Peter Cunningham

From: Gary Marshall <garymarshall1963@hotmail.com>
Sent: 12 August 2015 11:30
To: Peter Cunningham
Cc: David Marshall; alison marshall; Brent Ganley; Gavin Brown
Subject: Re: Belsfield [NOT PROTECTIVELY MARKED]

Hi Peter,
We intend to cover the hole area as per Builders instructions to us. Brent or Gav will contact you with our intentions, thanks for the update.

Best Regards
Gary Marshall

Sent from my iPhone

On 12 Aug 2015, at 10:44, Peter Cunningham <Peter.Cunningham@southtyneside.gov.uk> wrote:

> **This email has been classified as: NOT PROTECTIVELY MARKED**
>
> Hello David - the gas monitoring results look OK which would satisfy condition 4.
>
> But condition 5 remains outstanding which represents a breach of planning permission, a remediation strategy is required which outlines how you intend to ensure that the contaminants identified within the supplementary report have been dealt with i.e. either removal or capping layer of inert material. The remediation would then need to be verified and a validation report submitted.
>
> Regards
> Peter
>
> ---
>
> **From:** David Marshall [mailto:nufcmarshall@hotmail.com]
> **Sent:** 12 August 2015 10:08
> **To:** Peter Cunningham
> **Cc:** Gary Marshall; alison marshall; Brent Ganley; Gavin Brown
> **Subject:** FW: Belesfield
>
> Peter,
>
> these are the missing gas monitoring results that i sent to laura and Michelle.
>
> As for the other thing the builders will have to answer that.
>
> cheers,
>
> David

From: sarah.corrigan@ianfarmer.co.uk
To: nufcmarshall@hotmail.com; garymarshall1963@hotmail.com
CC: chris.lewis@ianfarmer.co.uk
Subject: Belesfield
Date: Fri, 7 Aug 2015 15:36:35 +0000

David/Gary

Please find attached the completed set of gas monitoring for the site at Belesfield Gardens, Jarrow. We have not detected anything that would alter the initial conclusions in our report 30919 dated April 2014.

Regards

Sarah

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IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	27/03/2014

Background Readings:

O_2% v/v	20.6	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	Overcast, cloudy
Ground Conditions (dry/wet etc.)	Damp
Atmospheric Pressure (Start):	1015mb
Atmospheric Pressure (Finish):	1013mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS1	10:45	20.3	0.2	ND	ND	ND	NR	ND	0.10	4.00
WS2	10:55	20.2	0.2	ND	ND	ND	NR	ND	3.70	4.00
WS3	11:04	20.1	0.2	ND	ND	ND	NR	ND	3.85	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	WC
Checked By:	

IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	02/04/2014

Background Readings:

O_2% v/v	20.6	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	Overcast, damp
Ground Conditions (dry/wet etc.)	Damp
Atmospheric Pressure (Start):	1015mb
Atmospheric Pressure (Finish):	1013mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS1	10:30	20.0	0.6	ND	ND	ND	NR	ND	2.82	4.00
WS2	11:00	20.2	0.2	ND	ND	ND	NR	ND	2.80	4.00
WS3	10:45	16.3	2.1	ND	ND	ND	NR	ND	3.44	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	MEG
Checked By:	

IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	07/04/2014

Background Readings:

O_2% v/v	20.6	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	Rain
Ground Conditions (dry/wet etc.)	Wet
Atmospheric Pressure (Start):	977mb
Atmospheric Pressure (Finish):	977mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS1	11:10	20.5	ND	ND	ND	ND	NR	ND	0.10	4.00
WS2	11:30	20.5	ND	ND	ND	ND	NR	ND	0.10	4.00
WS3	11:40	14.4	2.6	ND	ND	ND	NR	ND	3.60	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	MEG
Checked By:	

IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	16/04/2014

Background Readings:

O_2% v/v	20.7	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	Sunny, fine, warm.
Ground Conditions (dry/wet etc.)	Dry.
Atmospheric Pressure (Start):	1019mb
Atmospheric Pressure (Finish):	1019mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS1	13:55	20.5	0.4	ND	ND	ND	NR	ND	0.42	4.00
WS2	13:59	20.7	0.1	ND	ND	ND	NR	ND	0.52	4.00
WS3	14:07	16.9	2.2	ND	ND	ND	NR	ND	3.30	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	CH
Checked By:	

IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	20/07/2015

Background Readings:

O_2% v/v	20.6	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	fine overcast
Ground Conditions (dry/wet etc.)	dry
Atmospheric Pressure (Start):	1005mb
Atmospheric Pressure (Finish):	1005mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS1	10:00	20.6	ND	ND	ND	ND	NR	ND	0.23	4.00
WS2	11:00	20.5	ND	ND	ND	ND	NR	ND	0.62	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	MD
Checked By:	

IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	27/07/2015

Background Readings:

O_2% v/v	20.0	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	Rain
Ground Conditions (dry/wet etc.)	Wet
Atmospheric Pressure (Start):	995mb
Atmospheric Pressure (Finish):	995mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS3	15:50	20.3	0.0	ND	ND	ND	NR	ND	DRY	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	MD
Checked By:	

IAN FARMER ASSOCIATES

Gas and Groundwater Monitoring Results

Contract No:	30919
Contract Name:	Belesfield Gardens
Date:	03/08/2015

Background Readings:

O_2% v/v	20.1	CO_2%v/v	ND	CH_4% v/v	ND
H_2S ppm	ND	CO ppm	ND	N_2 % v/v	NR

Weather Conditions	Sunny
Ground Conditions (dry/wet etc.)	dry
Atmospheric Pressure (Start):	1000mb
Atmospheric Pressure (Finish):	1001mb

Hole No:	Time (hh:mm)	O_2% v/v Lowest	CO_2% v/v Steady	CH_4% v/v Steady	H_2S ppm Steady	CO ppm Steady	N2 %v/v Steady	Gas Flow Rate (l/hr) Steady	SWL mBGL	Base of Pipe mBGL
WS1	08:32	20.1	ND	ND	ND	ND	NR	ND	0.15	4.00
WS2	08:36	19.4	0.5	ND	ND	ND	NR	ND	0.45	4.00
WS3	08:42	18.1	0.8	ND	ND	ND	NR	ND	3.35	4.00

Remarks:

ND = Below detection limit of instrument. NR = Not Recorded.

Readings Taken By:	MD
Checked By:	