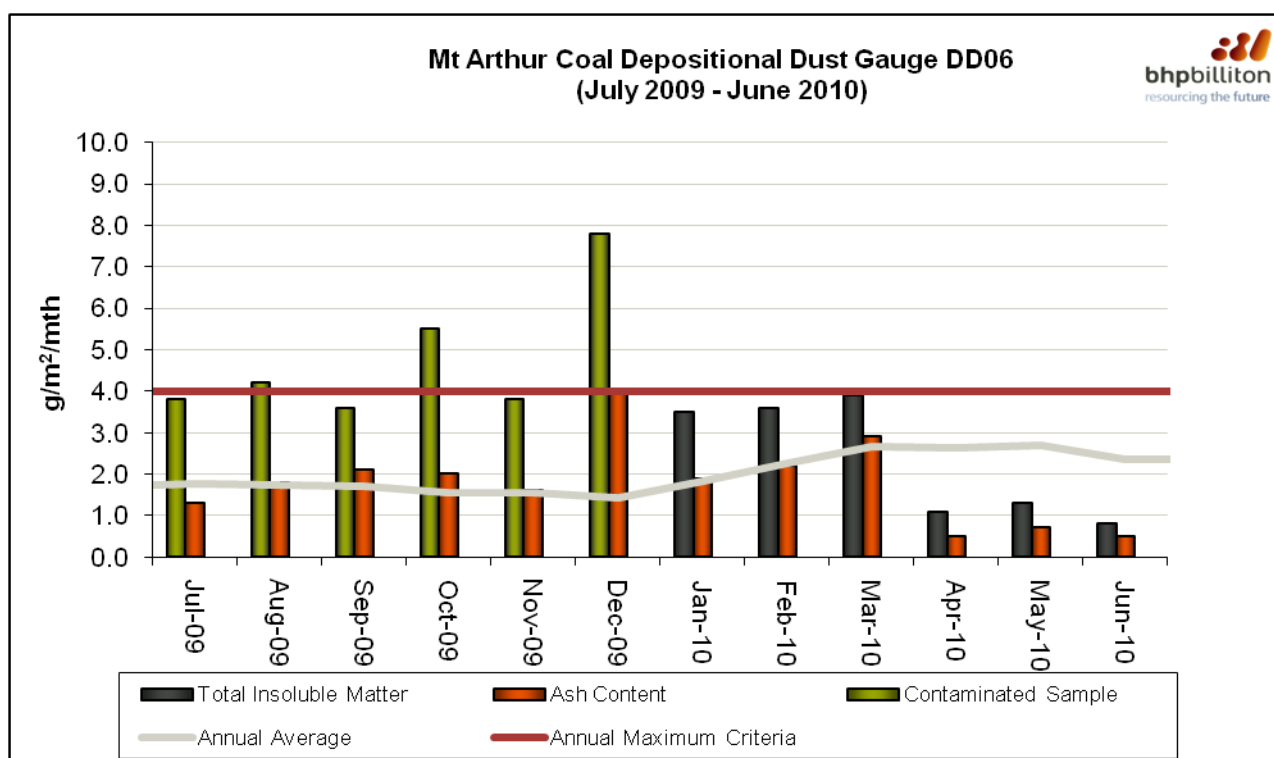


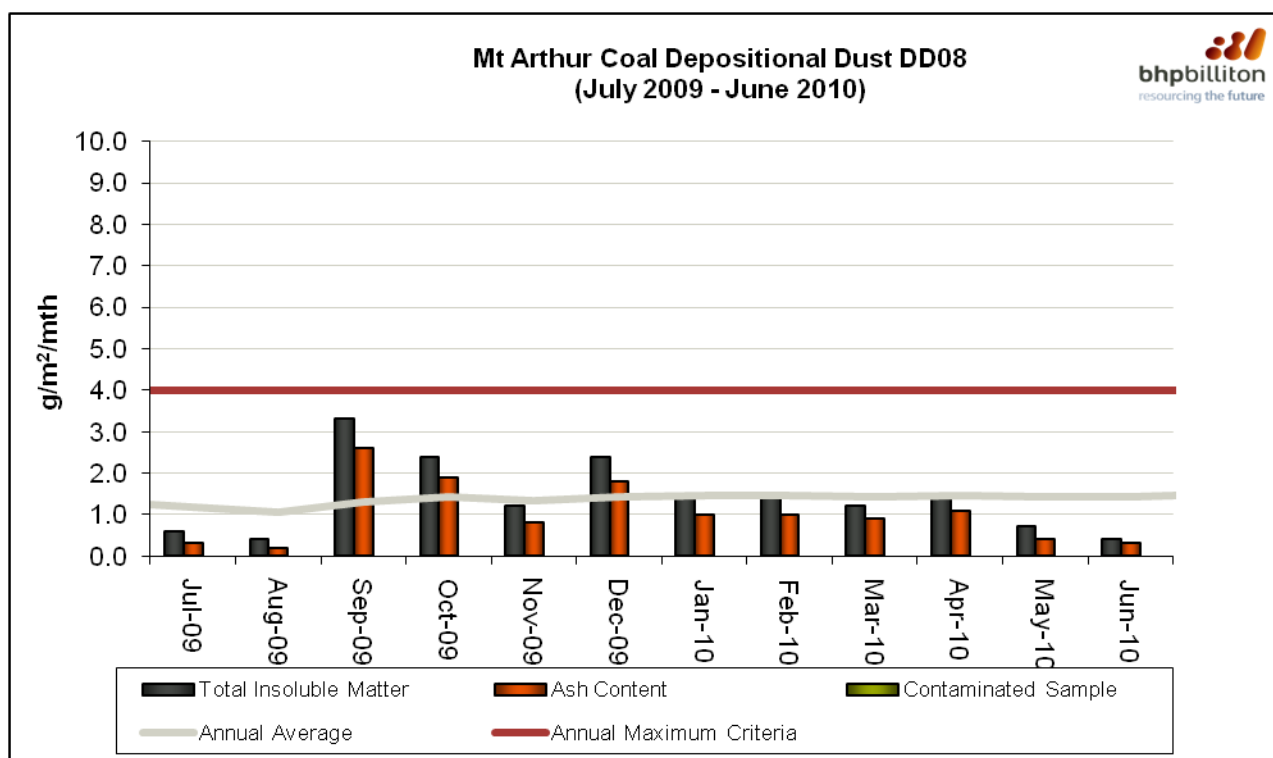
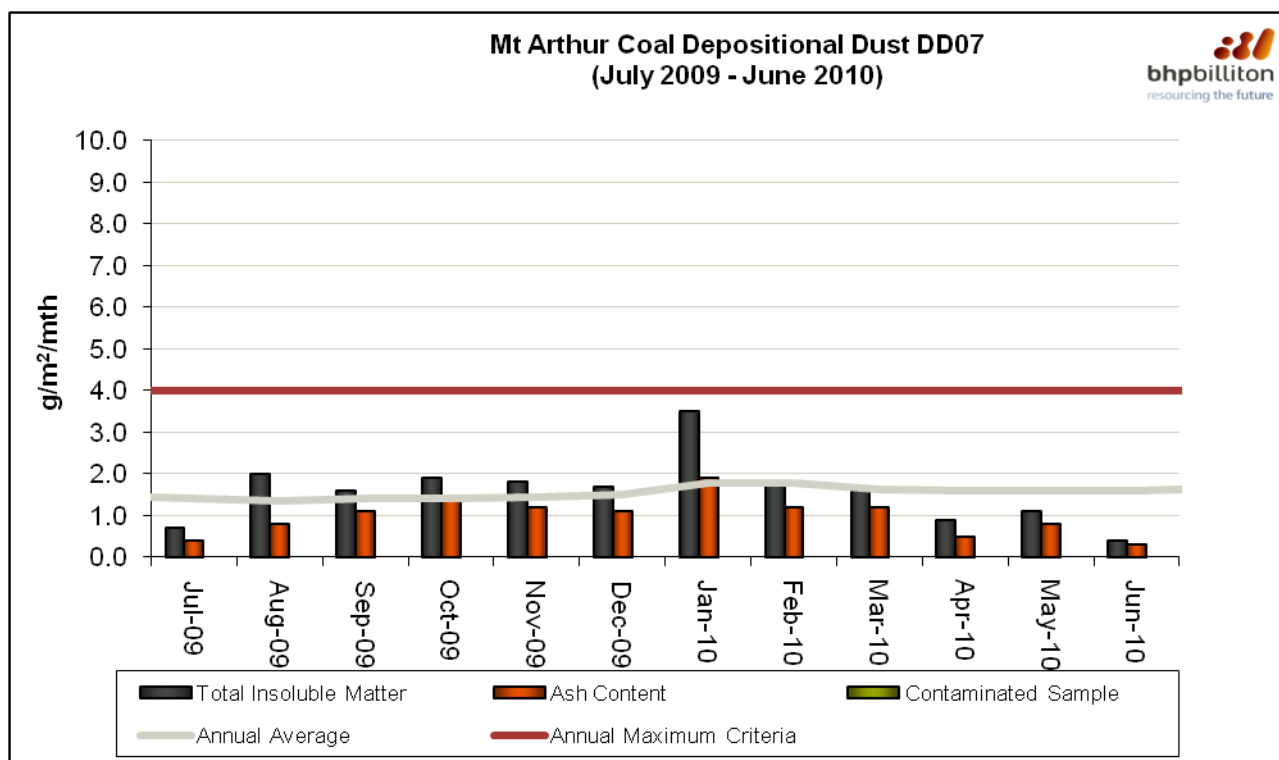
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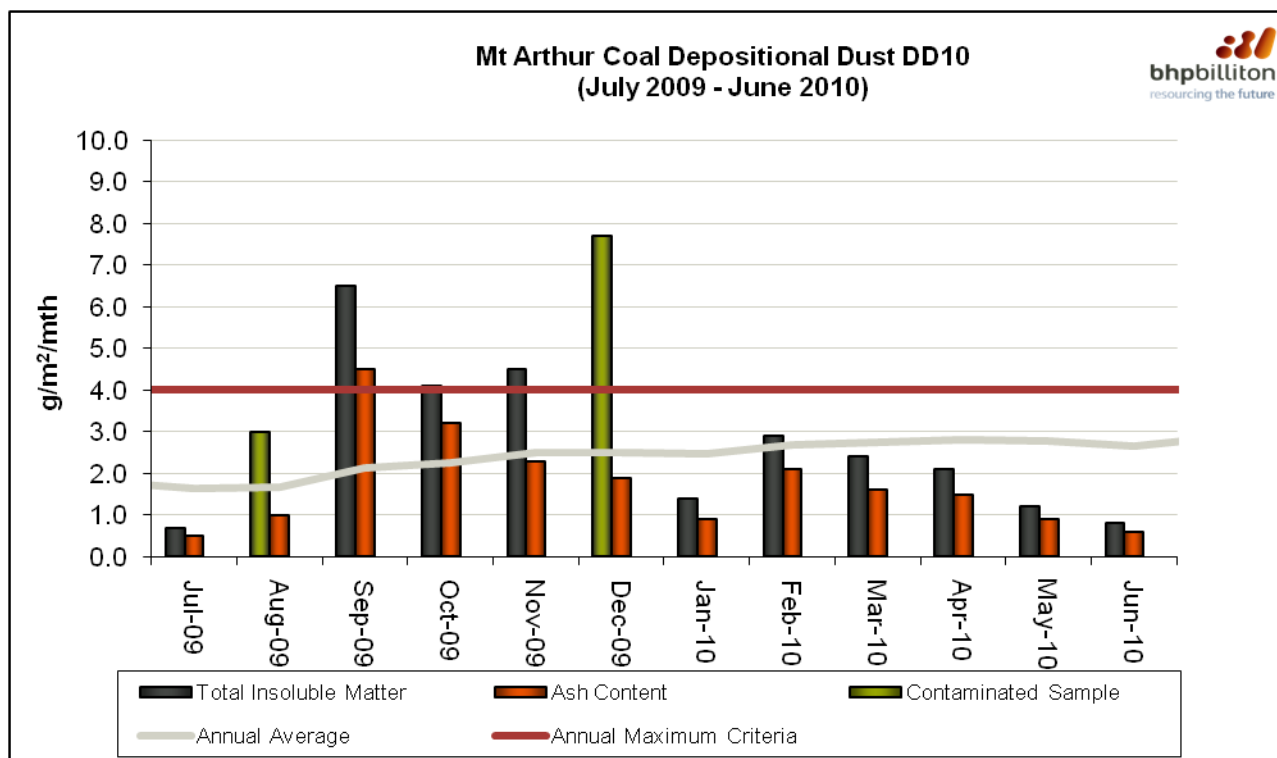
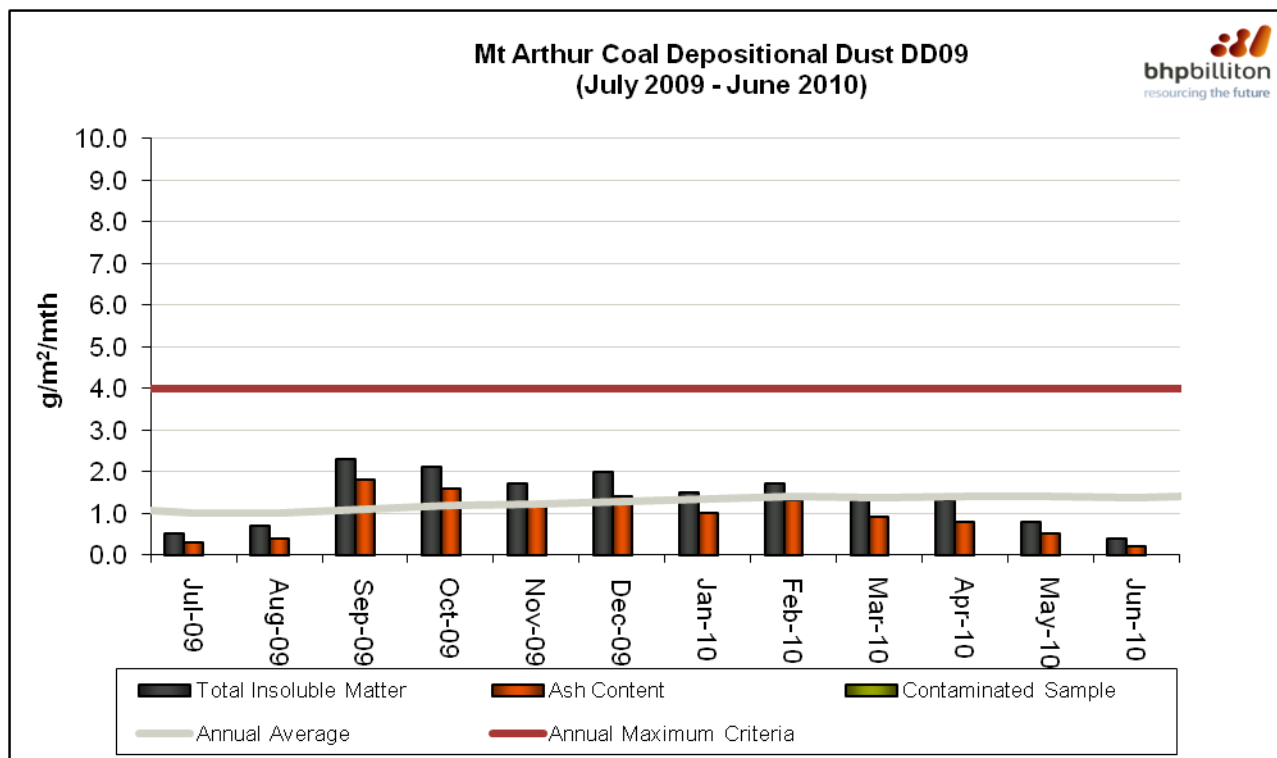


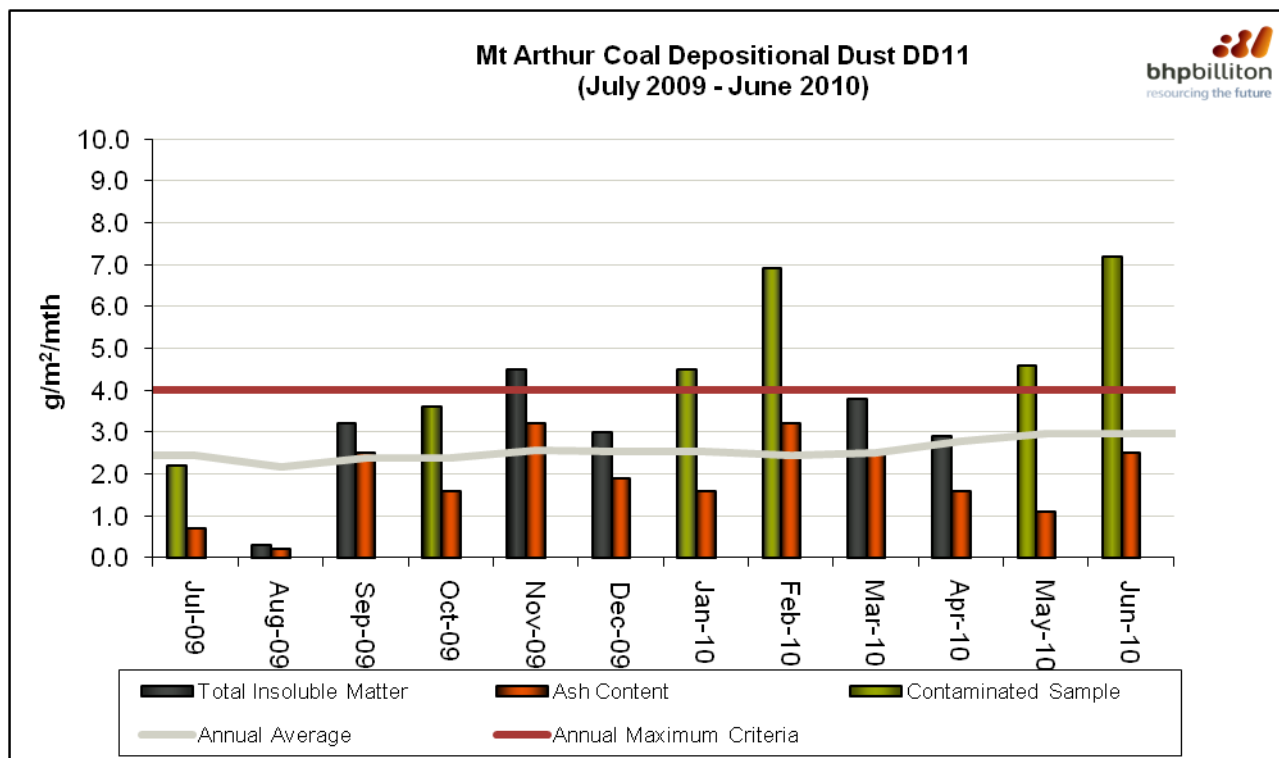


May – Independent monitoring contractor determined that the sample was contaminated with bird droppings and vegetation, therefore excluded from the results.



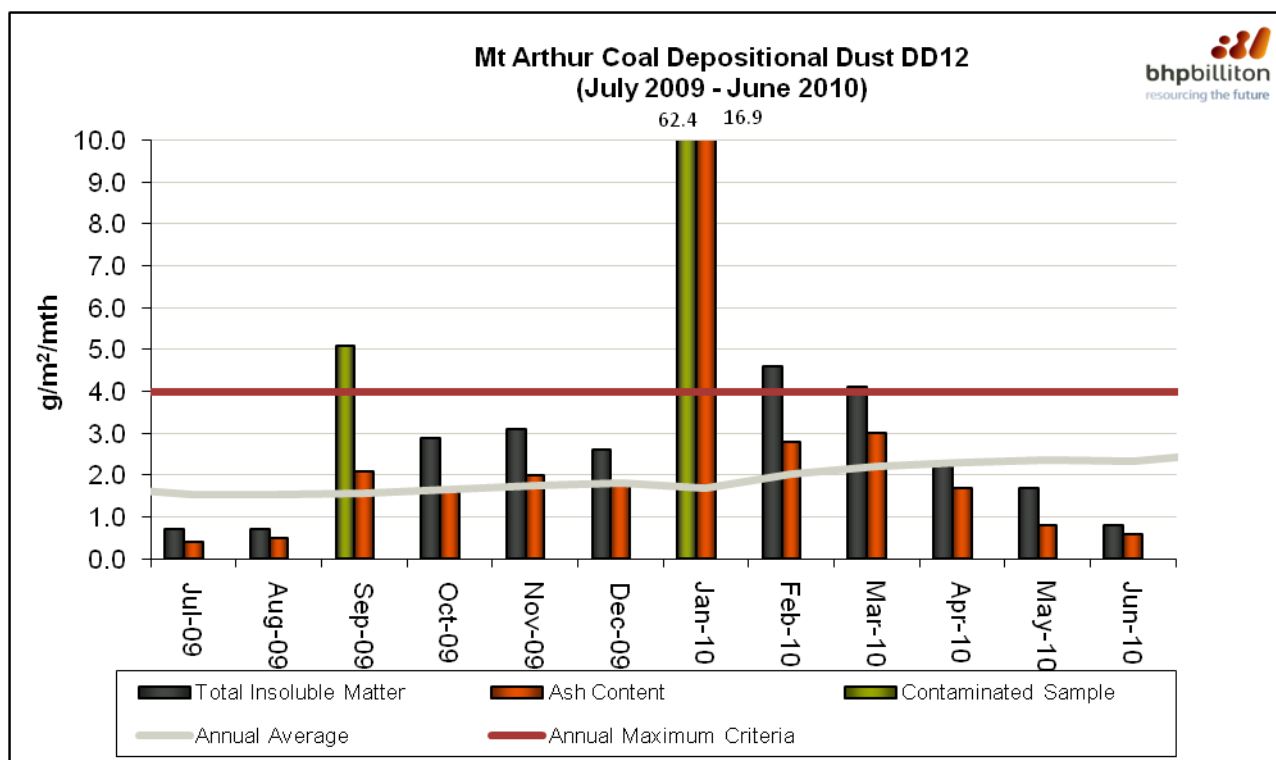


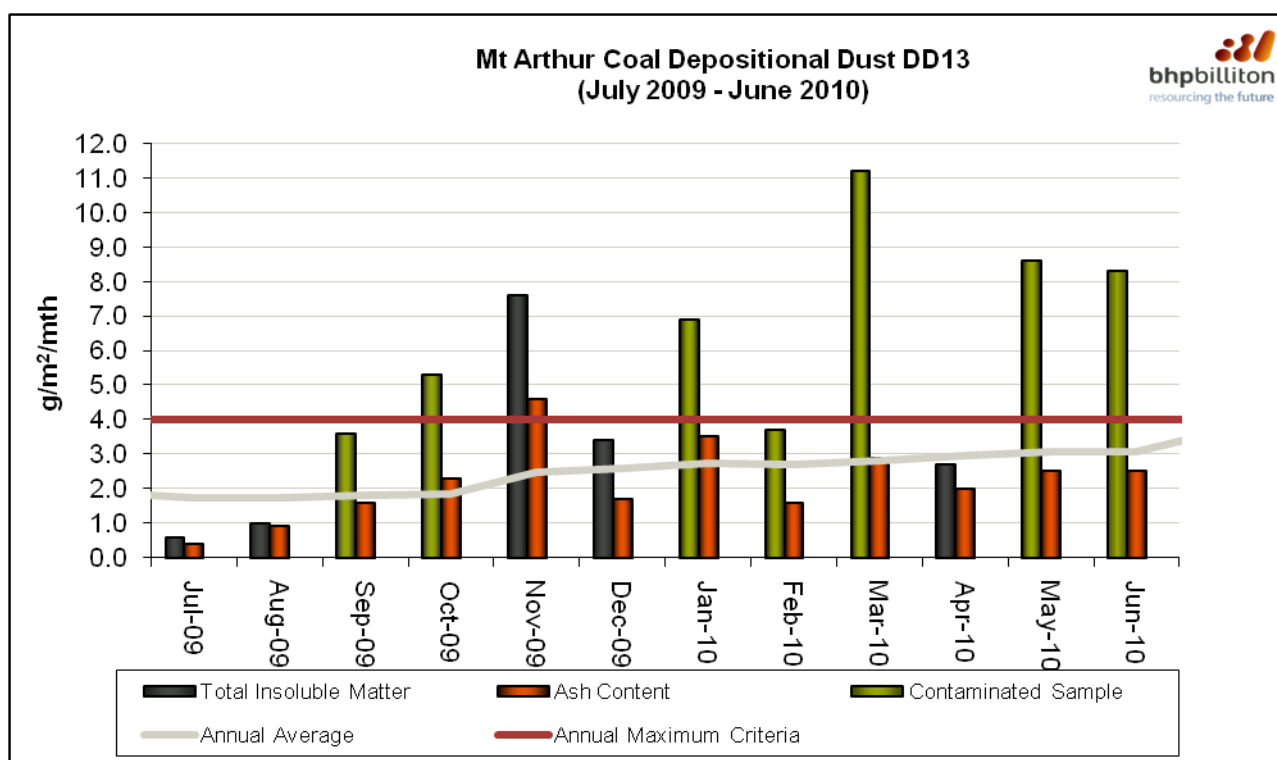




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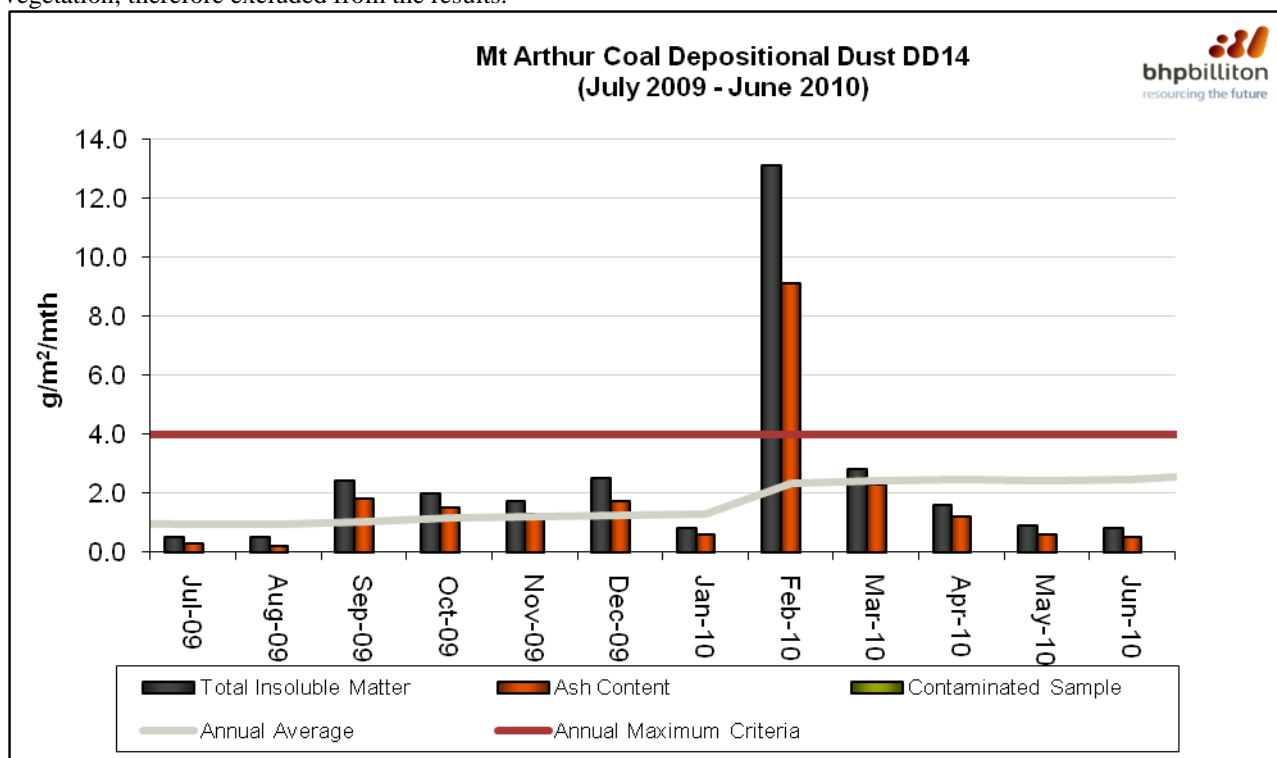
June – Independent monitoring contractor determined that the sample was contaminated with bird droppings and vegetation, therefore excluded from the results.

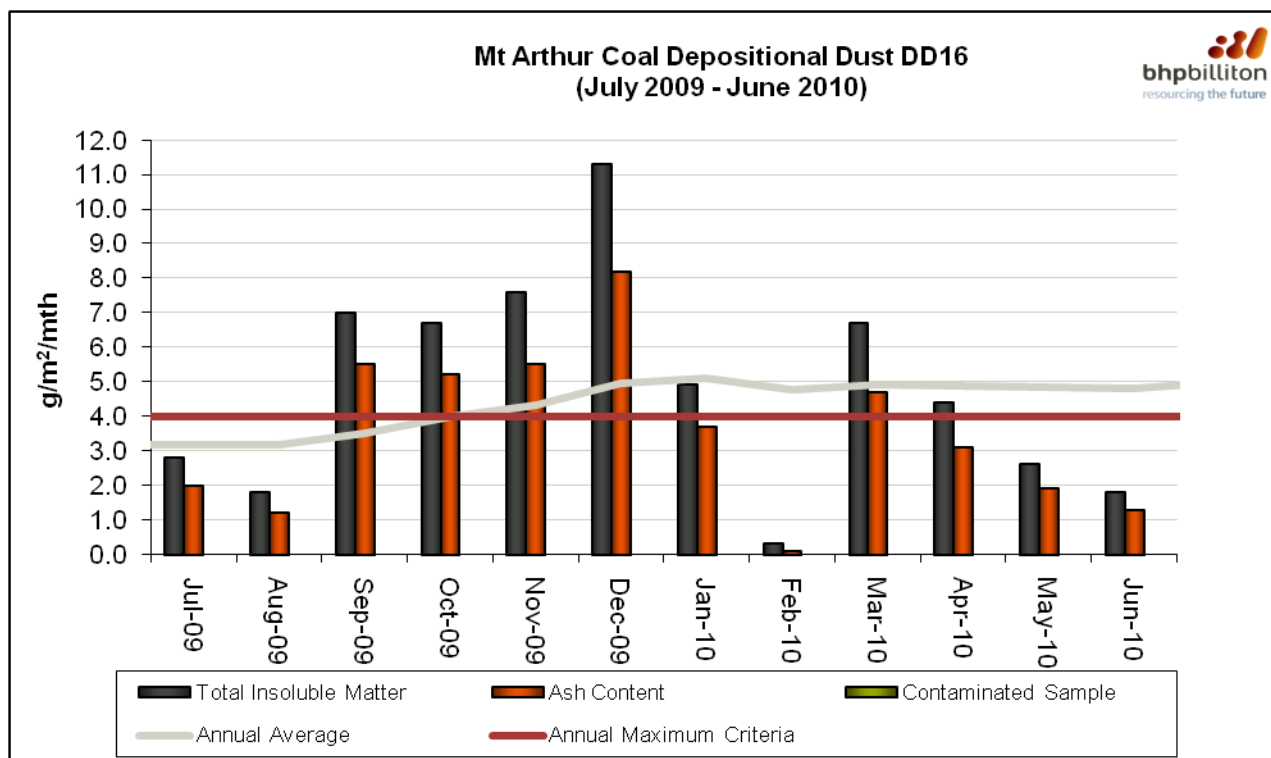
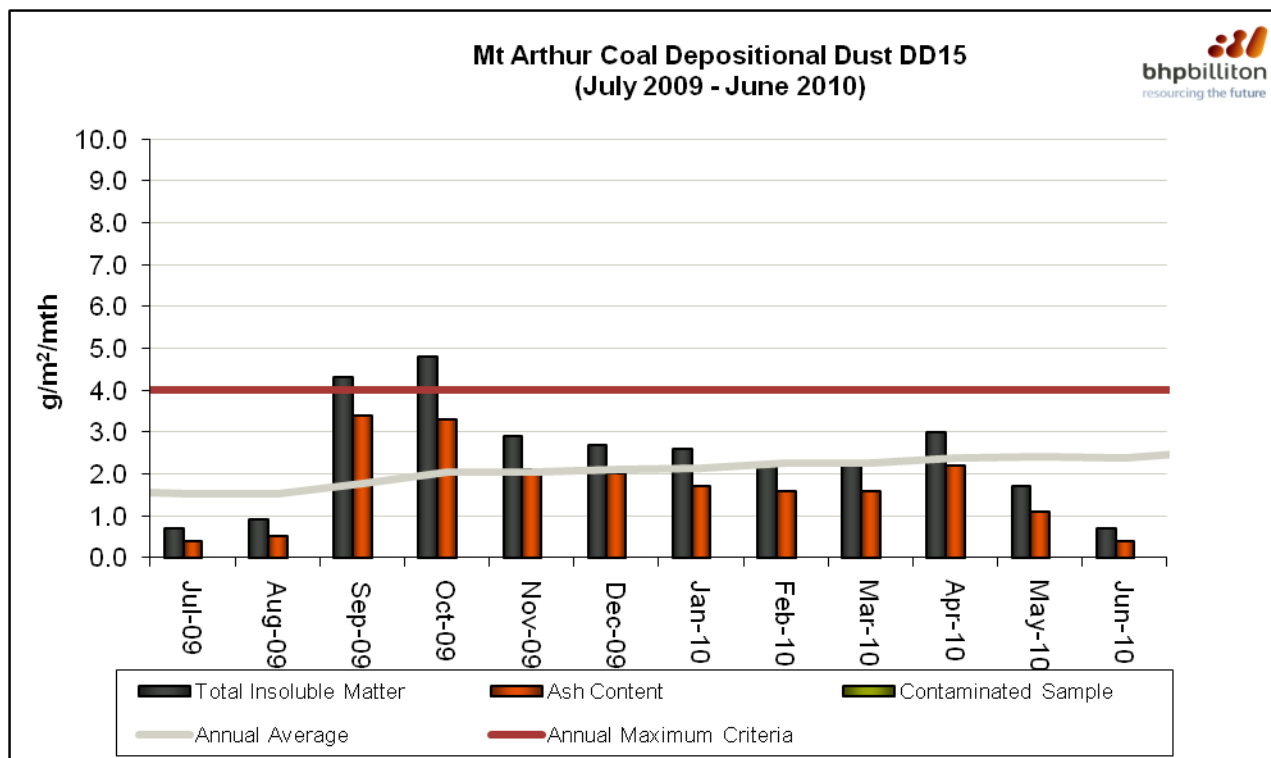




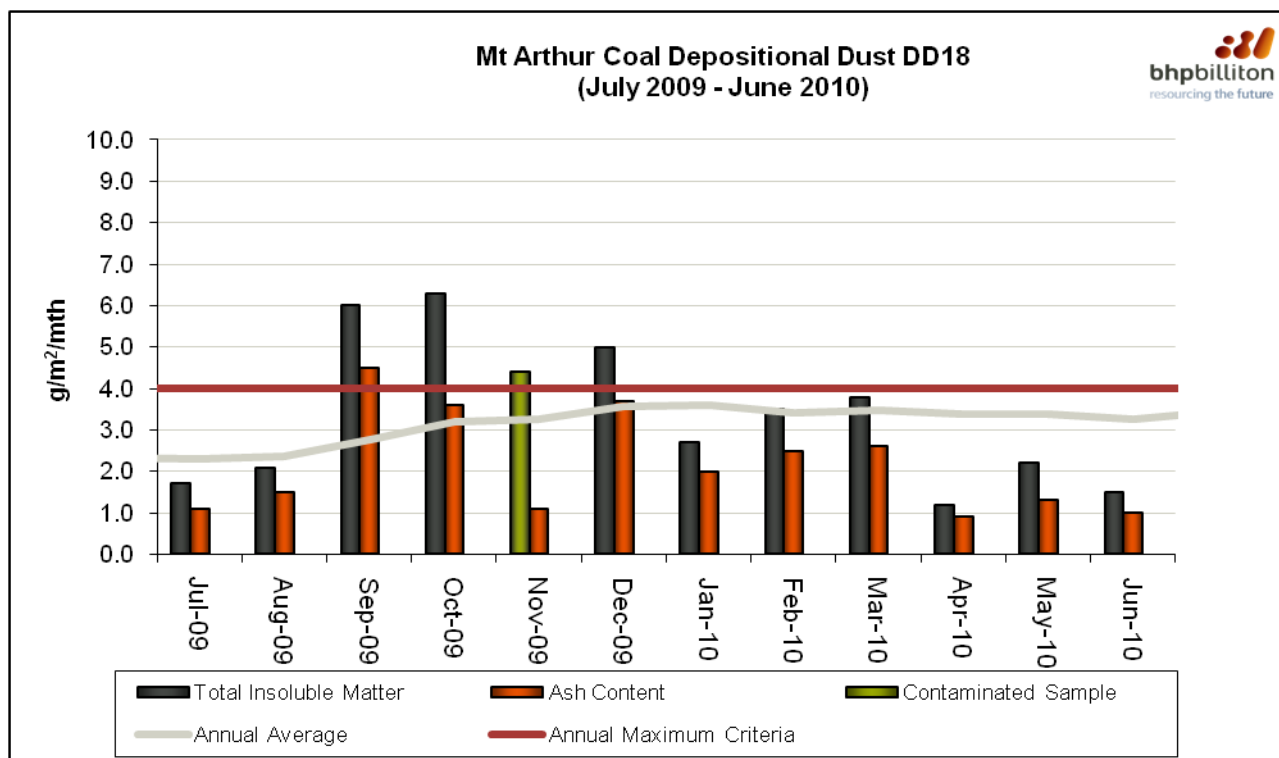
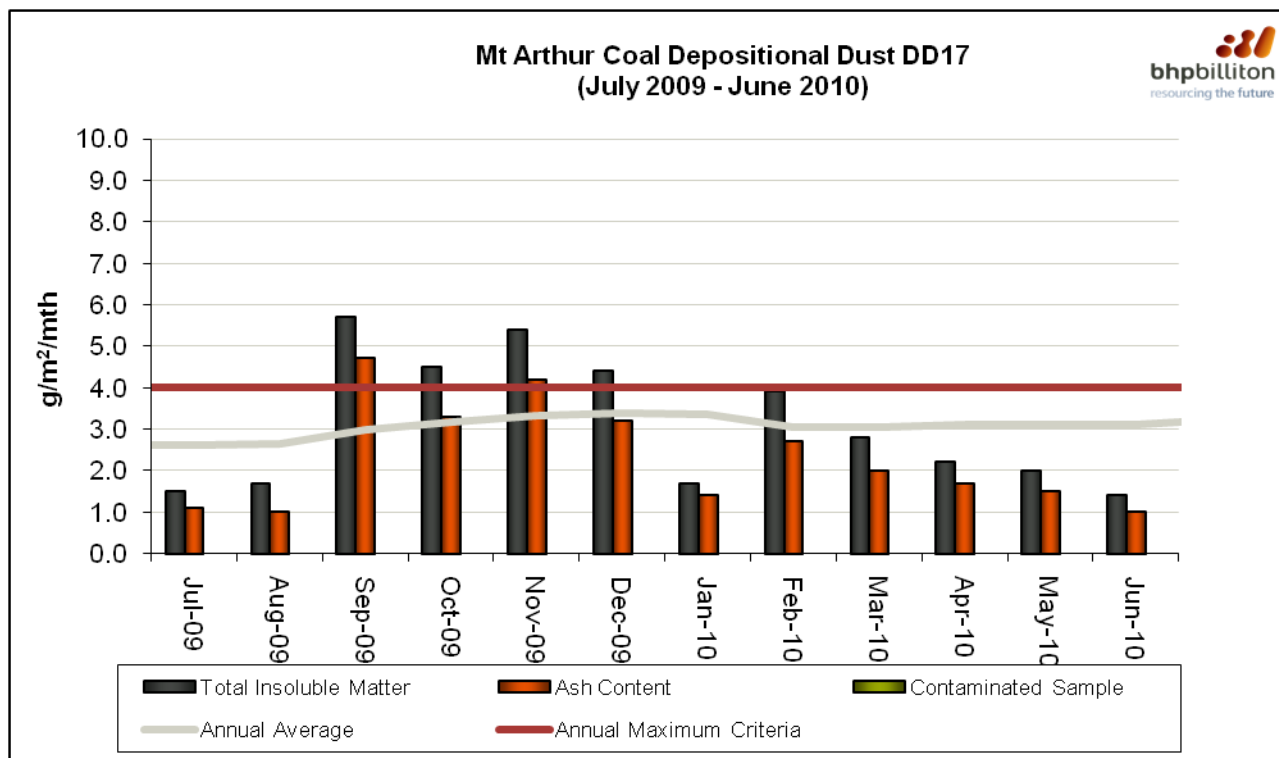
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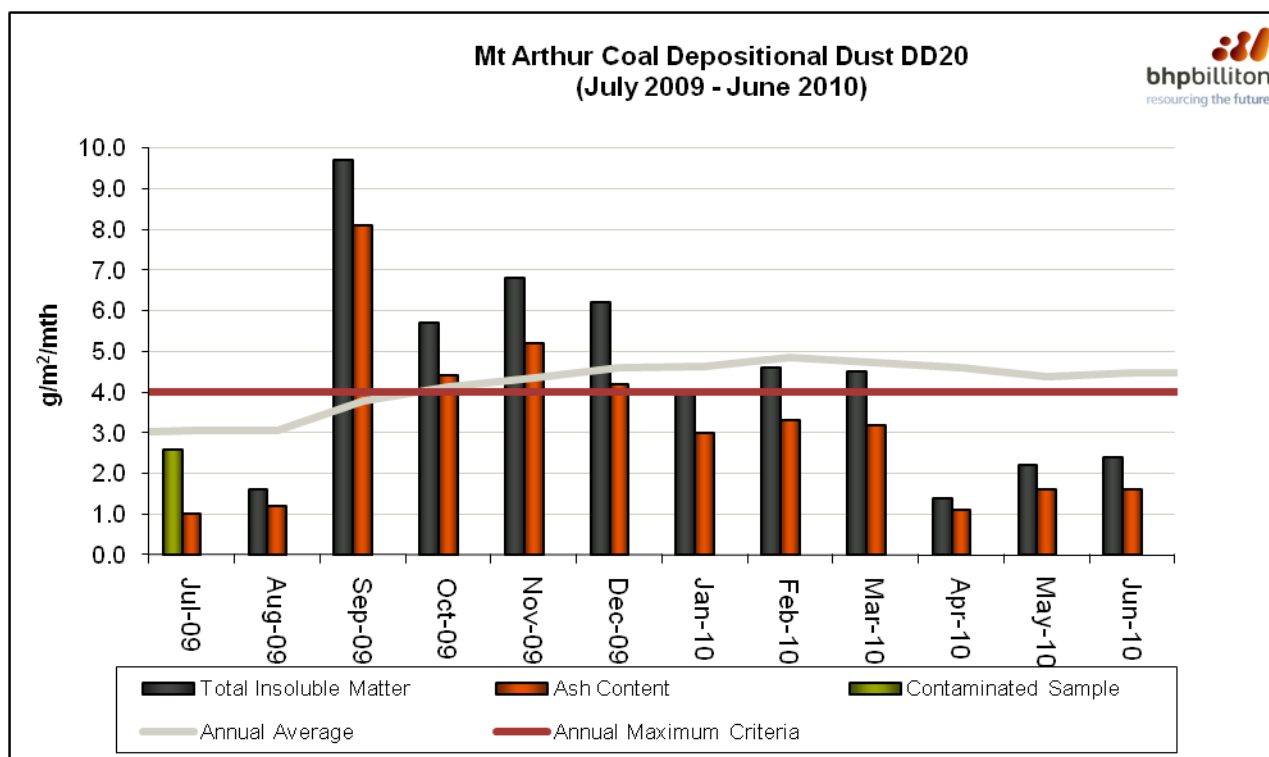
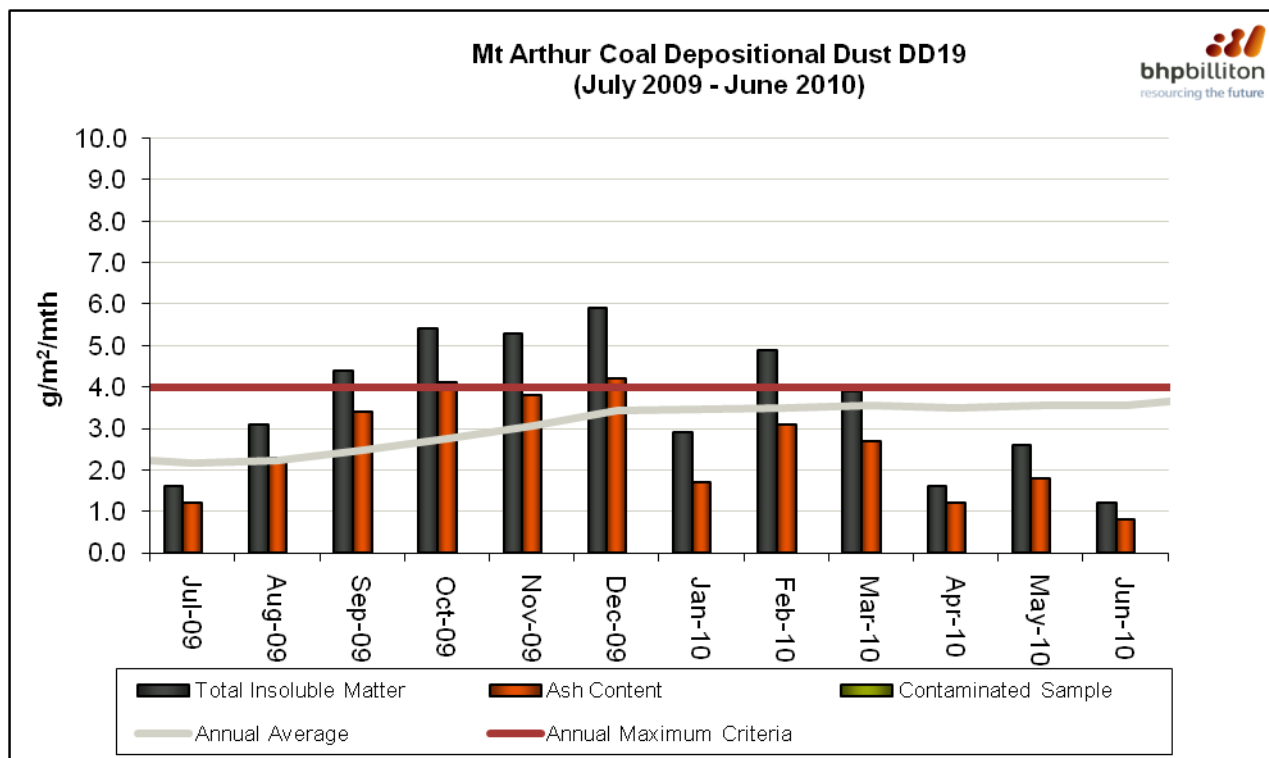
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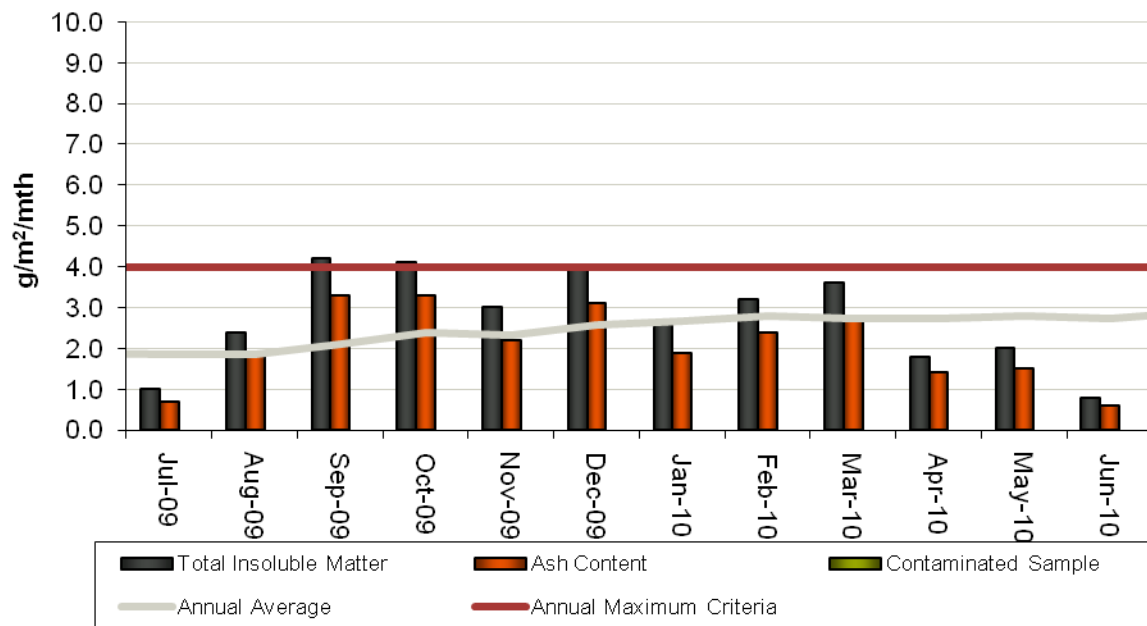
Edinglassie is owned by Mt Arthur Coal. This depositional dust gauge is used for Management purposes only. Mining activity has ramped up in the Windmill pit area, close vicinity to the Edinglassie monitor.



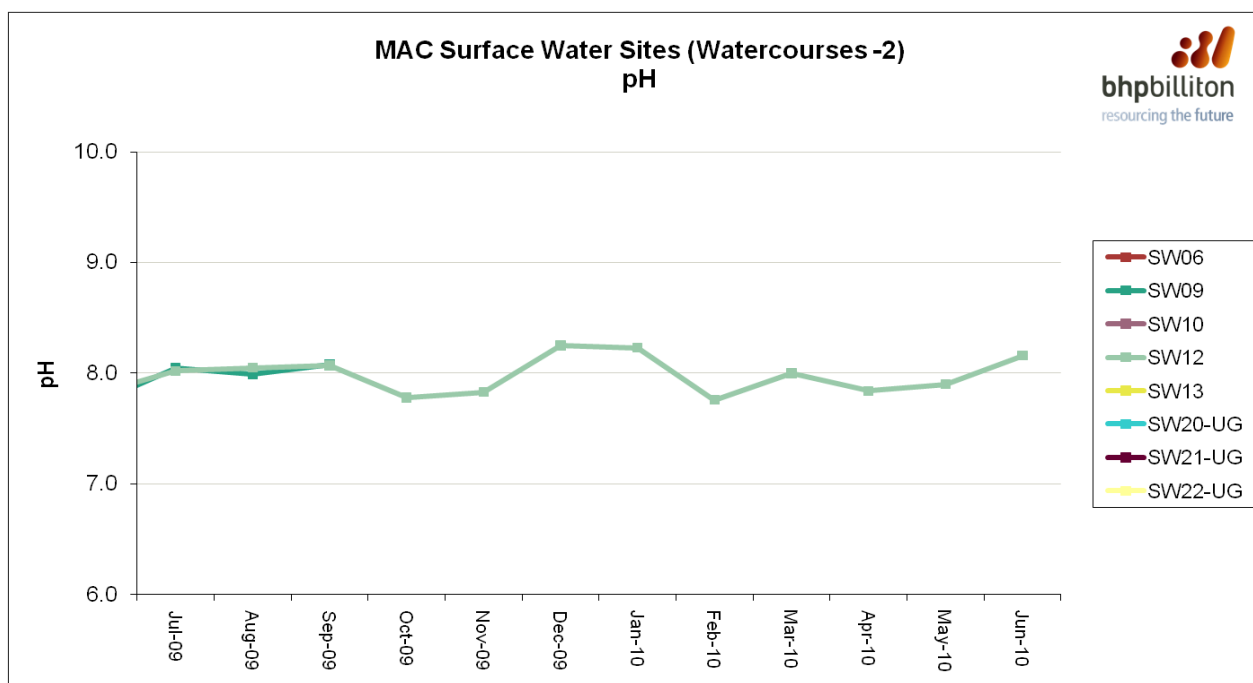
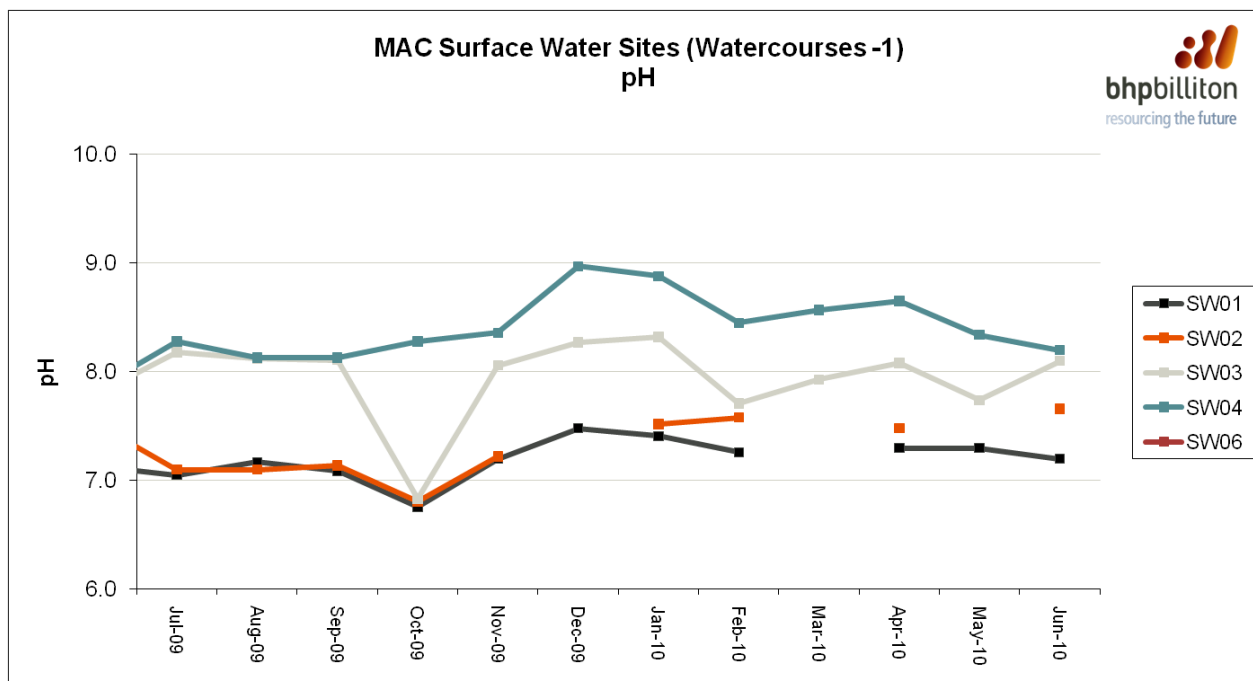


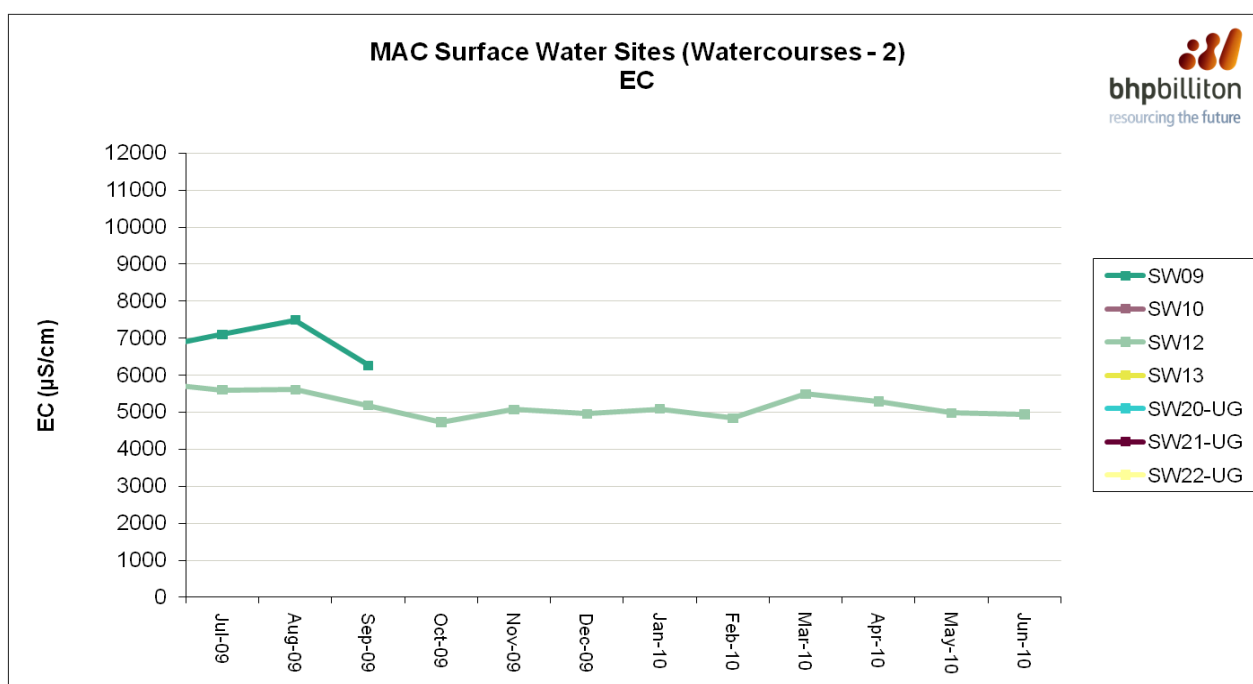
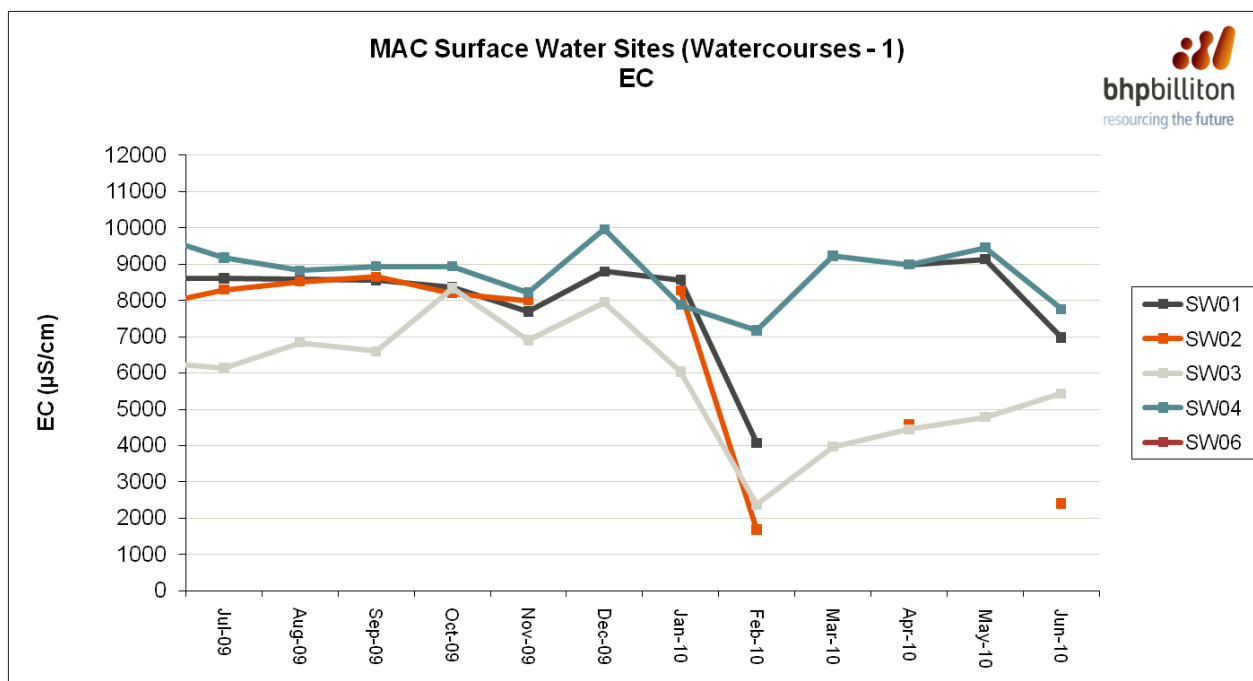
Rolling Annual Average is above development consent criteria. Investigations into each elevated result has revealed that Mt Arthur Coal's activities did not contribute to elevated results, therefore the elevated annual average did not result from Mt Arthur Coal's operation.

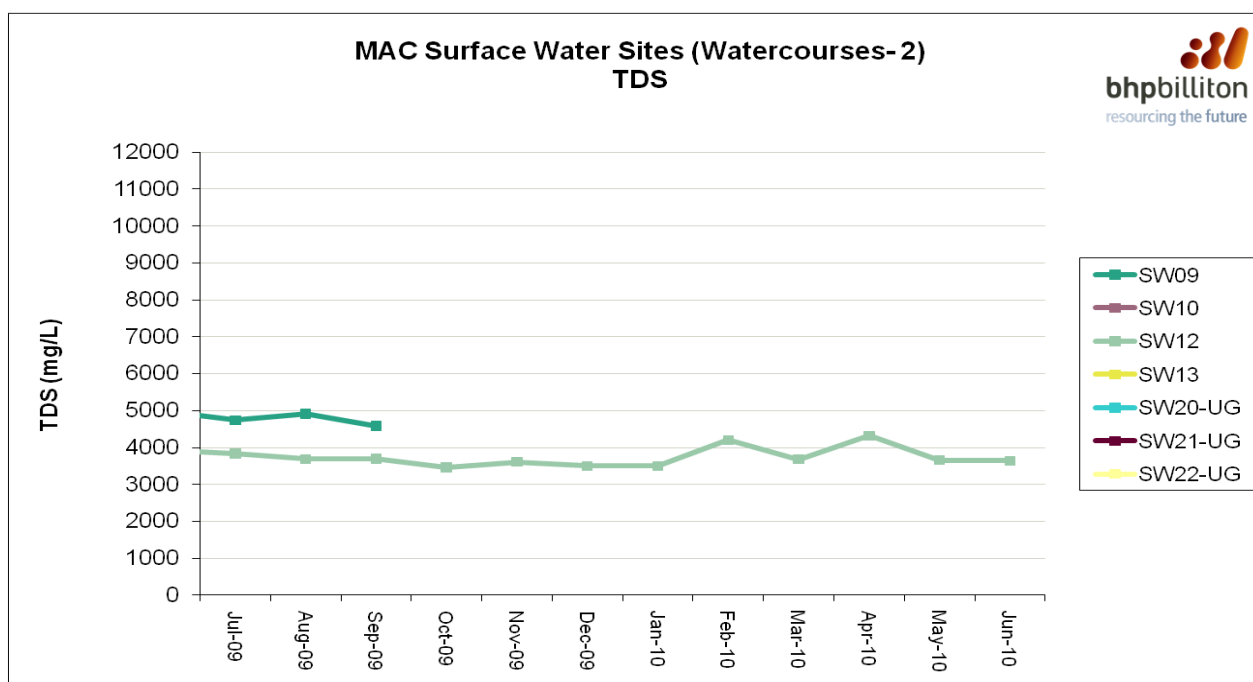
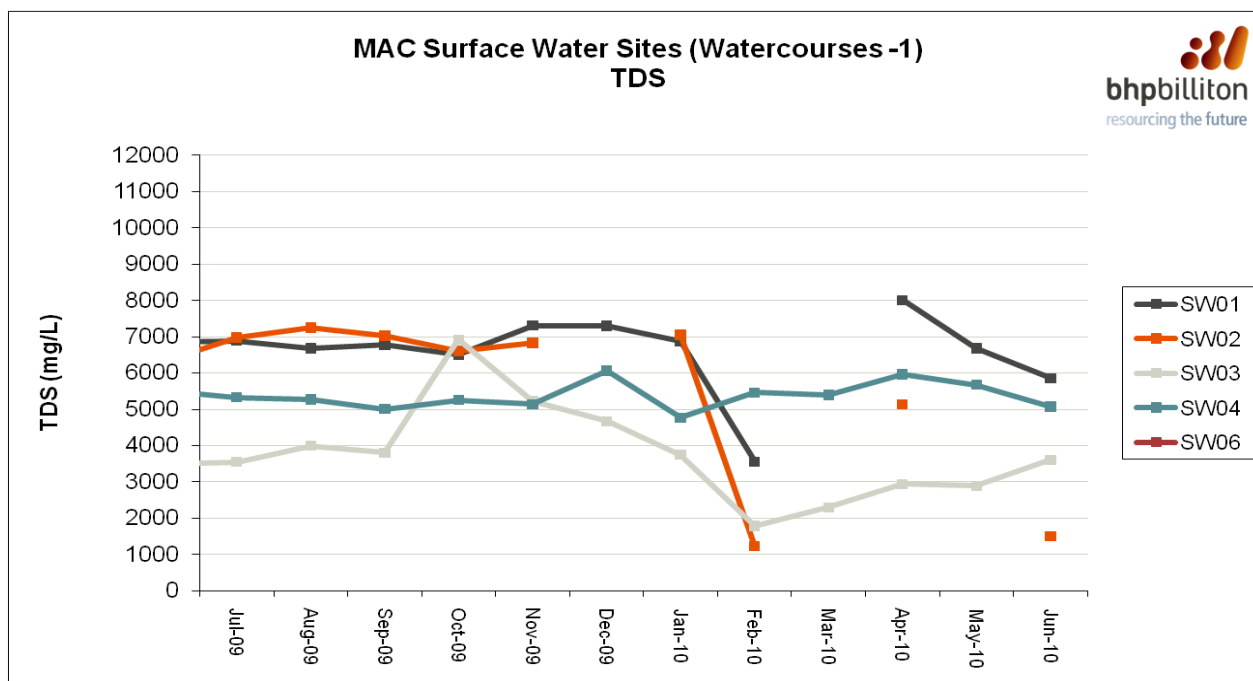
**Mt Arthur Coal Depositional Dust DD21
(July 2009 - June 2010)**

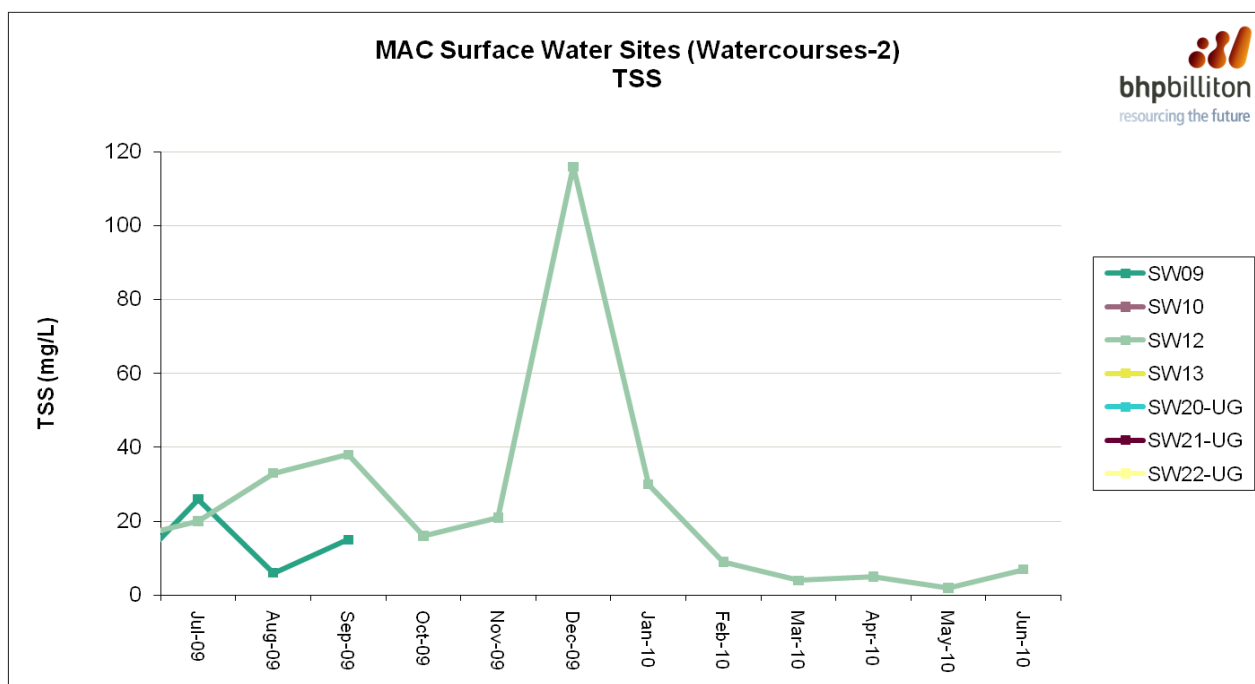
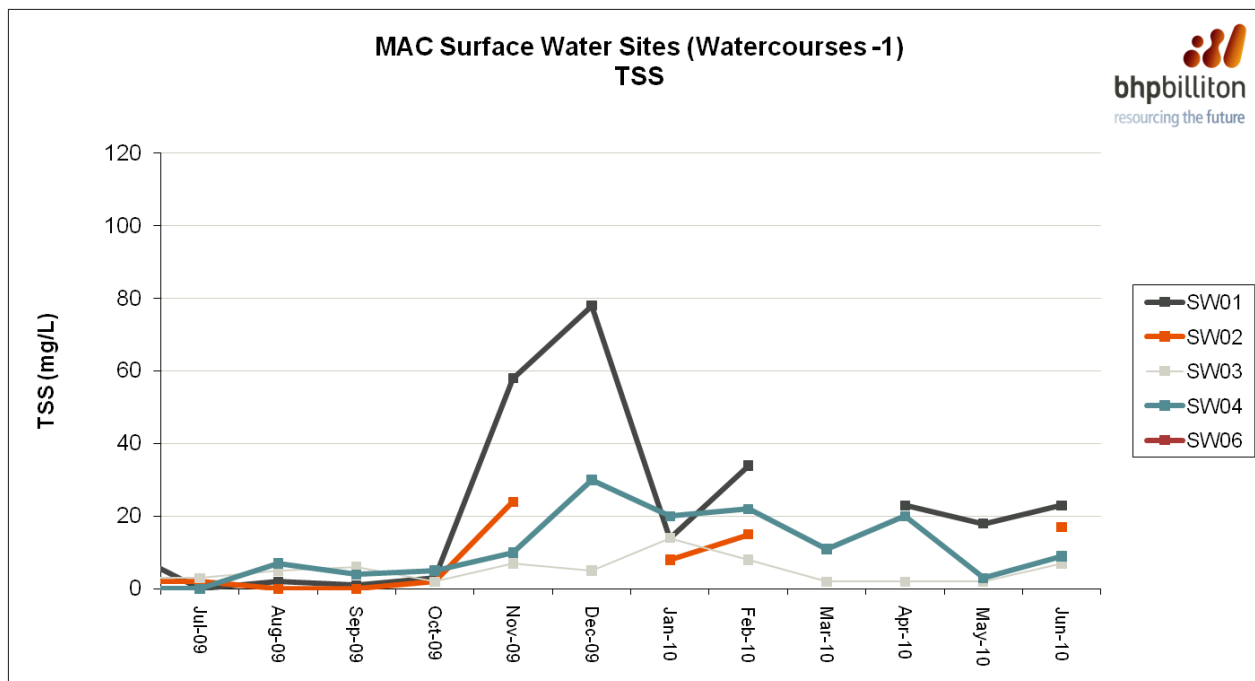


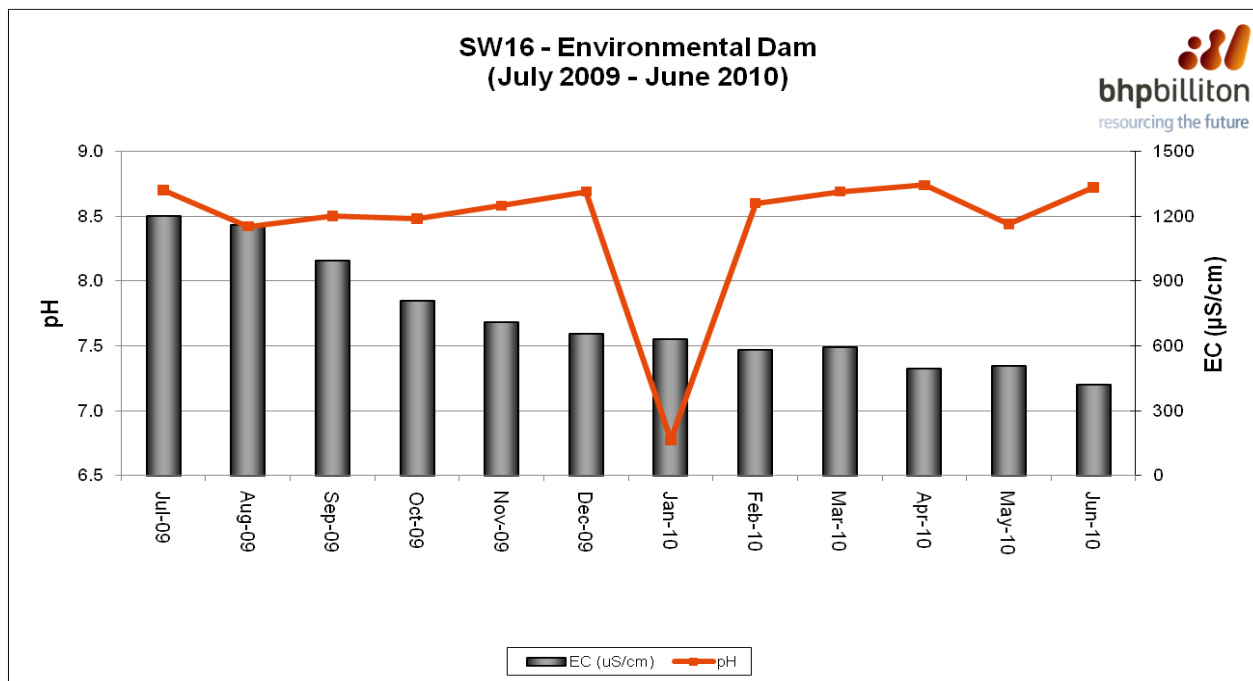
3. Surface Water Data





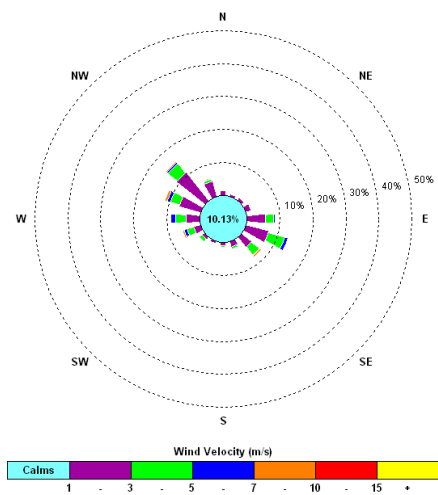




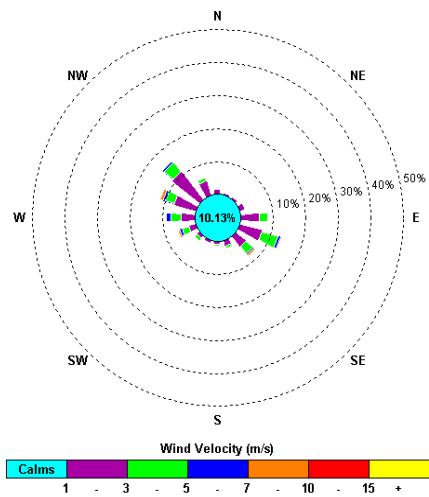


4. **Weather Data** – Monthly Windroses for Mt Arthur Coal Industrial Area
Weather Station

May



June



VAIS512														
	Temperature 2m (C)			Windspeed (m/s)			Sigma Theta			Solar Radiation (W/m2)			Rainfall mm	No. of days
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max		rain >1mm
January	11.4	24.0	39.7	0.0	4.4	14.0	0.0	2.5	24.0	0.0	406.9	1961.1	84.6	5
February	18.1	23.1	31.0	0.0	4.7	12.2	0.0	2.2	14.0	0.0	330.7	1961.1	32.7	4
March														
April	6.0	17.9	28.7	0.0	3.2	13.6	0.0	2.6	14.0	0.0	258.5	1498.7	14.5	1
May	2.3	13.6	25.2	0.0	2.7	13.4	0.0	2.9	14.0	0.0	189.4	1372.4	38.9	7
June	0.0	10.7	18.8	0.0	3.1	13.6	0.0	3.0	28.6	0.0	166.2	1244.2	13.9	4
July														
August														
September														
October														
November														
December														

BAYS1 - Roxburgh South

	Temperature (C)			Windspeed (m/s)			Sigma Theta			Solar Radiation (W/m2)			Rainfall mm	No. of days
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max		rain >1mm
January	12.1	25.5	40.8	0.0	4.1	14.1	0.0	10.8	101.0	6.0	279.6	1276.0	3.0	1
February	15.2	24.5	37.1	0.0	4.6	13.9	0.0	9.3	97.0	6.0	243.4	1306.0	0.0	0
March	11.8	22.3	34.7	0.0	3.9	13.6	0.0	15.1	100.0	6.0	198.9	1124.0	0.0	0
April	5.4	18.5	29.2	0.0	2.6	10.2	0.0	23.0	102.0	6.0	164.2	965.0	0.0	0
May	2.9	14.0	26.1	0.0	2.0	11.4	0.0	31.6	102.0	6.0	117.9	765.0	2.4	1
June	-1.0	11.2	20.3	0.0	2.4	12.2	0.0	30.6	104.0	6.0	106.1	600.0	0.0	0
July														
August														
September														
October														
November														
December														

BAYS2 - Kircheddar Park

	Temperature (C)			Windspeed (m/s)			Sigma Theta			Solar Radiation (W/m2)			Rainfall mm	No. of days
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max		rain >1mm
January	16.4	24.5	39.6	0.0	2.5	8.7	0.0	19.4	101.0				73.4	5
February	15.5	24.3	35.9	0.0	2.7	9.4	0.0	19.2	103.0				39.4	6
March	13.3	22.2	34.1	0.0	2.3	8.4	0.0	19.1	98.0				93.0	4
April	6.6	18.9	29.2	0.0	1.6	7.7	0.0	17.4	98.0				20.4	4
May	5.4	14.6	26.1	0.0	1.3	7.7	0.0	16.2	101.0				67.6	8
June	1.7	11.8	19.4	0.0	1.7	8.7	0.0	15.5	100.0				17.0	5
July														
August														
September														
October														
November														
December														

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

Minutes of Meeting (9)

Location: Mt Arthur Coal Multipurpose Room

Date: Wednesday 28 July 2010

Present: Christine Phelps (CP) Chairperson, Jennifer Lecky (JL) Deputy Chairperson, Graham Guest (GG) Resident, John Bancroft (JB) Resident, Craig Fleming (CF) Muswellbrook Shire Council, Michael White (MW) Mt Arthur Coal, Julie McNaughton (JM) Mt Arthur Coal, Steve Perkins (SP) Mt Arthur Coal, Morgana Gidley-Baird (MGB) Mt Arthur Coal.

Meeting Commenced: 4.10pm

1. WELCOME AND APOLOGIES

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

Apologies

Apologies received from Bruce McPherson (BM) Resident, Raymond Webb (RW) Resident, and Shelley Masterson (SM) Mt Arthur Coal.

2. DECLARATION OF PECUNIARY INTEREST

No pecuniary interests were declared.

3. CONFIRMATION OF PREVIOUS MEETING MINUTES

Moved by JL.

Seconded by GG

4. ACTION POINTS FROM PREVIOUS MEETING

- Weather data now included in information packages prior to bimonthly meeting.
- Surface water data was redistributed to members of CCC with the meeting minutes of the 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

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6. OVERVIEW OF OPERATIONS TO DATE

MW presented information on the following:

- Safety 40% reduction in recordable injuries for FY10
 - A recordable injury is classified as one that requires First Aid Treatment
 - 158 days without any recordable injuries achieved
- Production record for fourth consecutive year

Continued success of the aerial seeding trial 85ha.

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 licensed blast monitoring stations recorded results below Development Consent criteria for May to June 2010 monitoring period;
- There were three road closures in the May to June period;
- 17 Blasts in May to June 2010;
- 14 Blasts were delayed due to adverse weather conditions.

Edinglassie Elevated Result

- Edinglassie monitor recorded an elevated result of 14.31 mm/sec on the 29/06/2010;
- This result is still undergoing investigation by Drill and Blast Superintendant;
- Independent assessment has been conducted by Bill Jordan and Associates;
- DRAFT report has indicated that no impacts resulted from the blast;
- Edinglassie monitor is used for internal management purposes only and is not reportable to Department Environment Climate Change and Water (DECCW).

HVAS

- There were no elevated results in the May to June 2010 monitoring period;
- All HVAS monitoring locations currently have annual averages below relevant Development Consent criteria.

Depositional Dust

- There were no depositional dust gauge results recorded in the May to June 2010 monitoring period that were above development consent conditions;
-

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- All current rolling annual averages are below relevant development consent criteria, with the exception of DD02, DD03, DD16 and DD20;
- DD02, DD03 and DD20 have not been significantly impacted by Mt Arthur Coals operation. Predominant wind direction for each month has recorded elevated results. These gauges are upwind of Mt Arthur Coals operation, other activities have impacted these elevated results;
- Contaminated results for the period were at:
 - DD01 May excessive droppings
 - DD05 May bird droppings and vegetation
 - DD11 May and June excessive bird droppings and vegetation
 - DD13 May and June excessive bird droppings and vegetation
 - Determination of contamination is by a NATA (National Association of Testing Authorities) accredited Laboratory. NATA is Australia's national laboratory accreditation authority.

Surface Water

- There are no significant variations in pH or EC in the sampling period.

8. OVERVIEW OF COMMUNITY SUPPORT

Major Sponsorship Events & Participation:

- St James Primary School Golf Day
- Denman Children's Centre Association
- Upper Hunter Community Services – MOOSH Storage
- Cancer Council Relay for Life
- Upper Hunter Motoring Association
- Darlington Rural Fire Brigade – Thermal Imaging Camera to be shared with Muswellbrook
- Muswellbrook PCYC
- Challenge Disability Services – New Uniforms

Matched Giving – BHP Billiton Sponsorship

- Of significance \$17, 000.00 donated to St James Primary School to purchase new computers through Matched Giving;
- BHP Billiton's Matched Giving Program will match employee donations, volunteer hours and fundraising efforts in the community – up to \$40,000.00 per employee a year;
- For each hour of employee volunteer work in the community BHP will donate \$10.00 per hour to that registered not-for-profit group;
- Fund raising, either through being sponsored for involvement in an event such as a run, bike ride or organising a fundraising event such as selling raffle tickets;
- Cash donations to non-profit organisations, both one-time and ongoing – i.e. Disaster Relief;

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- Organisation eligible to receive a matched grant include non-profit, charitable, social welfare, educational, cultural, environmental or community organisations or projects that are providing a community service.

Community Contributions

- 50% Community Development
- 23% Education and Training
- 20% Culture
- 6% Health
- 1% Environment

Complaints

- 4 Vibration
- 1 Noise

All blasting complaints received in May to June came from a single resident on Denman Road.

One operation noise complaint received on Wybong Road.

Community Development fund

- Focus areas: health, environment, community development, arts, education, sports and recreation;
- Resource industry historically viewed as community “cash cow”;
- Must ensure more sustainable focus;
- Post graduate study at Queensland University in conjunction with Minerals Council of Australia focusing on delivering stronger focus on sustainable community projects;
- Need to get the spread of money across focus areas in better alignment;
- Mt Arthur Coal talks and meets regularly with Muswellbrook Shire Council community and economic development team to ensure alignment on understanding of community needs to avoid duplication of support.

Community Sponsorship Process

- Quarterly sponsorship rounds;
- Application available on BHPB website – submitted via mail or email;
- ALL applications must be on MAC form to fairly compare information;
- 90% of queries are over phone – forms emailed/sent directly by Community Relations Coordinator;
- Ensure Muswellbrook Council Grants Officer aware of our rounds and have all contact details to give to community (via Council booklet);
- In contact with local MP's to ensure they have copy of rounds timings and contact details. Muswellbrook Business Enterprise Centre refers applicants regularly;

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- Latest Community Matters has dates for rounds on it and contact details (every household in Muswellbrook, Denman, Aberdeen via Aust Post mail out);
- General word-of-mouth from community leads to most applications being submitted;
- Mt Arthur Coal forwarded general letters advising of fund and rounds timing to 40 community groups last quarter;
- Applicants notified at end of round period whether successful or not;
- Each applicant encouraged to consider where our employees support can be offered also (MOOSH example).

9. GENERAL BUSINESS

Nil

10. NEXT MEETING DATE

Fourth Wednesday of month, 22nd September 2010

Topics for discussion at the next meeting:-

- MAC Consolidation Project Update

Meeting Closed: 6:00pm

ACTION ITEM NO.	ITEM	ACTIONED BY
1	Discuss sigma theta	MGB
2	Discuss how inversion is measured	MGB
3	Follow up weather data BAYS1 (Sigma Theta and Rainfall)	MGB
4	Follow up on SW16 surface water pH in January 2010	MGB