

MT ARTHUR MINE COMPLEX
COMMUNITY CONSULTATIVE COMMITTEE MEETING

Wednesday 22nd September, 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
4:30	8 Overview of Community Support	MAC
4:40	10 General Business	MAC
4:50	11 Next Meeting Date	Chairperson
5:00	12 Meeting Close	Chairperson

Environmental Monitoring Data (July – August 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 (July – August 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:

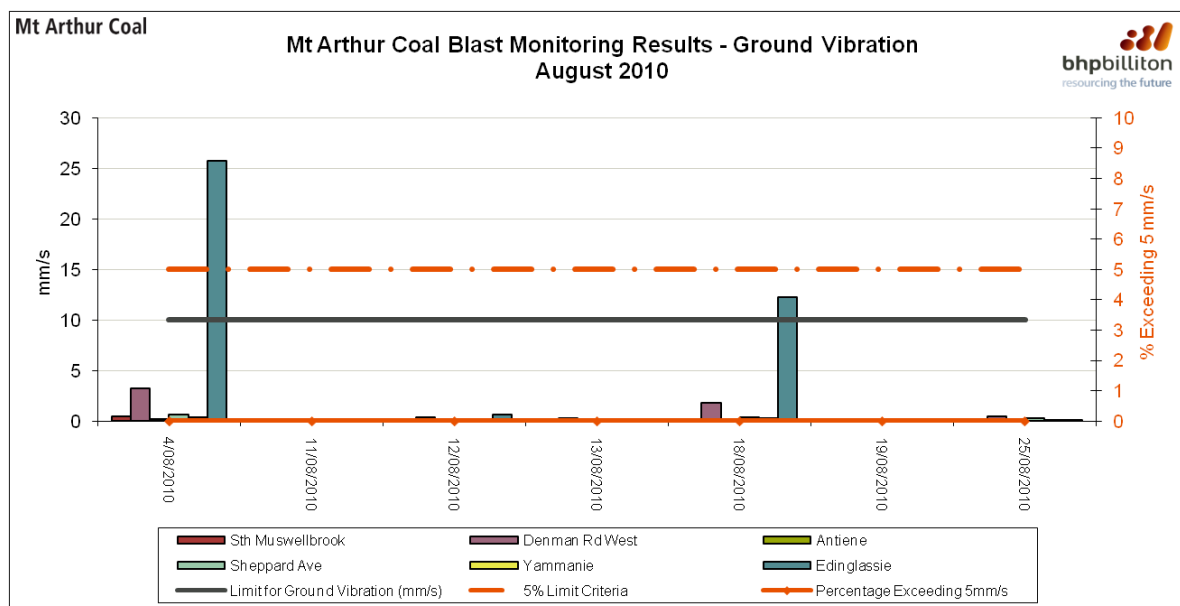
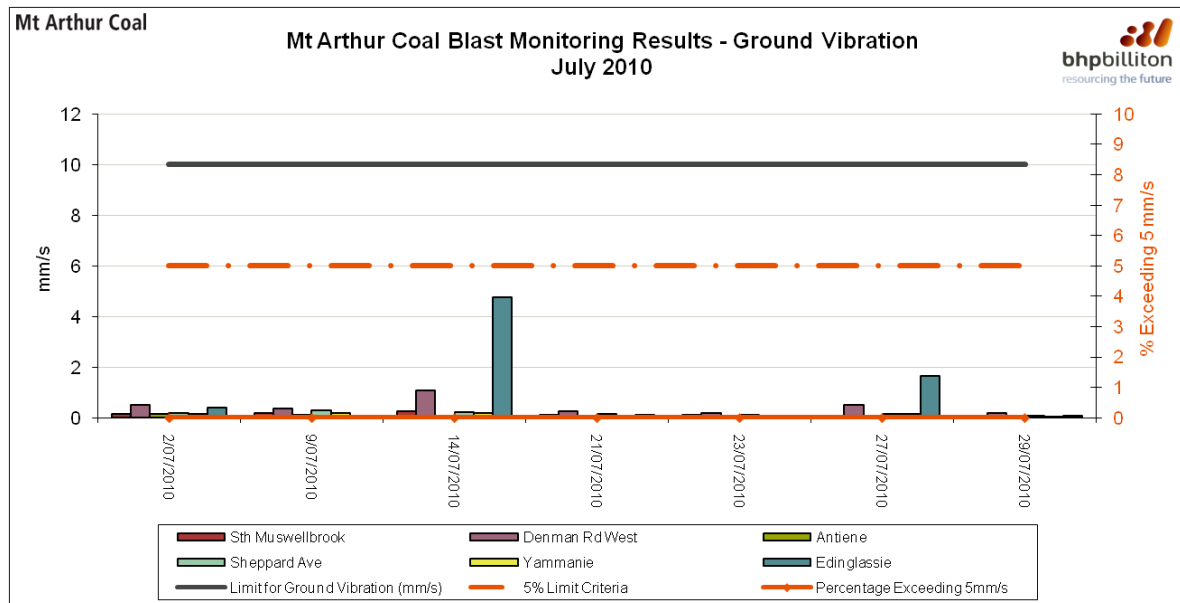
(a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period;
and

(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:

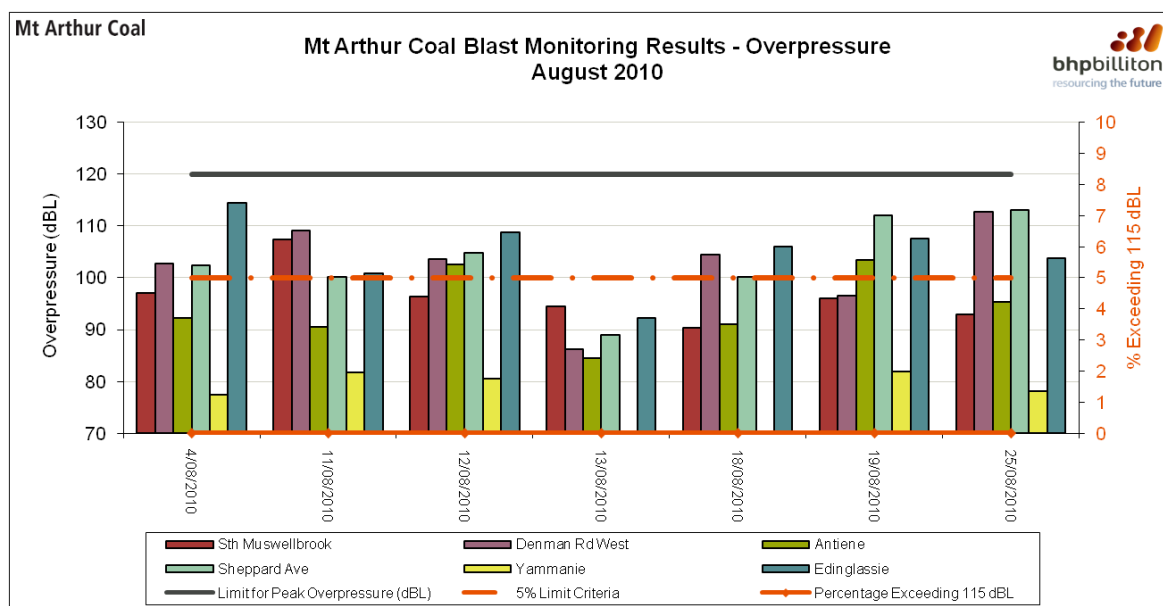
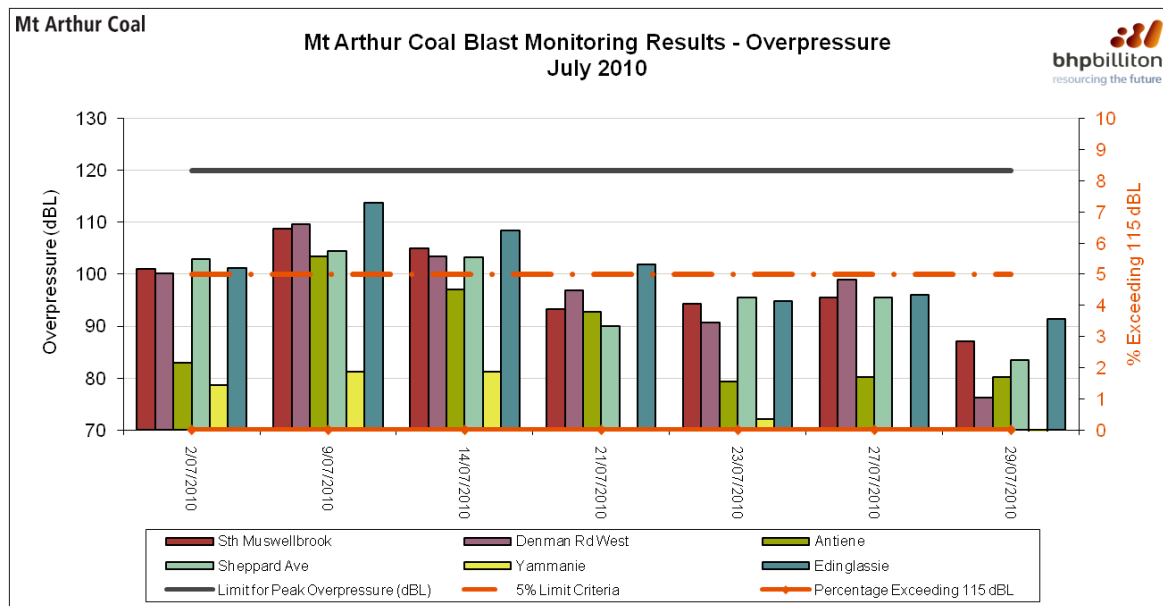
(a) 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period; and
(b) 10 mm/s at any time”

Ground Vibration



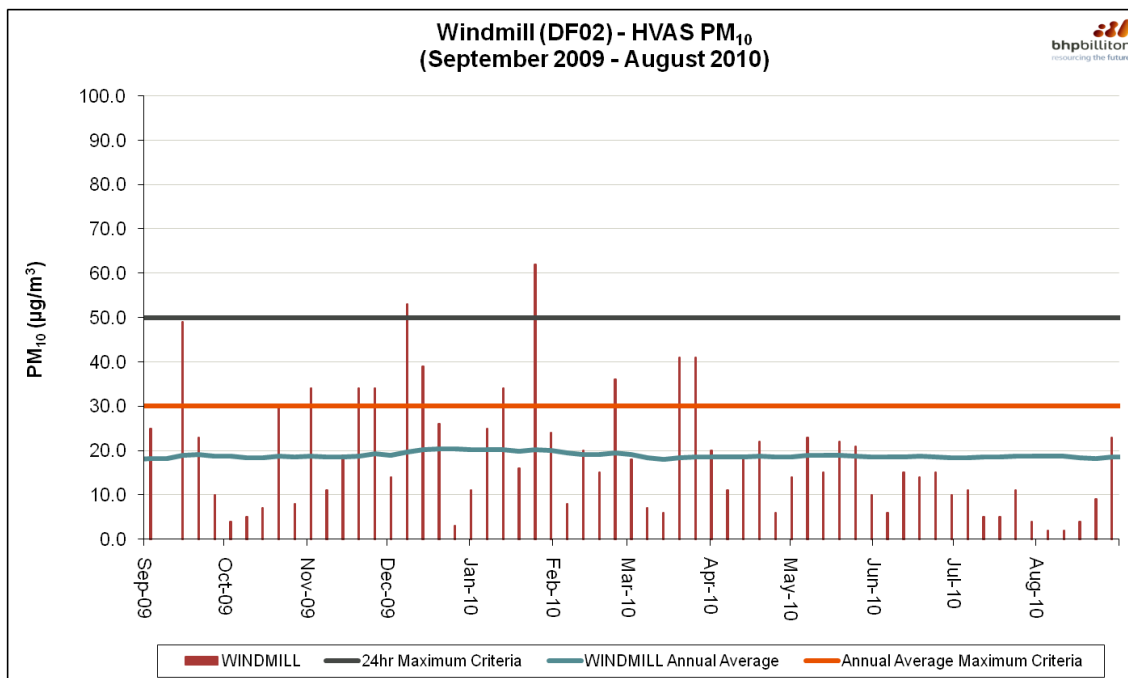
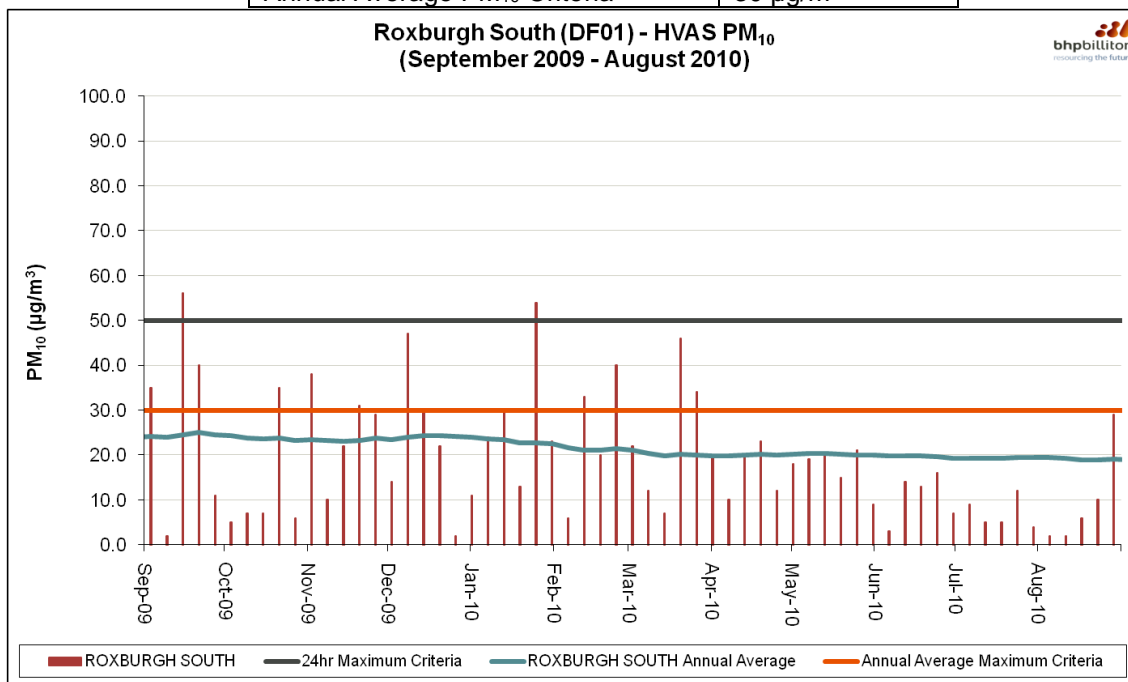
4-8-2010 Windmill blast 25.72 mm/sec result obtained at Edinglassie. This will be discussed at the meeting.
18-8-2010 Windmill blast 12.23 mm/sec result obtained at Edinglassie. This will be discussed at the meeting.

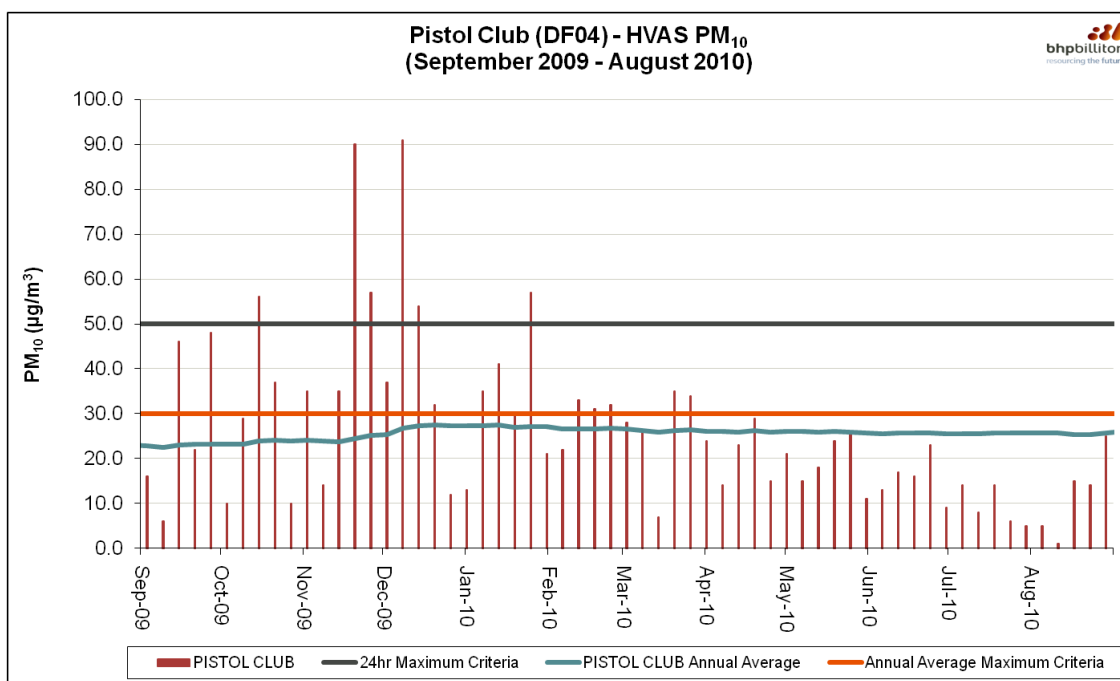
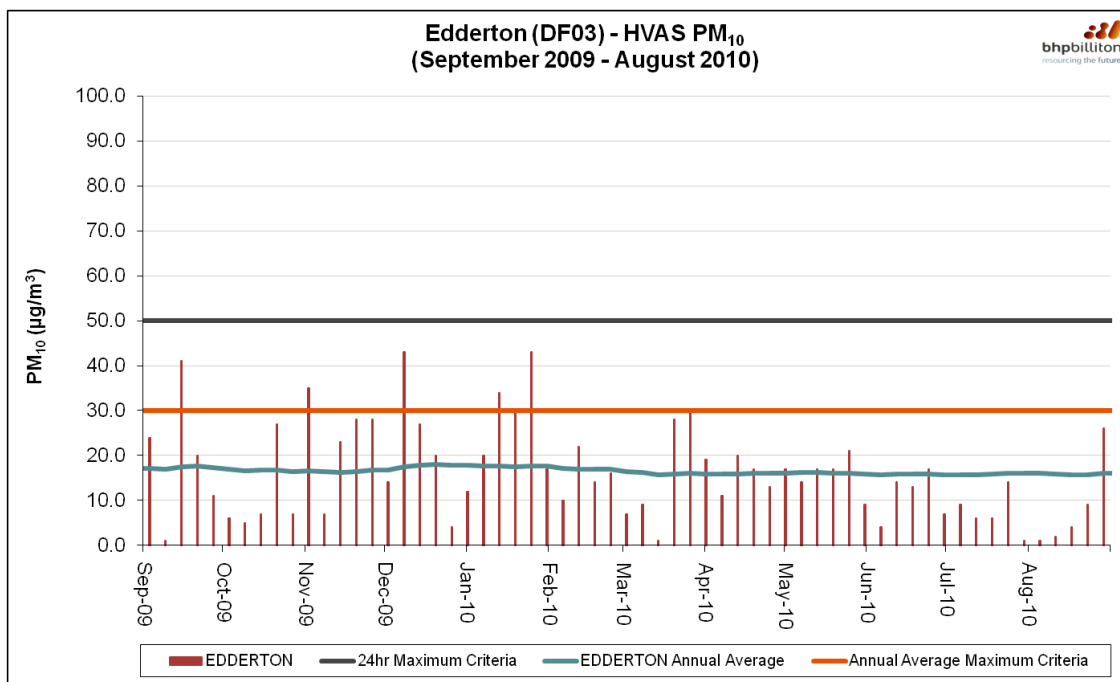
Overpressure

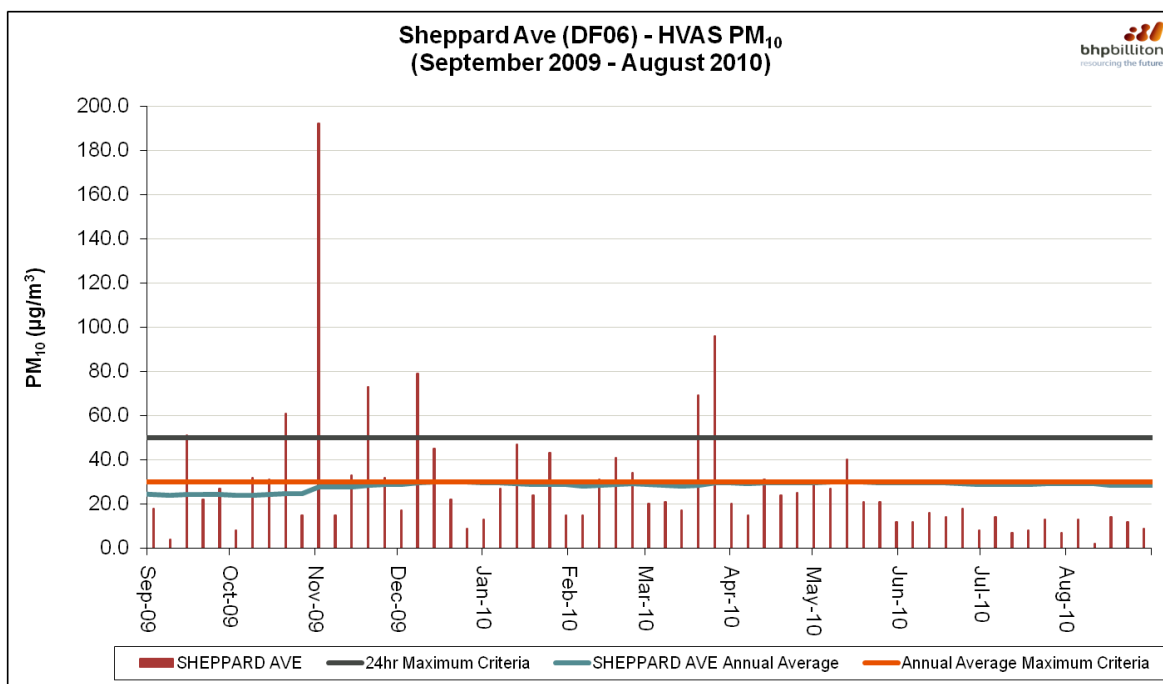
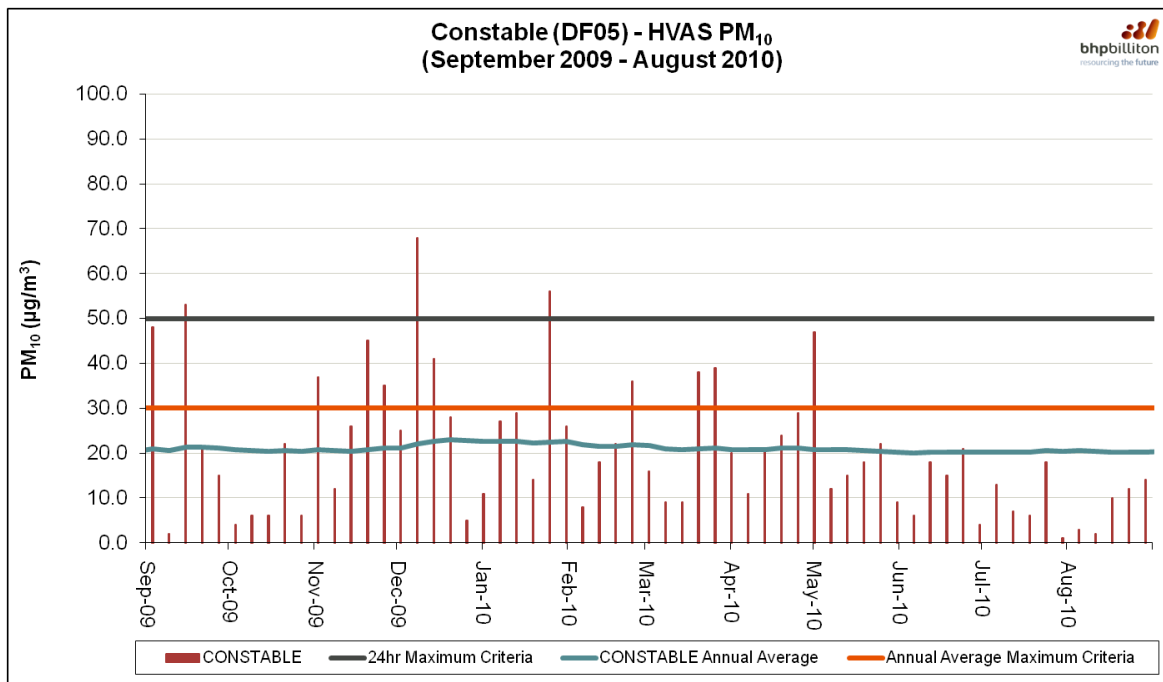


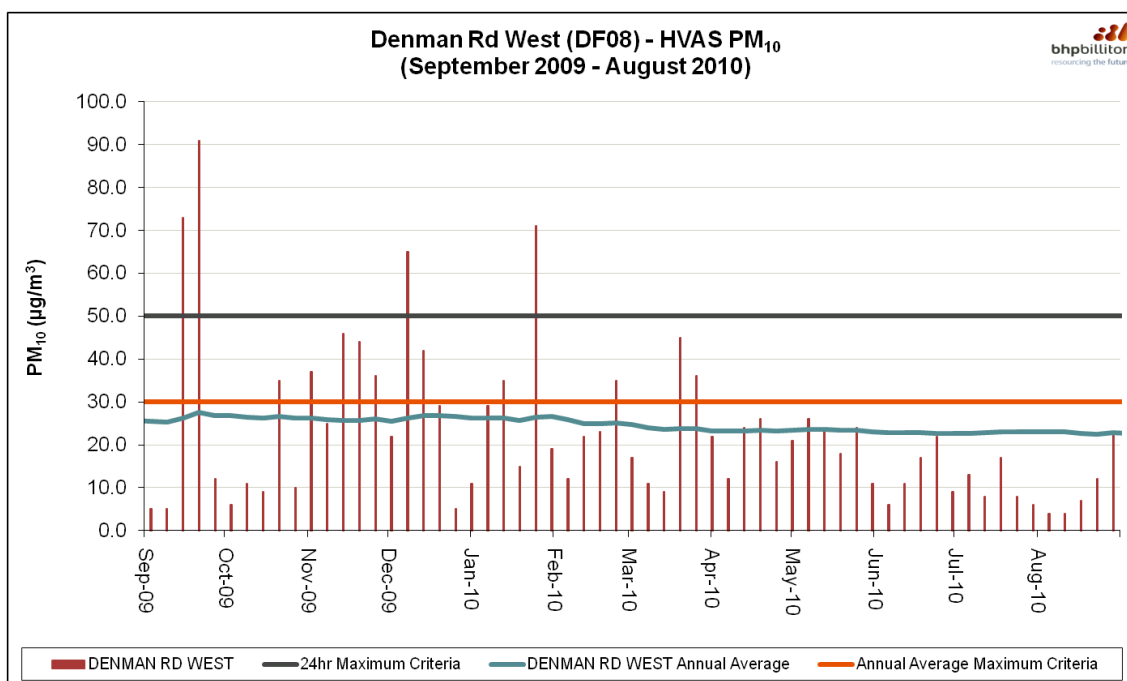
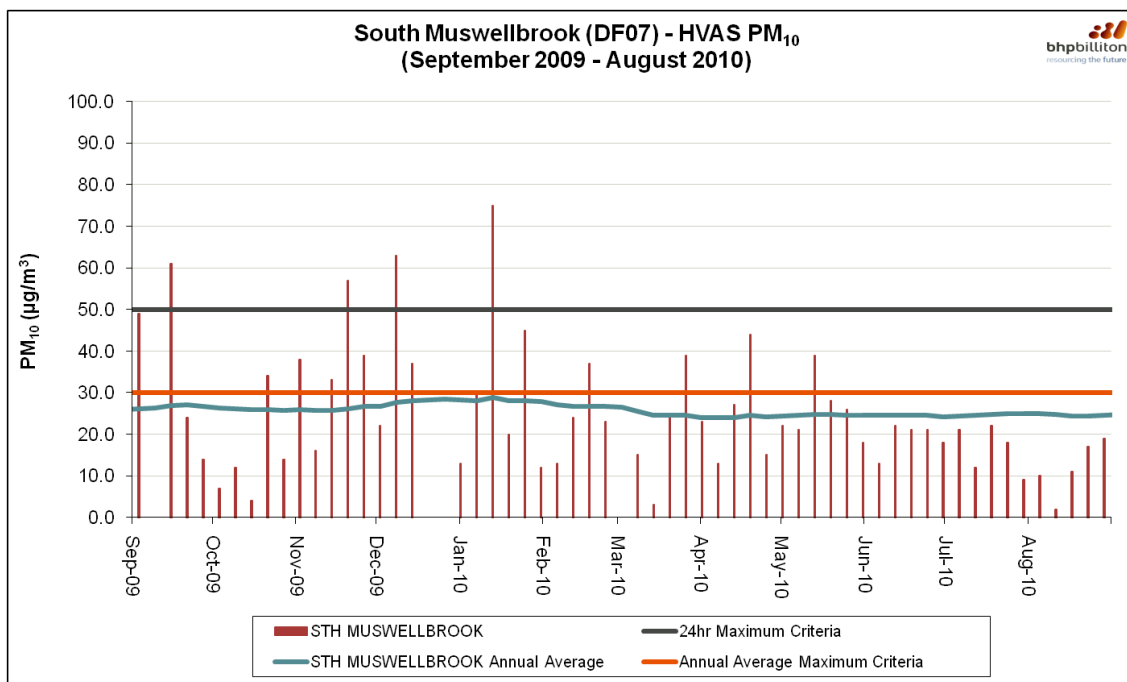
2. HVAS Data (July – August 2010)

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



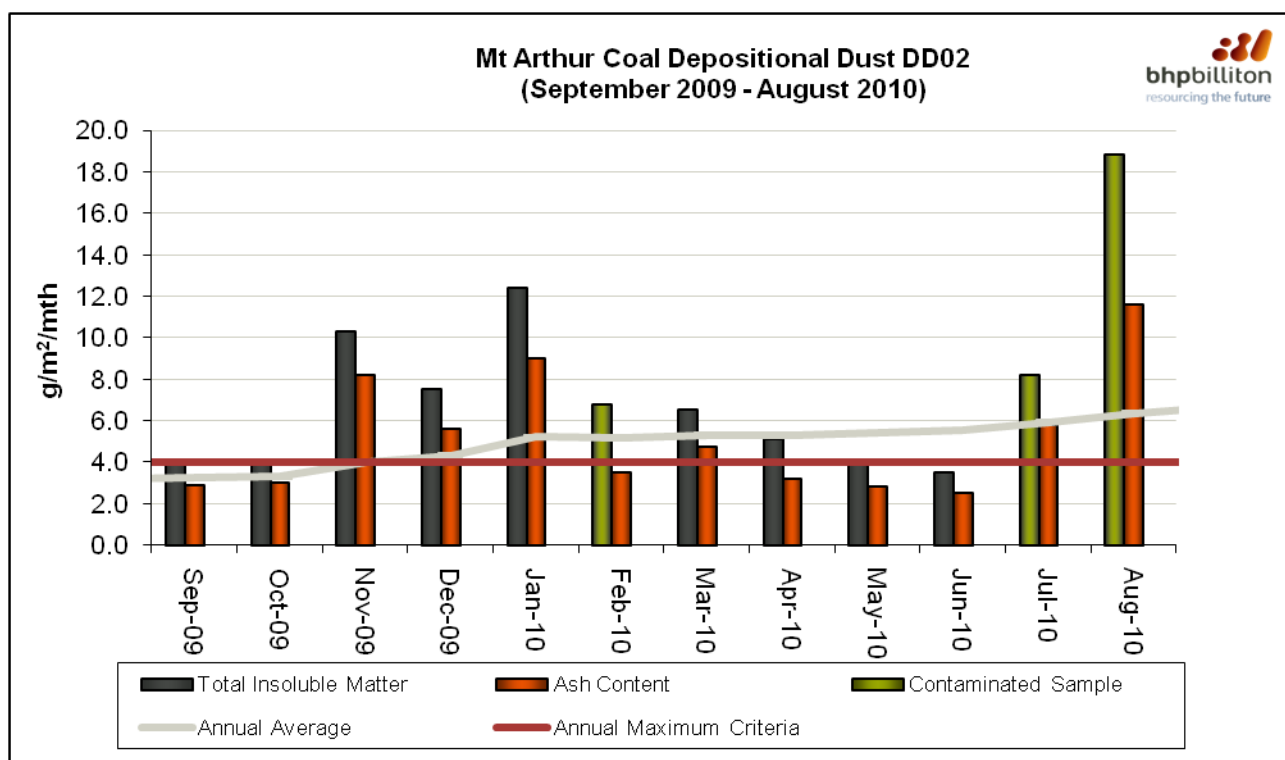
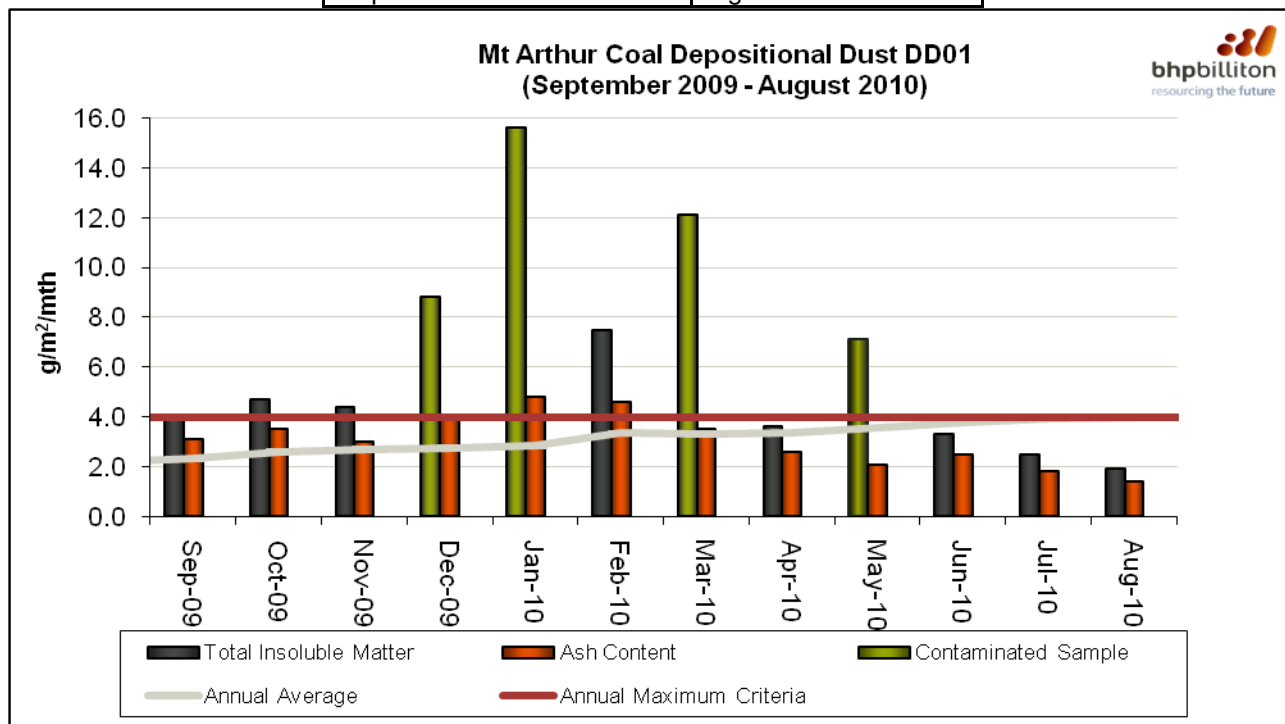






3. Depositional Dust Data (July – August 2010)

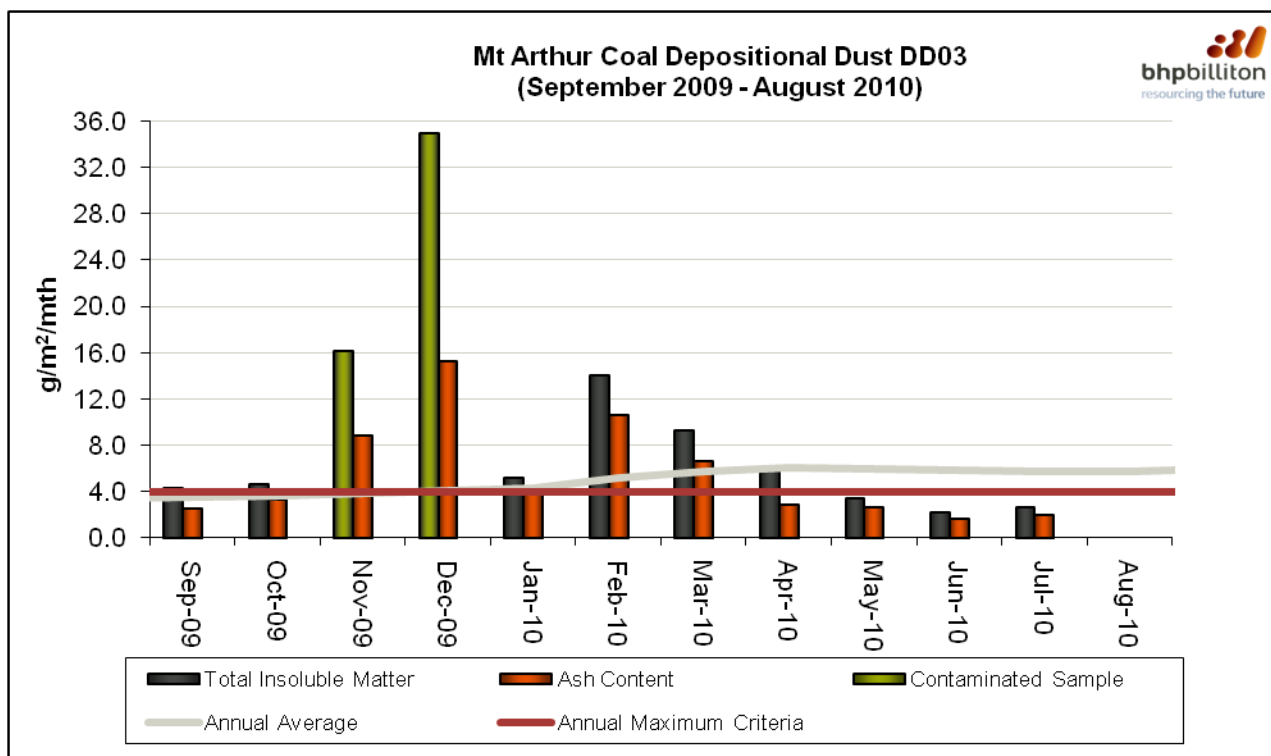
Depositional Dust Criteria 4 g/m²/month



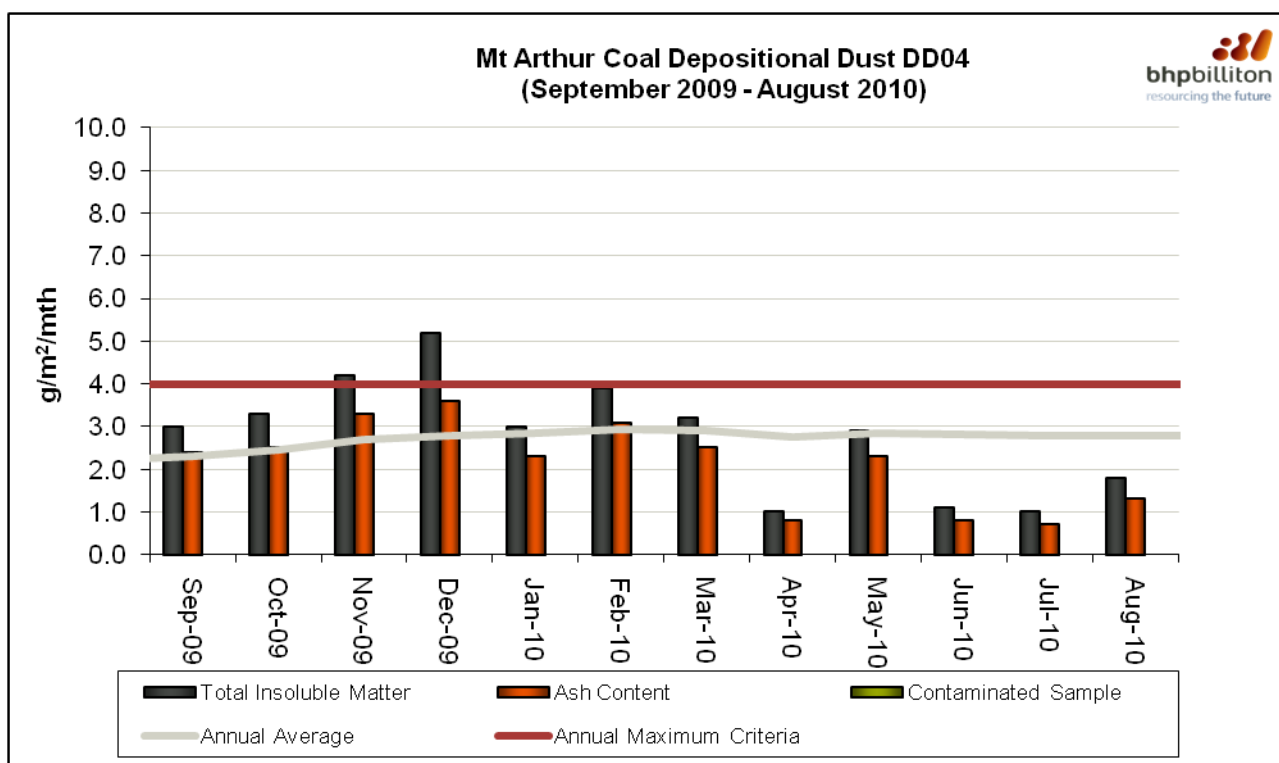
July – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

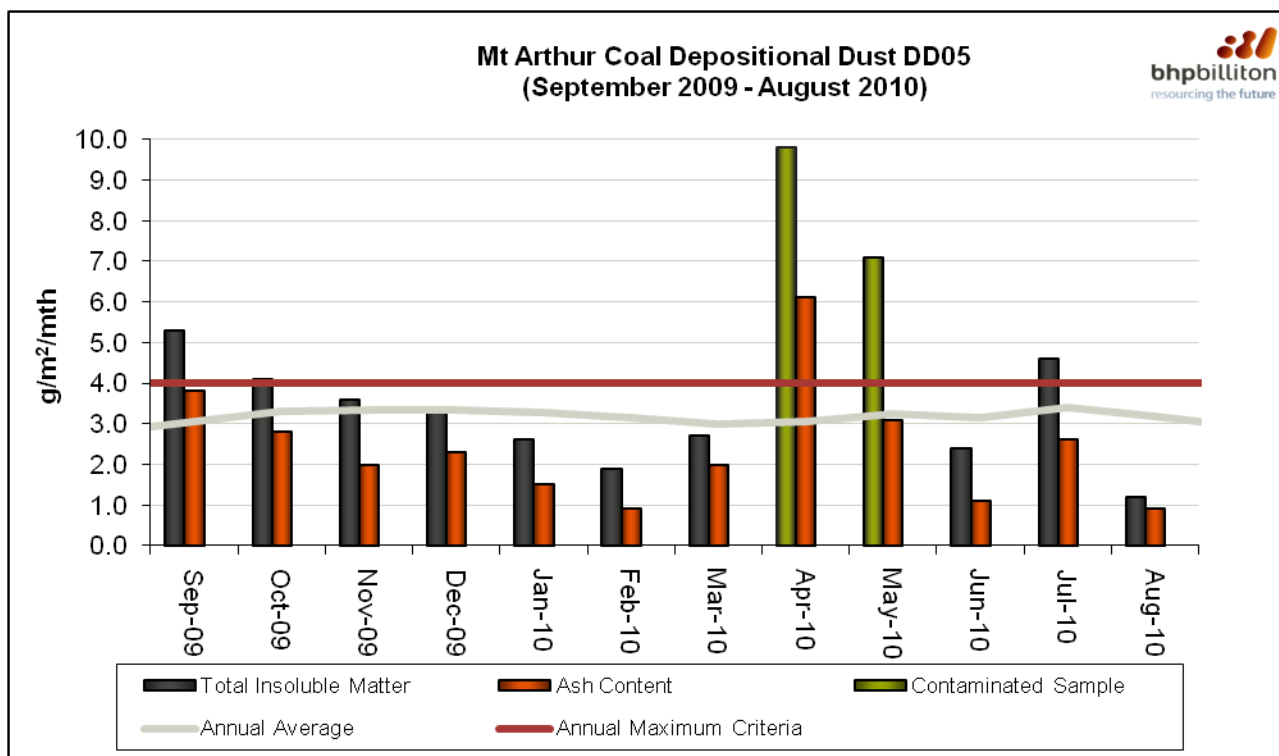
August – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

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 individual elevated results, therefore the elevated annual average did not result from Mt Arthur Coal's operation.

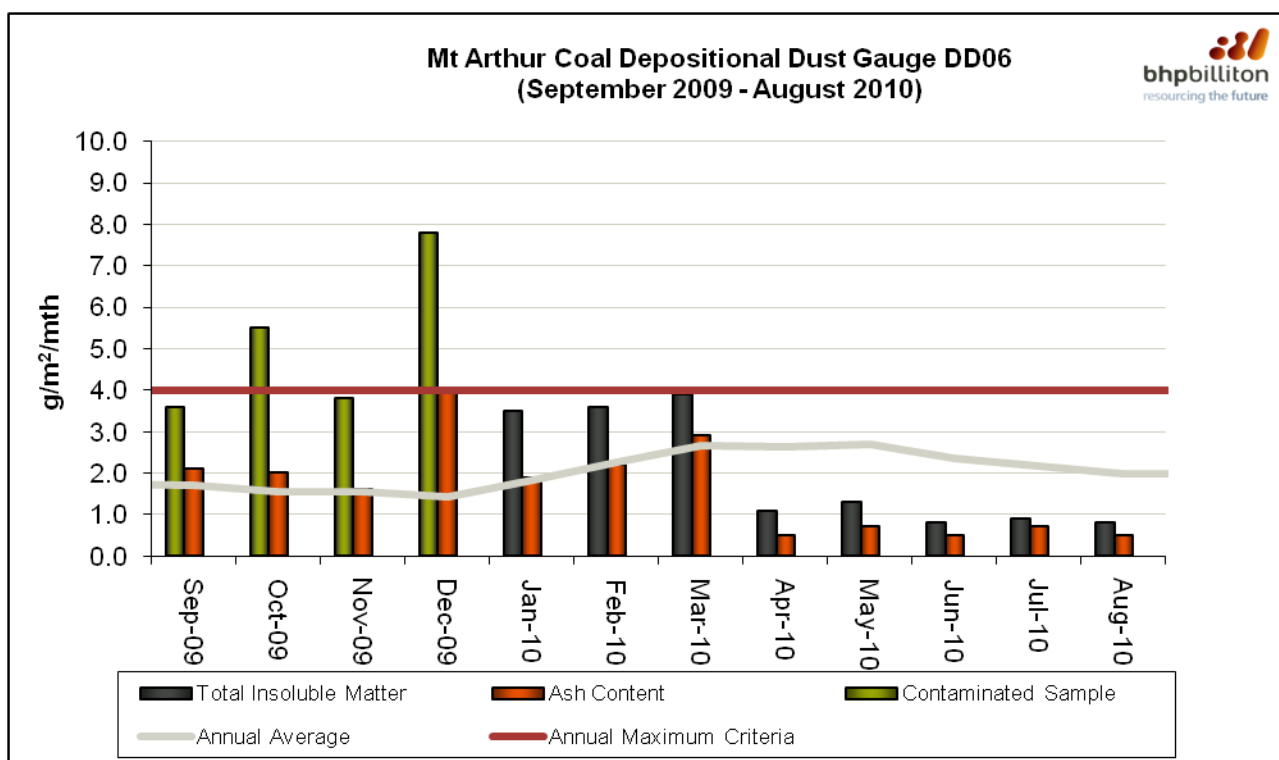


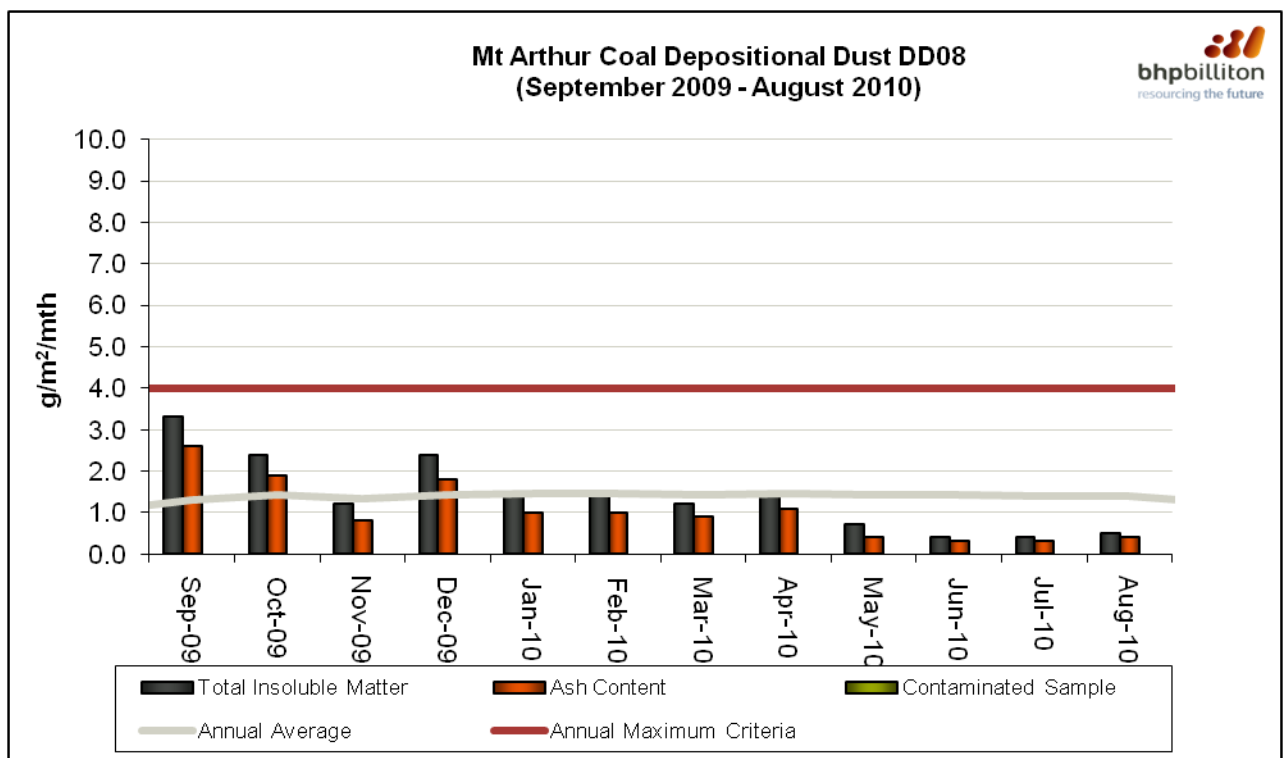
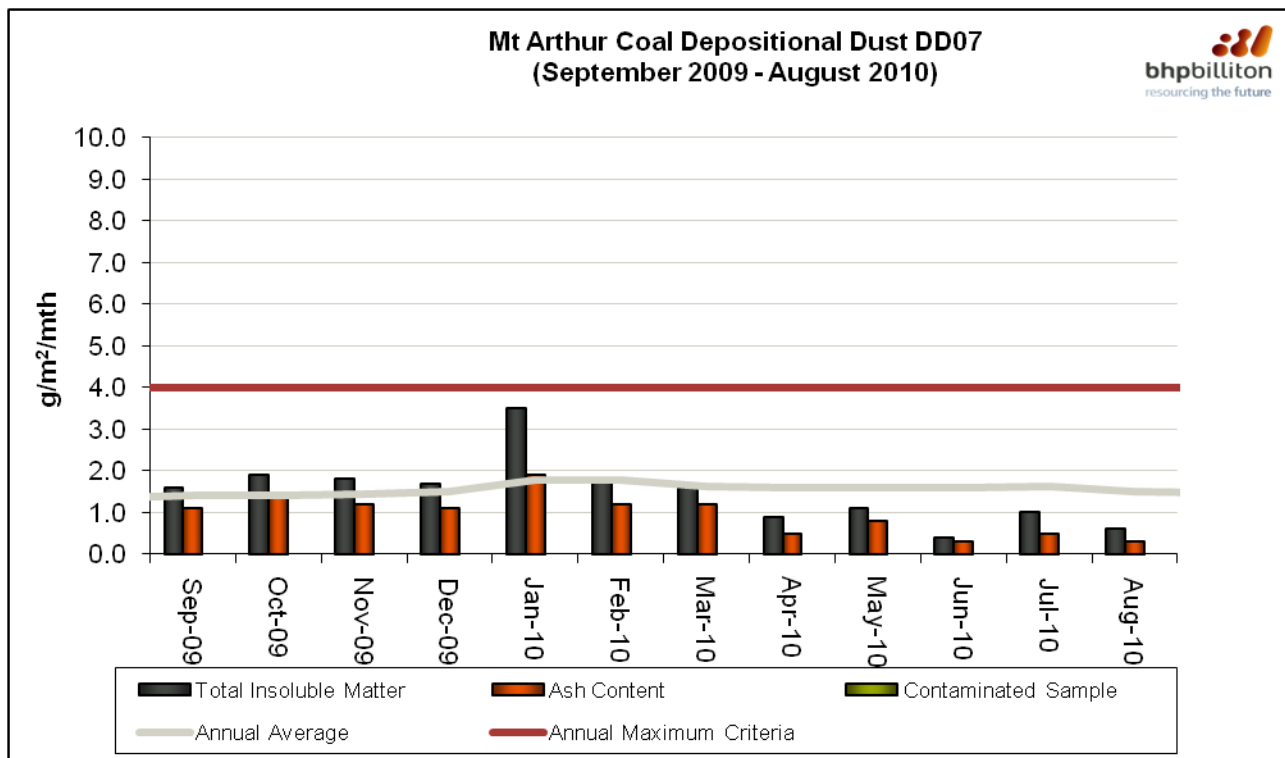
August - No result due to the sample bottle broken in the field as advised by the environmental monitoring contractor.
Rolling Annual Average is above development consent criteria. Investigations into each elevated result has revealed that Mt Arthur Coal's activities did not contribute to individual elevated results, therefore the elevated annual average did not result from Mt Arthur Coal's operation.

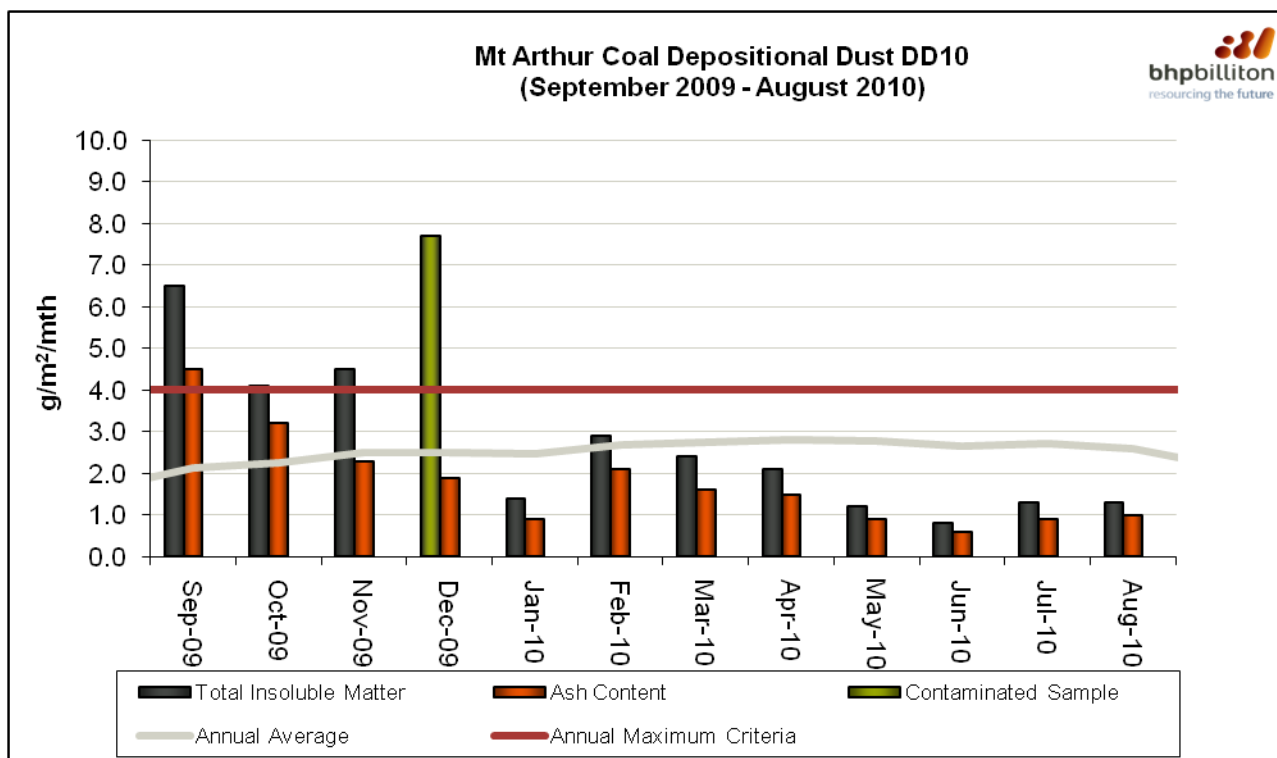
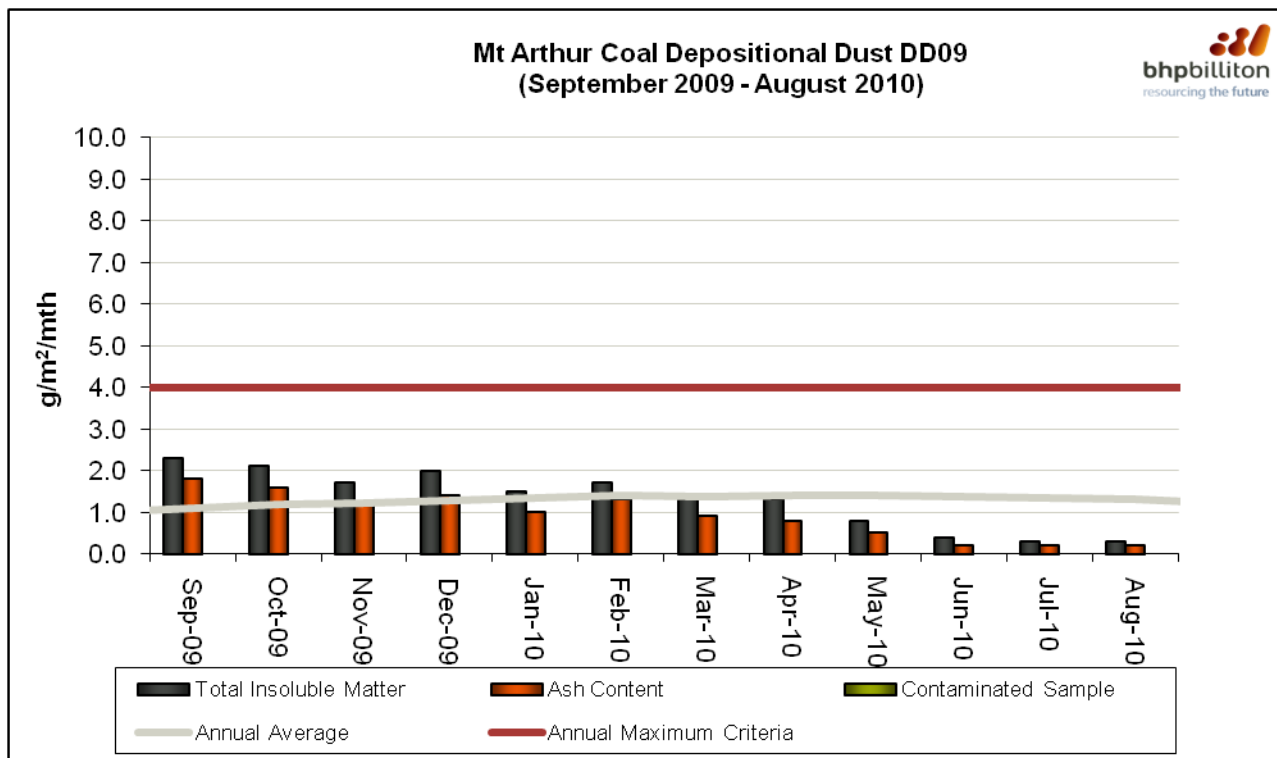


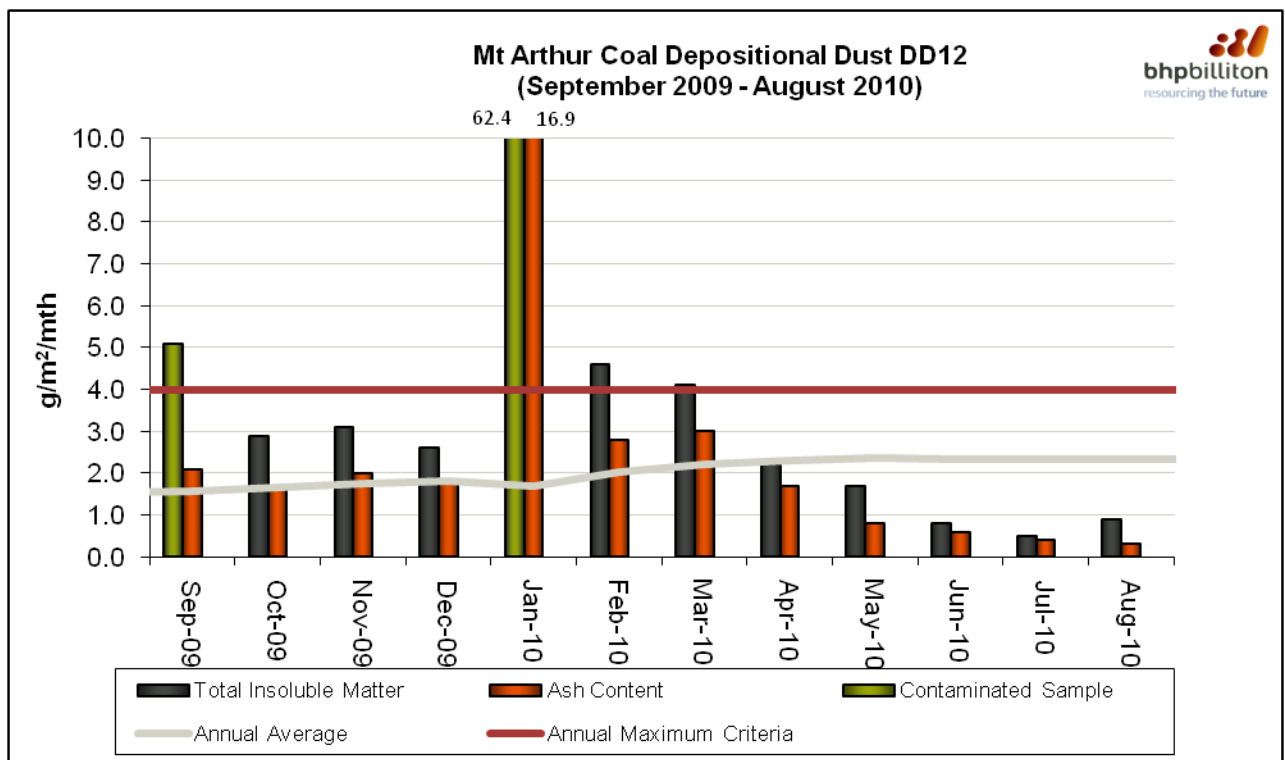
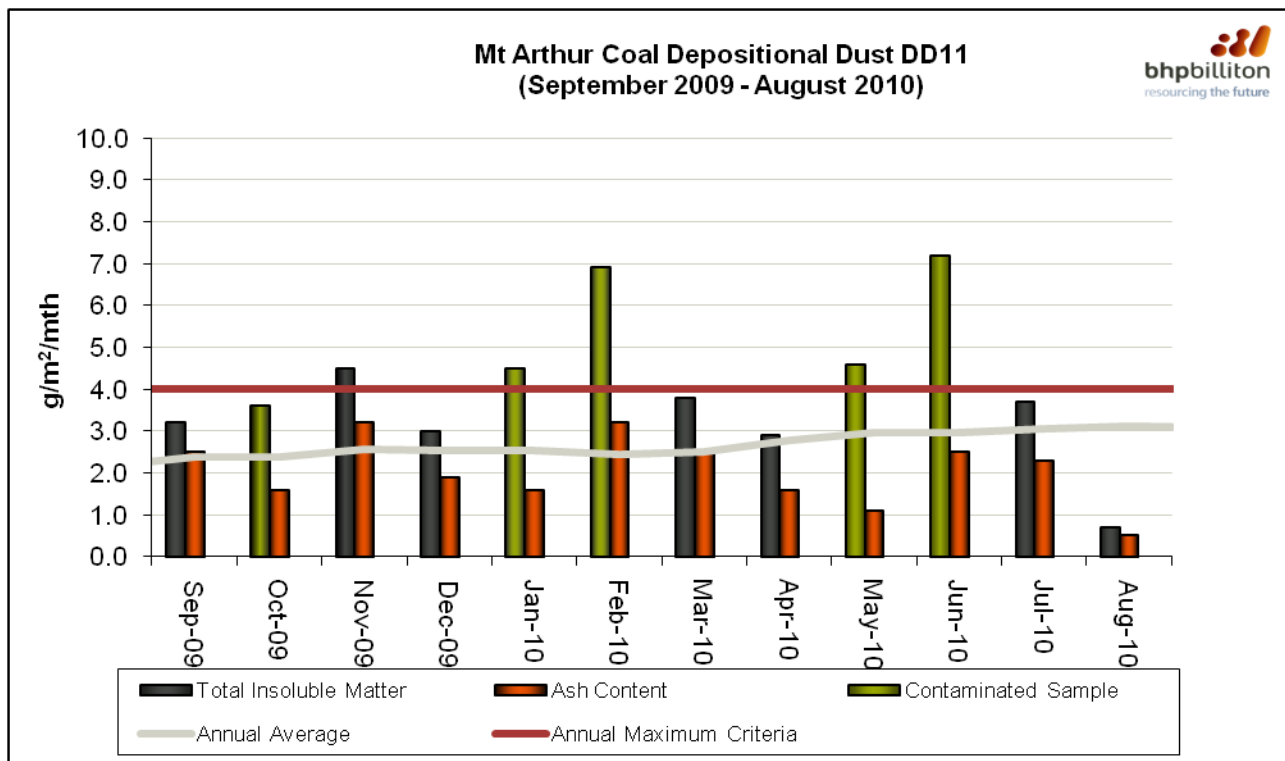


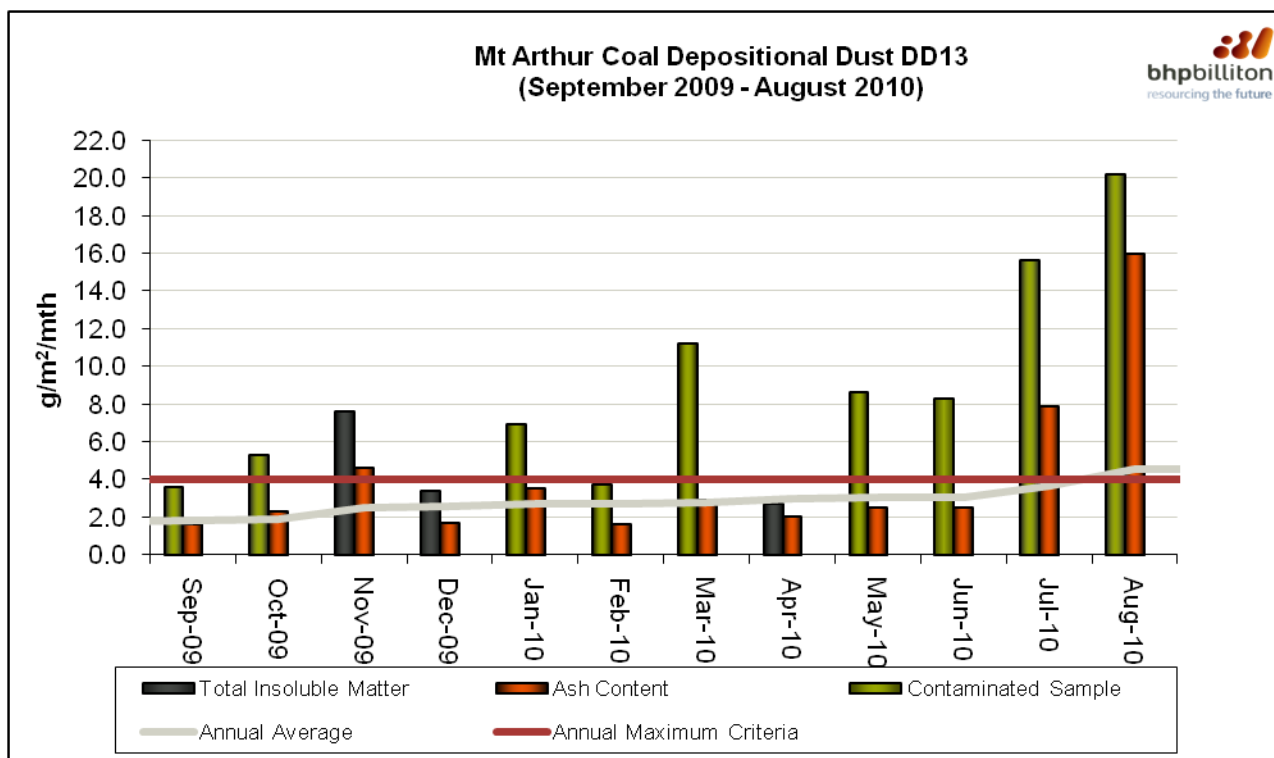
July – This monitor is on Mt Arthur Coal owned land and is used for management purposes only.







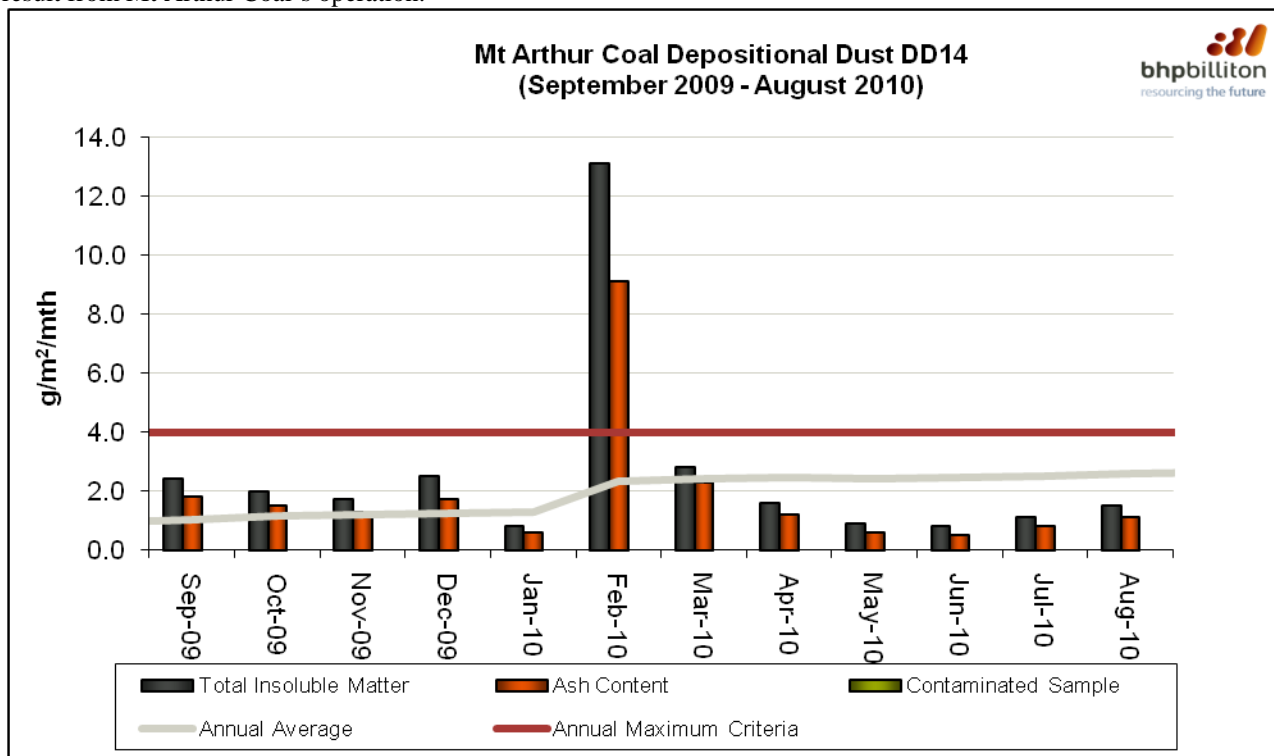


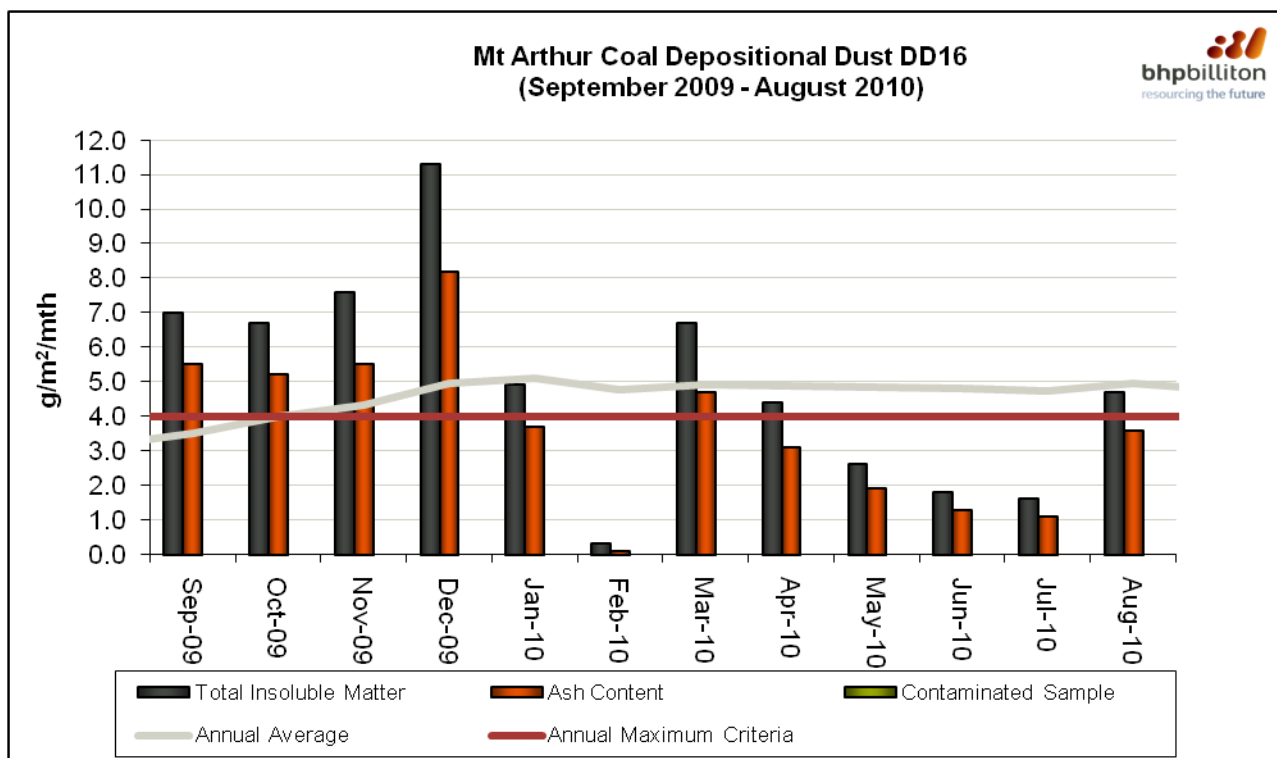
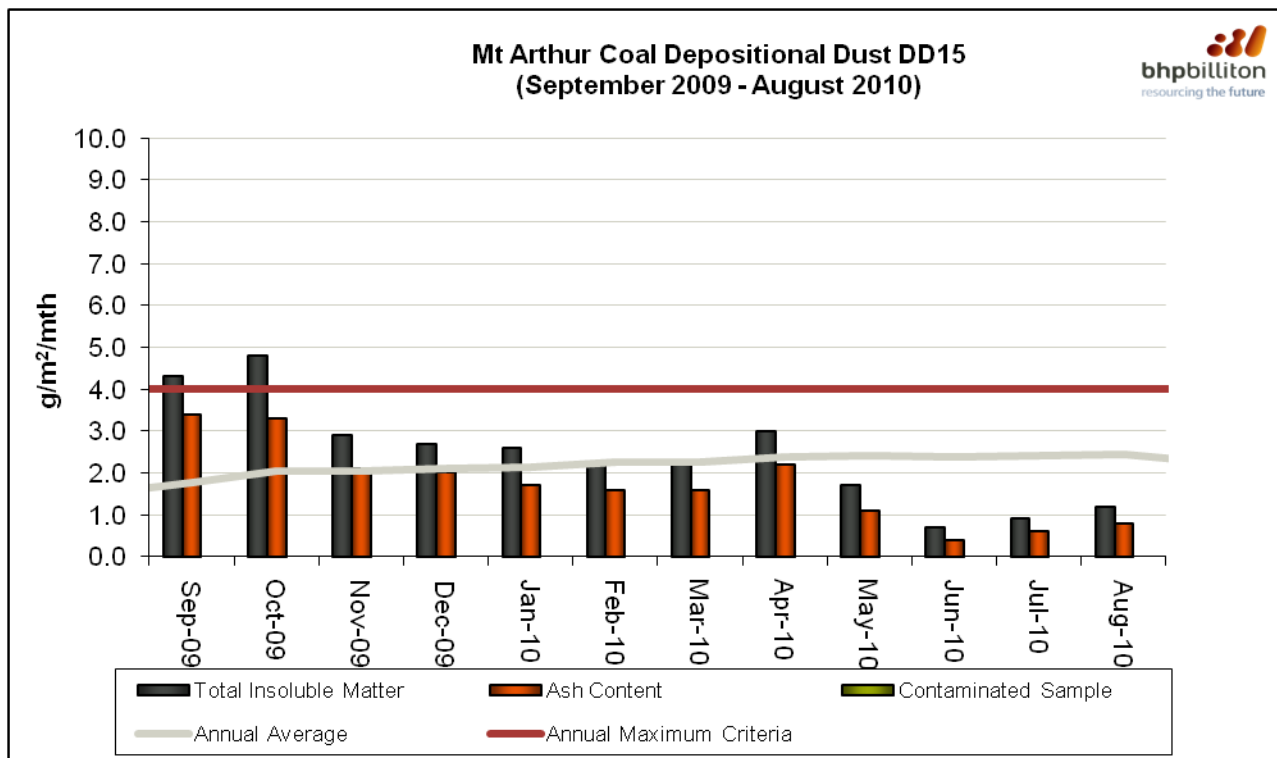


July – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

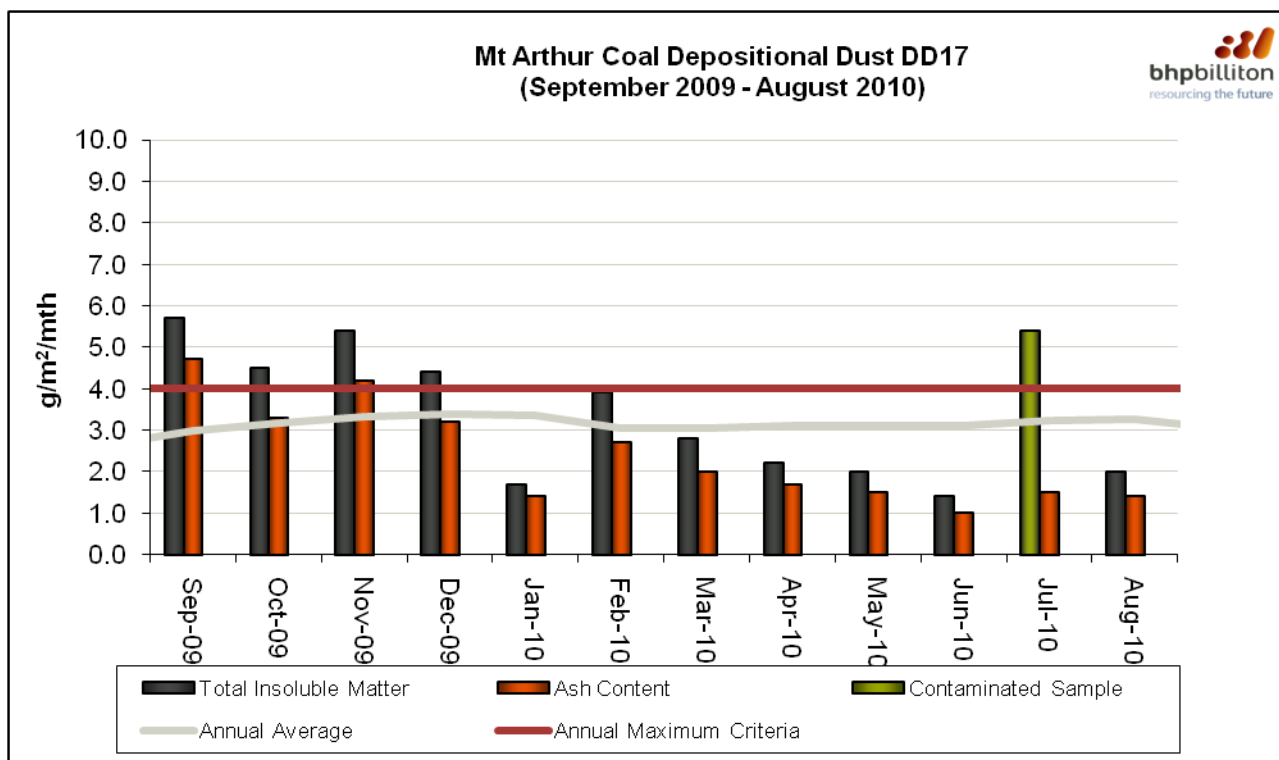
August – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.

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 individual elevated results, therefore the elevated annual average did not result from Mt Arthur Coal's operation.

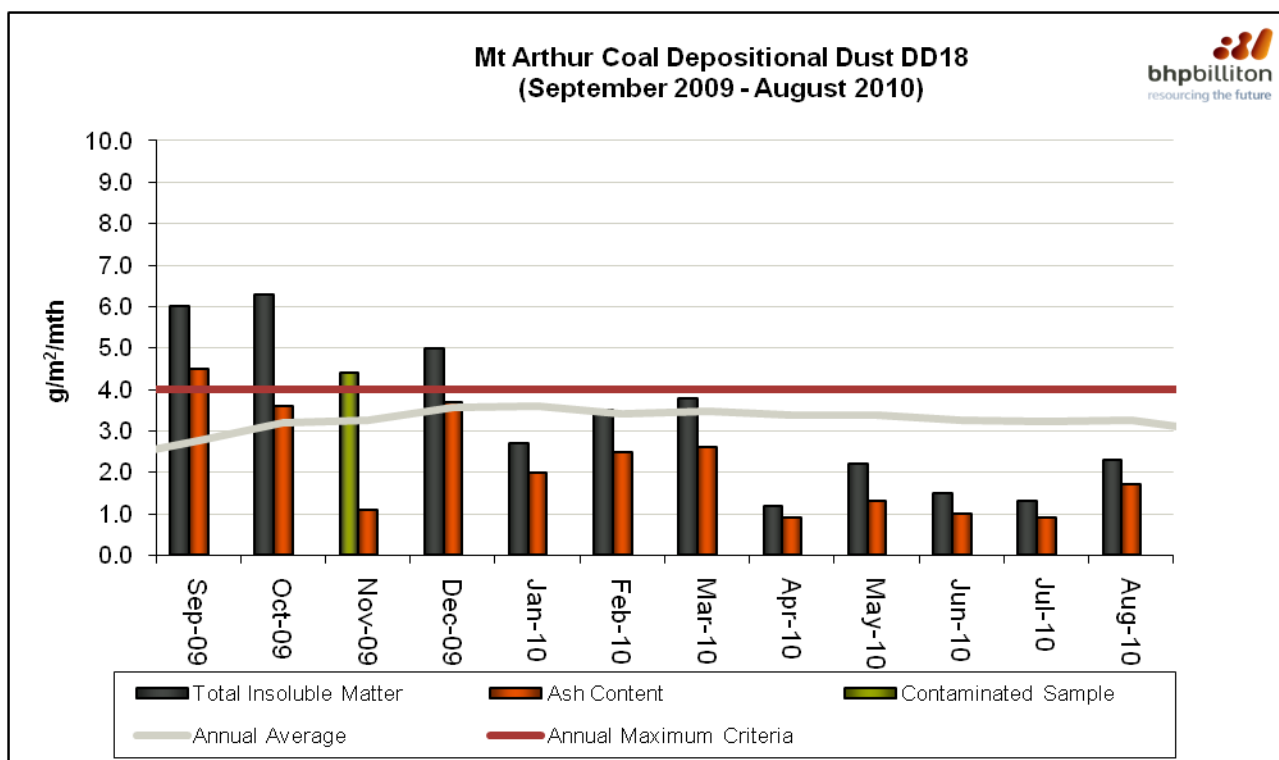


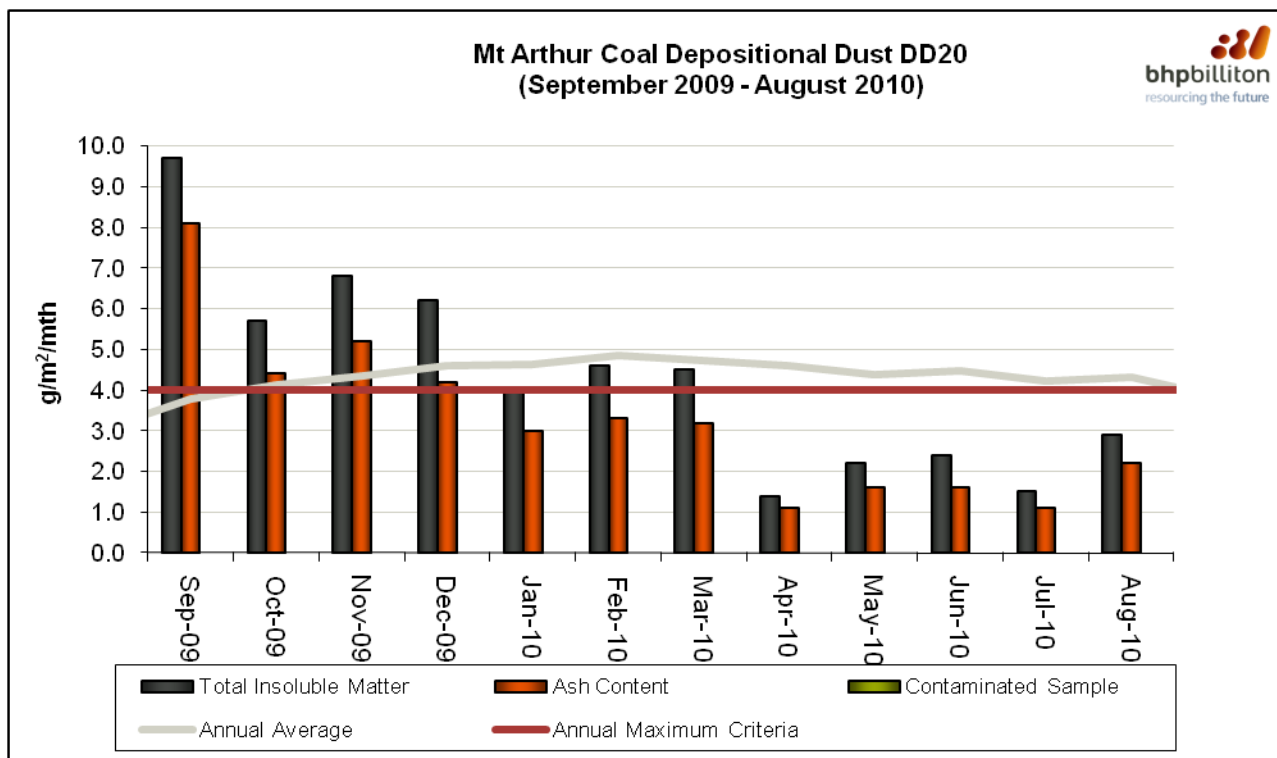
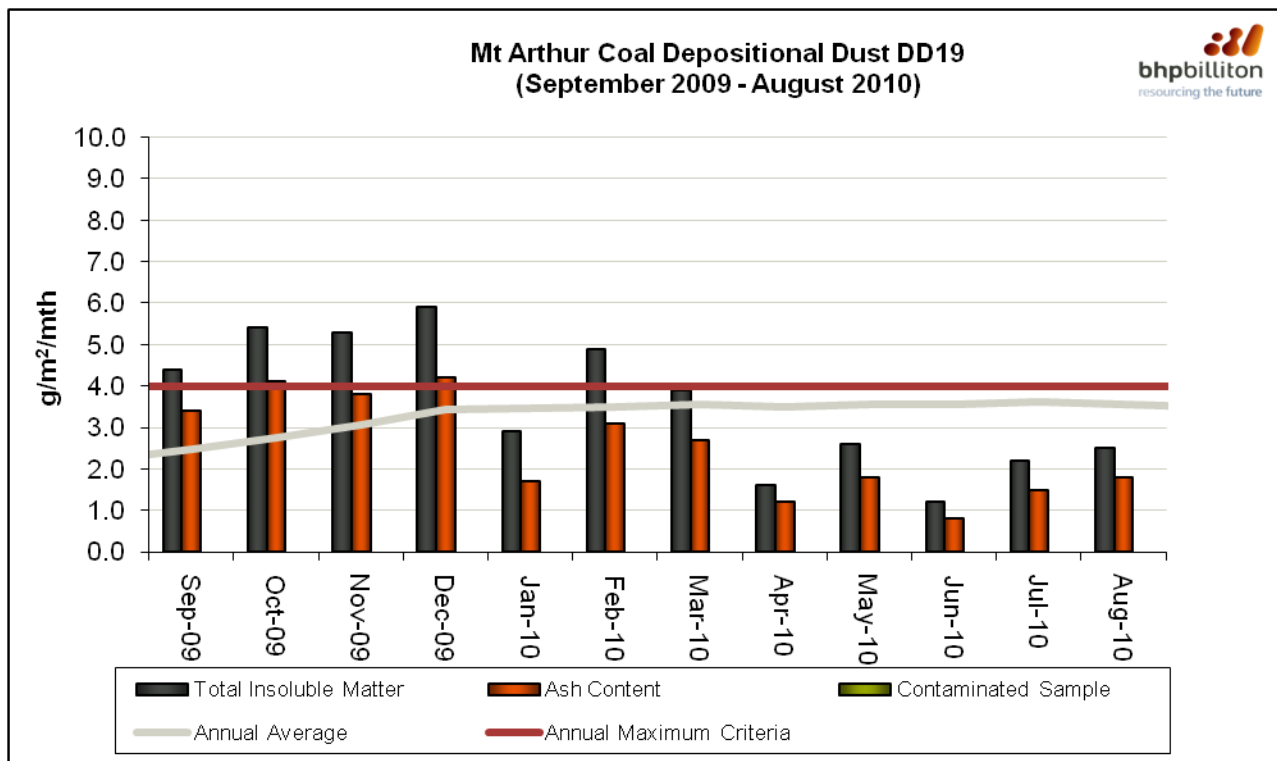


Edinglassie is owned by Mt Arthur Coal. This depositional dust gauge is used for Management purposes only. Mining activity has ramped up in the Windmill pit area, close vicinity to the Edinglassie monitor.



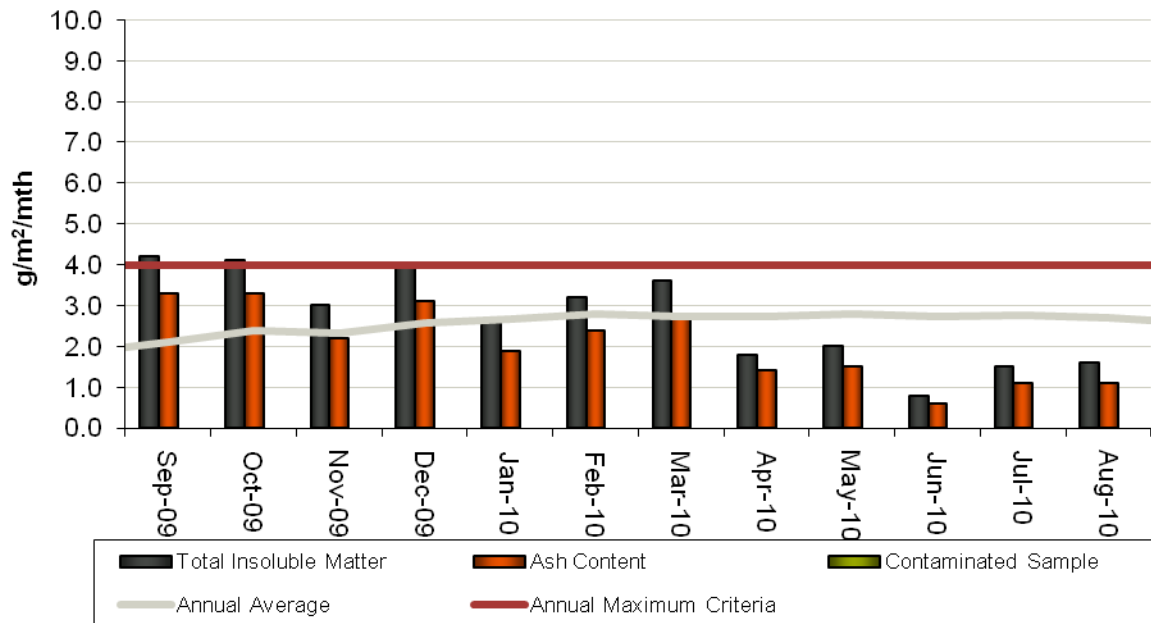
July – Independent monitoring contractor determined that the sample was contaminated with bird droppings, therefore excluded from the results.



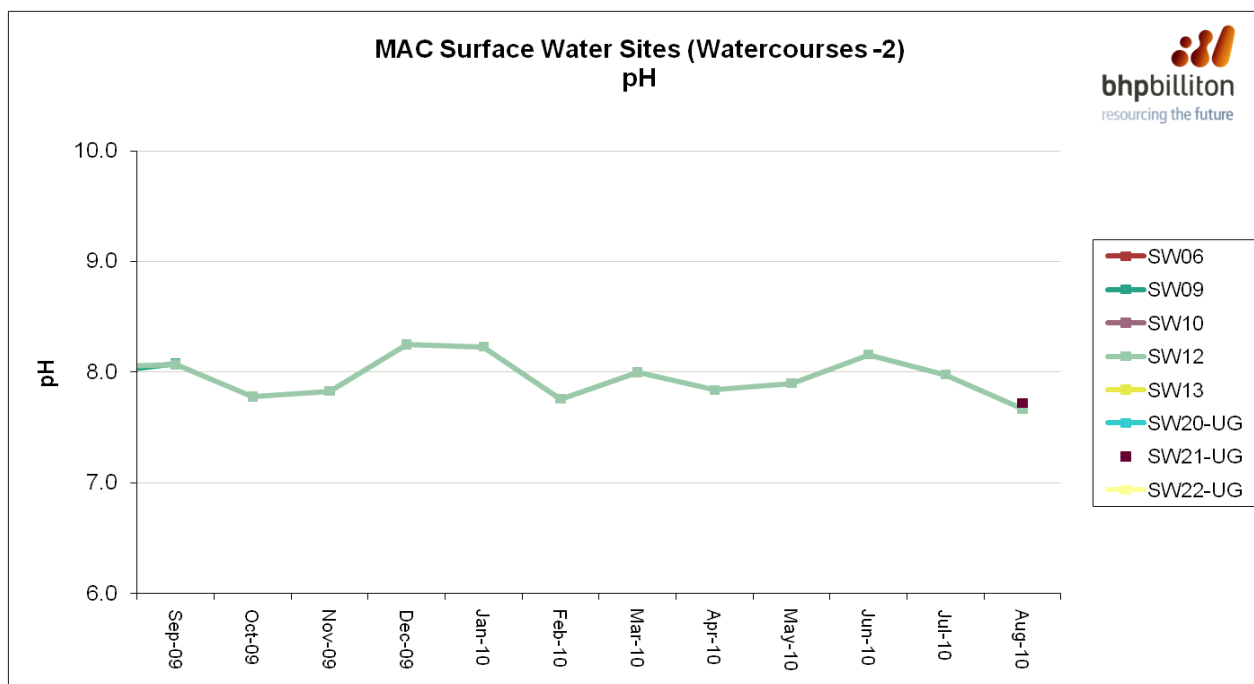
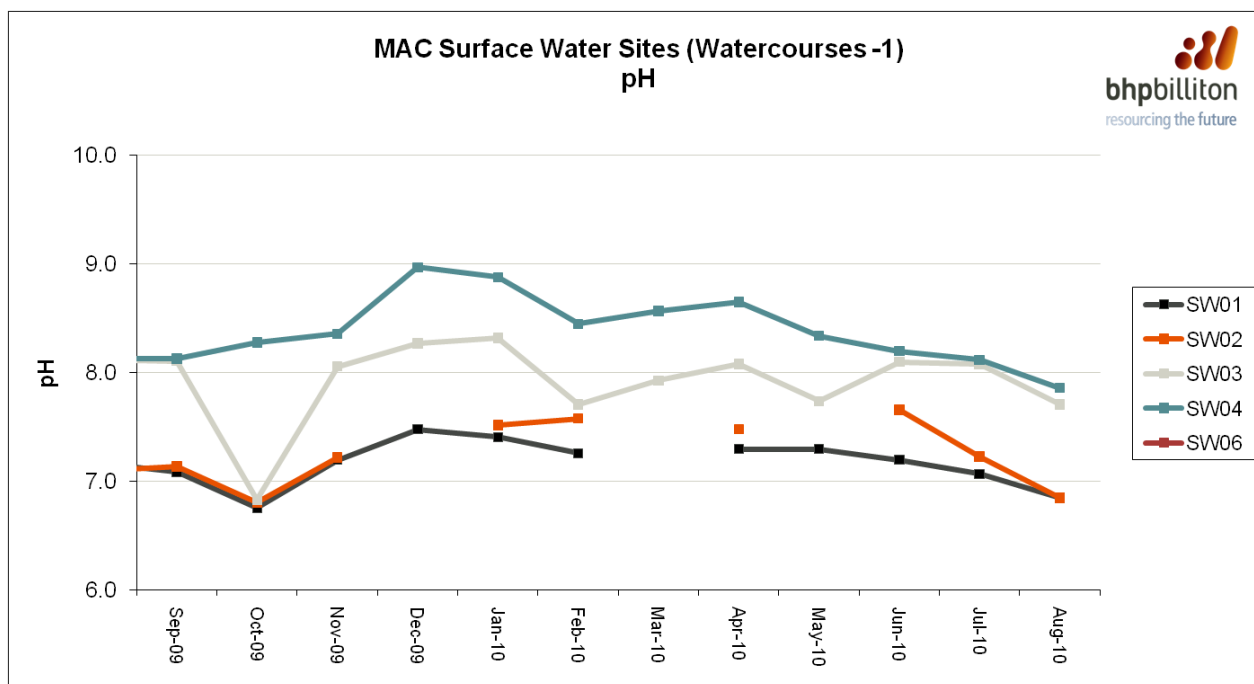


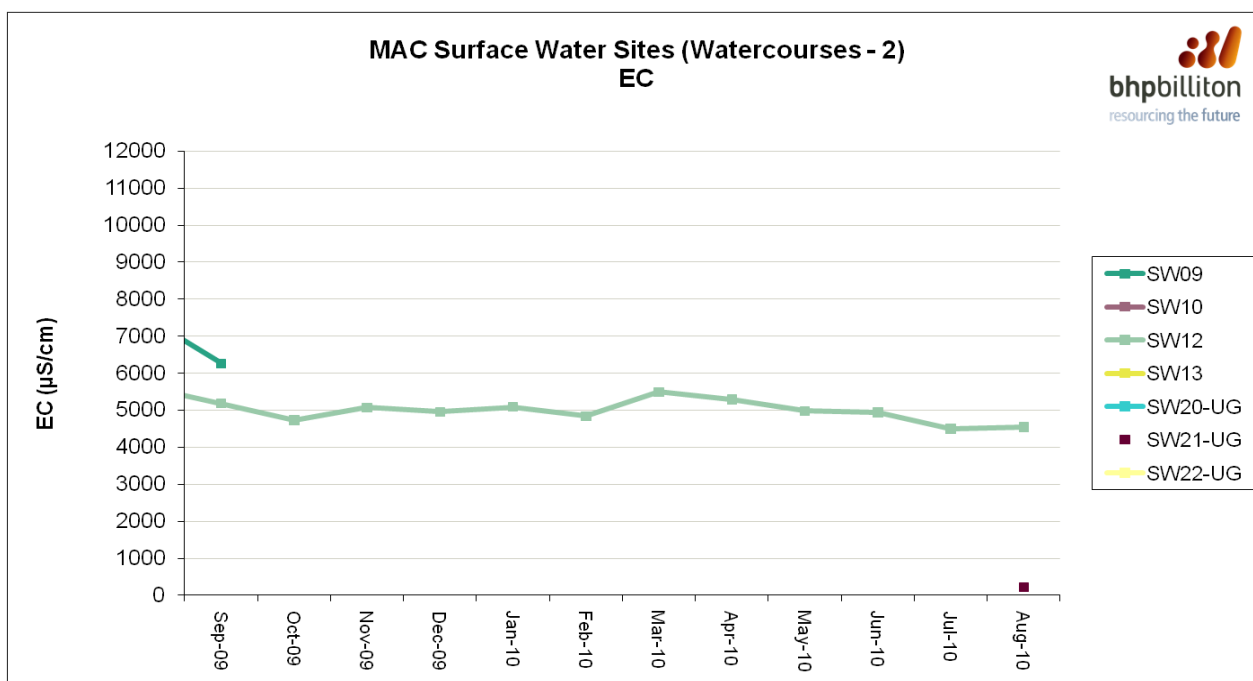
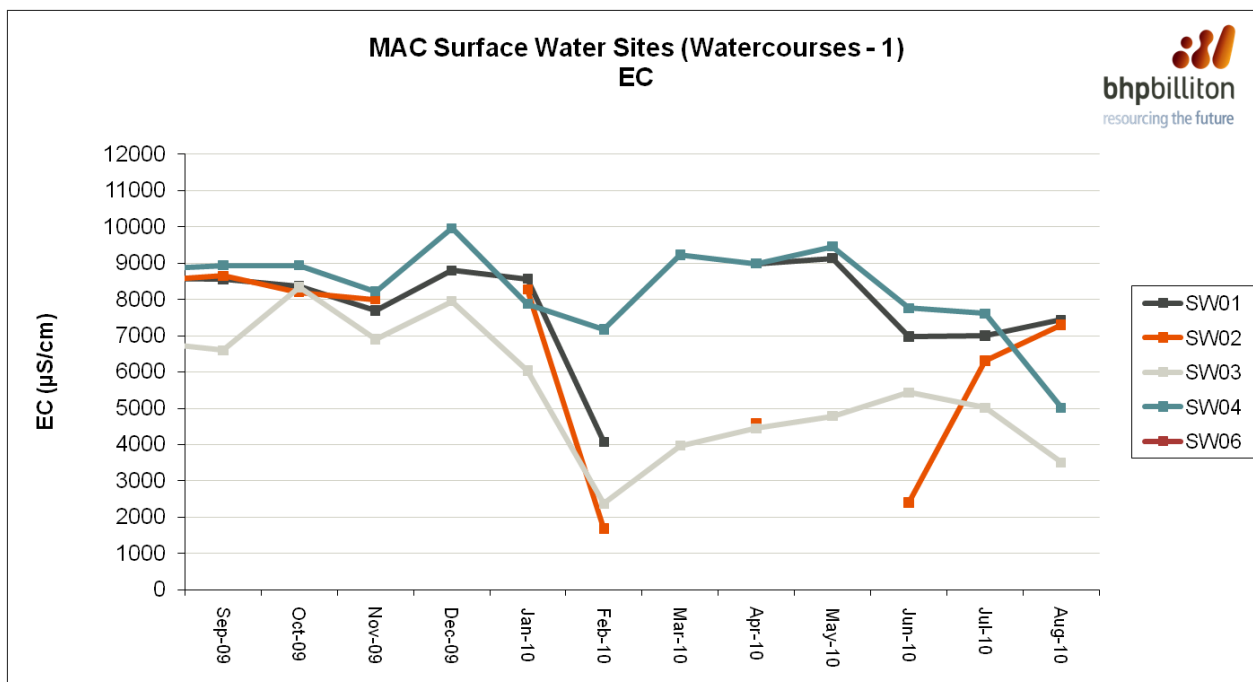
Rolling Annual Average is above development consent criteria. Investigations into each elevated result has revealed that Mt Arthur Coal's activities did not contribute to individual elevated results, therefore the elevated annual average did not result from Mt Arthur Coal's operation.

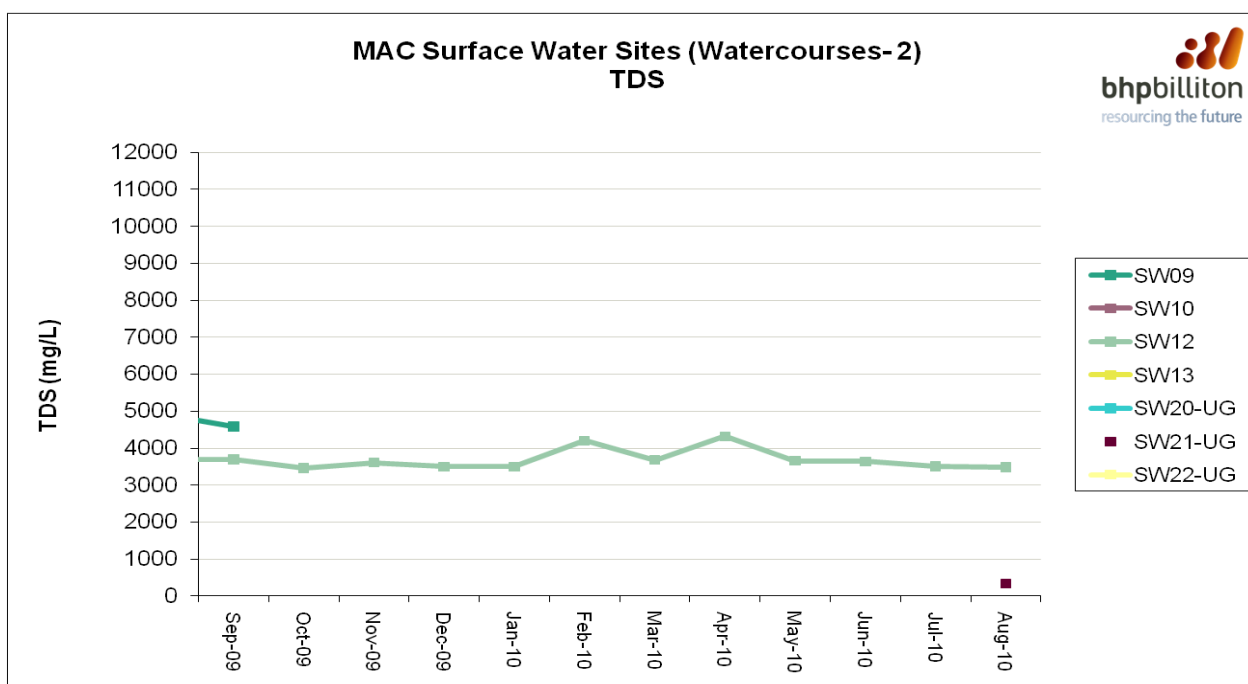
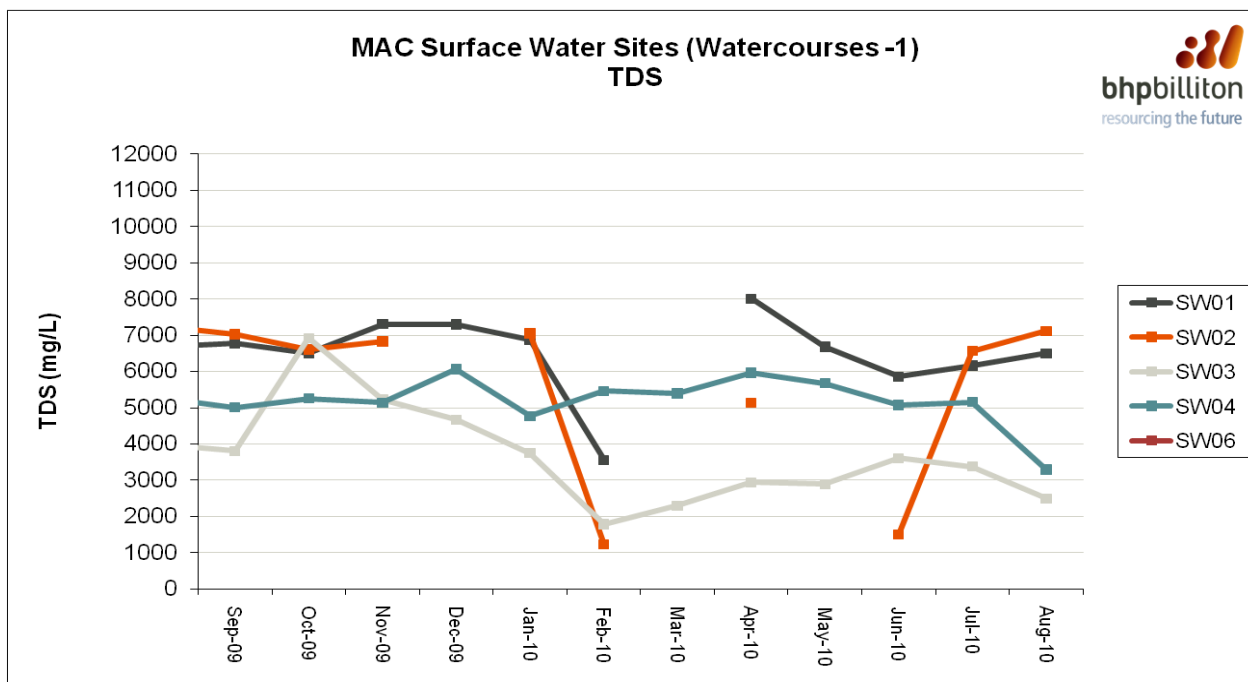
**Mt Arthur Coal Depositional Dust DD21
(September 2009 - August 2010)**

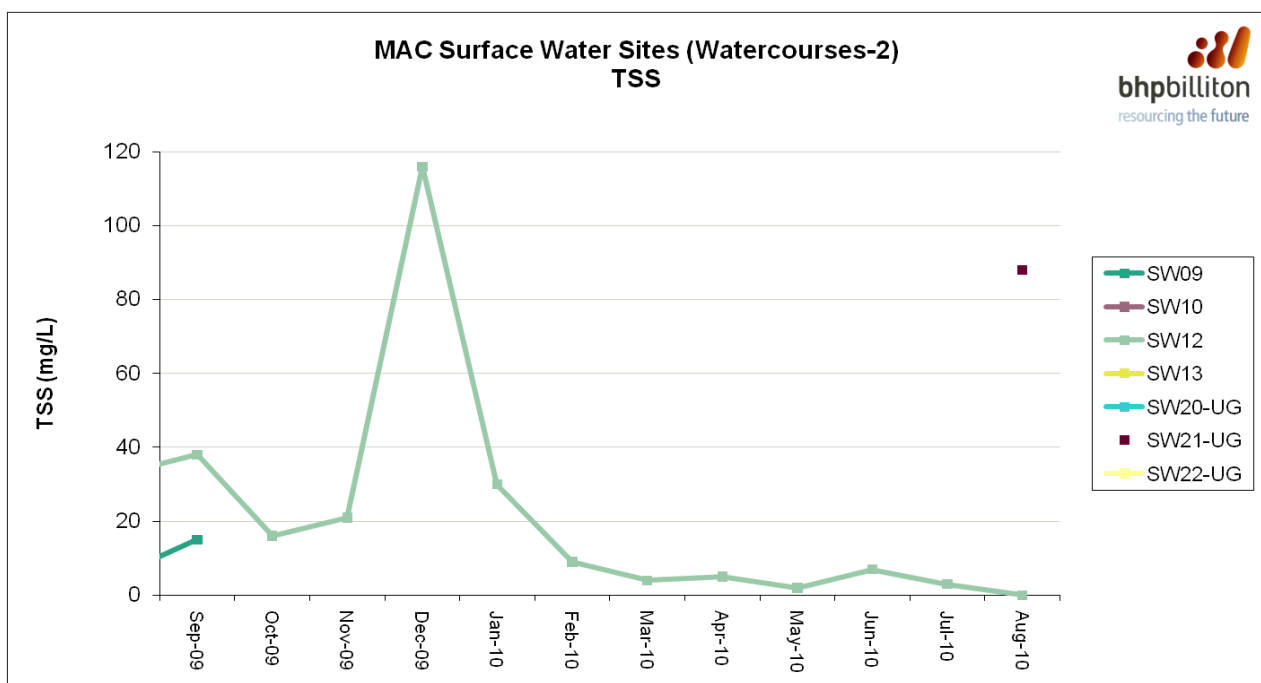
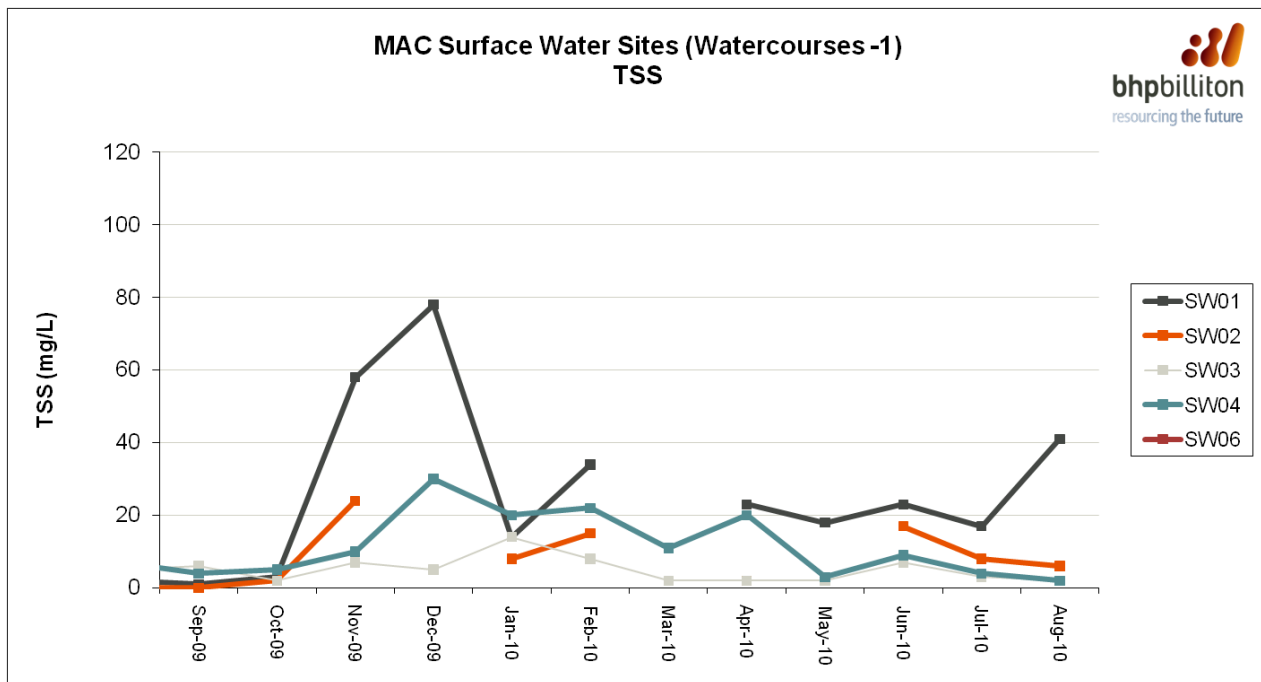


3. Surface Water Data

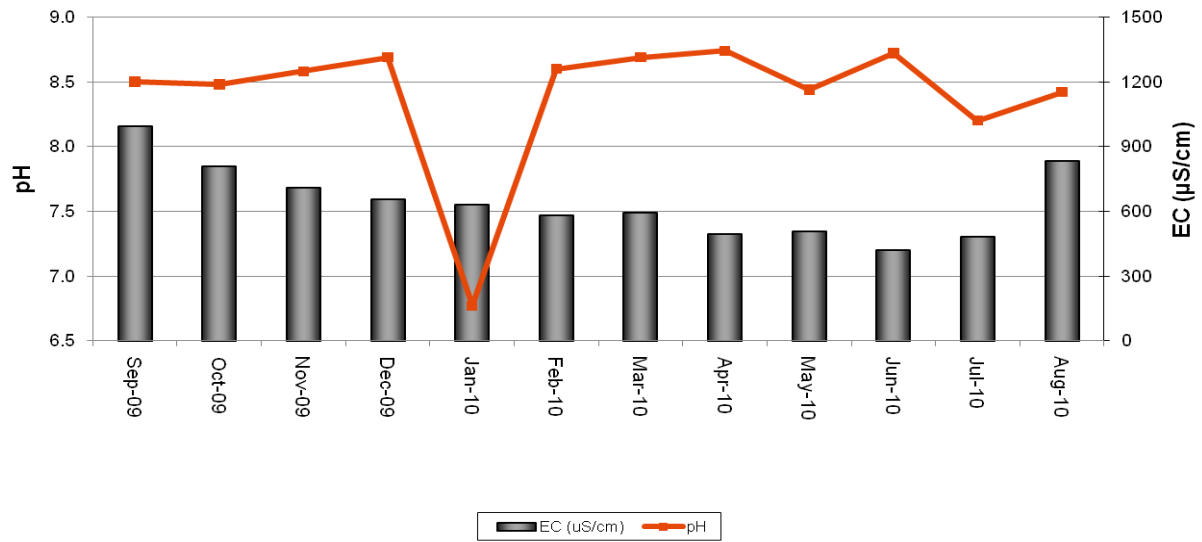






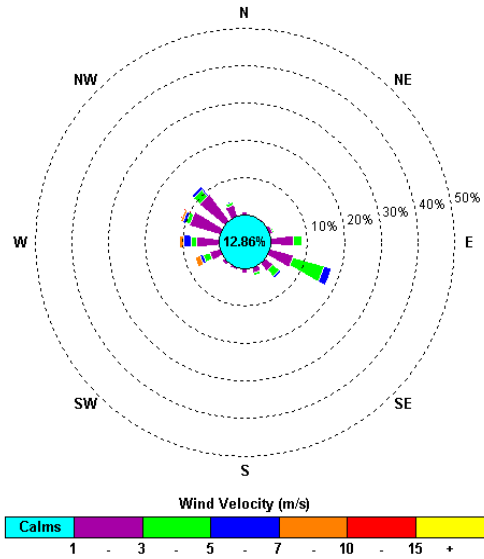


SW16 - Environmental Dam
(September 2009 - August 2010)

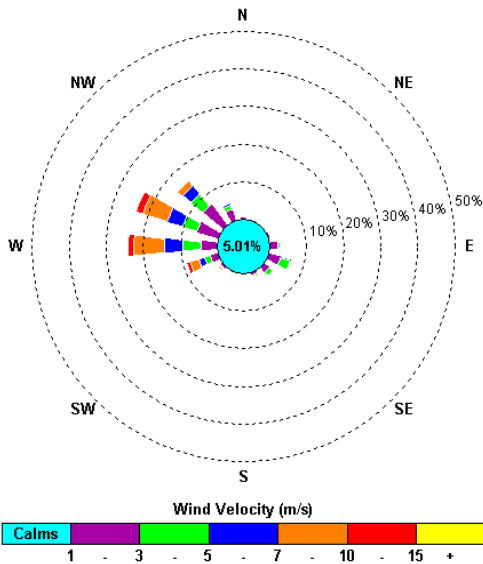


4. Weather Data — Monthly Windroses for Mt Arthur Coal Industrial Area Weather Station

July



August



VAIS512

	Temperature 2m (C)			Windspeed (m/s)			Sigma Theta			Solar Radiation (W/m2)			Rainfall mm	No. of days rain >1mm
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max		
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	1.3	10.9	19.5	0.1	2.8	12.2	1.8	14.4	98.3	---	---	---	74.8*	8*
August	0.2	10.5	21.3	0.1	4.6	14.5	1.1	12.2	100.4	0.0	241.6	1405.8	32.6*	5*
September														
October														
November														
December														

* Data from BAYS2 monitor. Technical issue with rainfall data at Mt Arthur Coal Industrial Area Met Station. This is being address by monitoring contractor.

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

Minutes of Meeting (10)

Location: Mt Arthur Coal Boardroom

Date: Wednesday 22 September 2010

Present: Jennifer Lecky (JL) Deputy Chairperson, Bruce McPherson (BM) Resident, Graham Guest (GG) Resident, John Bancroft (JB) Resident, Eddie Constable (EC), Craig Flemming (CF) Muswellbrook Shire Council, Michael White (MW) Mt Arthur Coal, Steve Perkins (SP) Mt Arthur Coal, Morgana Gidley-Baird (MGB) Mt Arthur Coal, Scott Mitchell (SM) Mt Arthur Coal.

Meeting Commenced: 4.10pm

1. WELCOME AND APOLOGIES

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

Apologies

Apologies received from Bruce Martin Rush (Chairperson), Raymond Webb (RW) Resident, Julie McNaughton (JM) Mt Arthur Coal, 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 GG.

Seconded by JB

4. ACTION POINTS FROM PREVIOUS MEETING

- Sigma Theta defined and discussed;
- Inversion was defined and discussed;
- BAYS1 meteorological station rainfall and sigma theta data was discussed. This monitor is being assessed and upgraded by independent monitoring contractor;
- SW16 pH result from January 2010 was discussed. The recorded result was 6.77 in the lab and 8.33 in the field. The field reading was consistent with previous monitoring results and the monitoring consultant suggested that the anomalous 6.77 reading was possibly due to lab error. This had been discussed in previous meetings.

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

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

- Amenities
- Tea/coffee
- Emergency Procedure

6. OVERVIEW OF OPERATIONS TO DATE

MW presented information on the following:

- Currently delivering workforce communication sessions to all employees at Mt Arthur Coal
- 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
- MAC20 project expected to be completed by December 2010. This will give the operation capability to produce 20 Mtpa
- Mt Arthur Coal is currently recruiting up to an additional 200 personnel. Currently we are approx 90% of this target
- Newcastle Coal Infrastructure Group (NCIG) has been operational since the 3rd July 2010. Mt Arthur Coal is expecting to export 5 Mtpa through this coal terminal in FY11. NCIG is still in ramp up phase
- CHPP upgrades including the commissioning of the third thickener is expected to be completed by the end of September to allow for growth to 20 Mtpa
- Mt Arthur Coal will be focusing on tree establishment along the visual bund in FY11
- Continued success of the initial aerial seeding trial of 85ha, a second trial area of 100ha was seeded in early September.

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 July to August 2010 monitoring period;
- There were no road closures in the July to August period;
- 14 Blasts in July to August 2010;
- 7 Blasts were delayed due to adverse weather conditions.

Edinglassie Elevated Result

- Edinglassie monitor recorded an elevated result of 14.31 mm/sec on the 29/6/2010, This was discussed in the previous CCC meeting. Bill Jordan & Associates conducted an independent assessment of the building after this event and determined no impact was had on the building.

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

- The same monitor the recorded two more elevated results on the 4/8/2010 and 18/8/2010 of 25.72 mm/sec and 12.23 mm/sec respectively.
- Bill Jordan and Associates was called back to perform another assessment of the building.
- Minor cosmetic damage was noted in the building as a result of either of these two blasts but structural integrity was not compromised.
- Drill and Blast have been trialling a new electronic detonation of the north blasts to reduce vibration at nearest receptors, initial trials show improvement in vibration levels recorded at this receptor;
- Edinglassie monitor is used for Internal Management Purposes only and is not reportable to DECCW

HVAS

- There were no elevated results in the July to August 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 July – August 2010 monitoring period that were above development consent conditions with the exception of DD05 in July and DD16 in August;
- DD05 and DD16 are on Mt Arthur Coal owned land and only used for management purposes;
- DD03 had no result in August 2010 as the bottle was found broken in the field by the monitoring contractor;
- All current rolling annual averages are below relevant development consent criteria, with the exception of DD2, DD3, DD13, DD16 and DD20;
- DD2, DD3, DD13 and DD20 have not been significantly impacted by Mt Arthur Coals operation. Predominant wind direction for each month that has recorded elevated results. This gauge is upwind of Mt Arthur Coals operation, other activities have impacted these elevated results.
- Contaminated Results for the period were at;
 - DD02 July and August (excessive bird droppings)
 - DD13 July and August (excessive bird droppings)
 - DD17 July (excessive bird droppings)
- 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:

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

- Muswellbrook Child Care Centre
 - Outdoor Environment Project
- Hunter Community Legal Centre
 - Muswellbrook Outreach Legal Clinic Pilot Scheme
- Upper Hunter Community Services Inc (Toy Box)
 - Replacement of two pantec boxes
- Apex Club of Muswellbrook
 - Learn to Ride Bike Path
- Upper Hunter Shire Council
 - Scone Regional Airport Upgrade
- Muswellbrook Race Club
 - Gold Cup Race Day
- Country Women's Association
 - Youth CWA Friendship Group

Matched Giving – BHP Billiton Sponsorship

- Of significance: \$13,679 to Carelink (2010 Mt Arthur Coal Charity Bowls days) to purchase new equipment

Community Contributions

- 46% Sport/Recreation
- 28% Community Development
- 11% Education and Training
- 1% Art/Culture
- 3% Health
- 11% Environment

Complaints

- 4 Vibration
- 2 Noise

All blasting complaints received in July to August period were from one blast on the 9/7/2010 in the Windmill Pit area.

Two operation noise complaints received from the Castlerock road area.

9. GENERAL BUSINESS

Nil

10. NEXT MEETING DATE

Fourth Wednesday of month, 24th November 2010

MT ARTHUR COAL COMMUNITY CONSULTATIVE COMMITTEE

Meeting Closed: 6:00pm

ACTION ITEM NO.	ITEM	ACTIONED BY
1	Send Sponsorship application to GG	MGB
2	Everyone to bring AEMR to next CCC meeting to discuss any queries in data	all
3	Provide CCC with copy of new consent prior to next meeting if determination has been finalised	MGB