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Cont : 1158 MS001 WEH-sja Date : 12 May 2008

REGENTS PLACE NORTH EAST QUADRANT, LONDON NW1 CONSTRUCTION PHASE METHOD STATEMENT FOR SOFT STRIP, ASBESTOS REMOVAL AND STRUCTURAL DEMOLITION

Hoardings shall be erected to the perimeter elevations using timber materials from sustainable sources, to lines agreed with the Local Authority and the Client Team. These works are identified within the relevant method statements and highlighted upon the attached demolition sequence plans.



REGENTS PLACE NORTH EAST QUADRANT, LONDON NW1 CONSTRUCTION PHASE METHOD STATEMENT FOR SOFT STRIP

CONSTRUCTION PHASE METHOD STATEMENT FOR SOFT STRIP, ASBESTOS REMOVAL AND STRUCTURAL DEMOLITION

Hazardous Materials

Removal of hazardous materials, such as gas refrigerants, shall be carried out by a specialist contractor to all known air-conditioning plant, and materials safely removed from site and disposed of by operatives using the existing site access routes to gain access to the working area.

Asbestos materials have been identified within a previously carried out type 3 survey of which a report has been issued for consideration. Materials identified within comprise of notifiable asbestos and non-notifiable asbestos.

In the event of notifiable asbestos, an ASB5 and full plan of works shall be submitted to the HSE prior to the removals taking place, not less than 14 days after the notice is submitted. This type of removals takes place under strict controlled conditions and works are subject to air clearance certification and certificates of re-occupation.

Non-notifiable asbestos materials, such as imitation roof tiles, floor tiles and Bakelite toilet cisterns, can be removed by operatives without an ASB5 and can be carried out wearing the correct PPE.

In both cases, the works shall be sequenced with soft strip durations applicable to each building and asbestos materials shall be removed from site under controlled conditions under relevant consignment duties for controlled waste.

Soft Strip Works

Soft strip works shall commence to each of the buildings following the sequence identified within the Construction Phase Programme appended to this method statement. The works shall be carried out by site demolition operatives, utilising hand tools to remove all internal partitioning, doors, ceilings and floor coverings back to the primary structure.

Works will generally be carried out by operatives working from the applicable floor levels and any excessive works at height are not foreseen at this stage, other than operatives working from aluminium / podium scaffolds to remove ceilings, etc.

All materials arising from soft strip operations will be discharged via internal chutes to ground level for handling and discharge into roll on / off skips for removal from site to suitably licenced recycling facilities.

20. Structural Demolition

Demolition of the structural elements of the building will progress following soft strip and removal of any identified asbestos on the floor to be demolished and the floor below.

The floors will be structurally assessed by our technical director to ensure the load bearing capacity of the floor is not exceeded by plant and arisings loadings.

The small 360 degree excavators will be lifted to the floor under the terms of a contract lift together with the specialist demolition attachments required. Consisting of pulverisers, shear, grapple, breaker and bucket.



REGENTS PLACE NORTH EAST QUADRANT, LONDON NW1 CONSTRUCTION PHASE METHOD STATEMENT FOR SOFT STRIP, ASBESTOS REMOVAL AND STRUCTURAL DEMOLITION

The excavators will proceed to demolish elements of the structure above slab level taking care that any and all arisings fall into and onto the slab at the floor level they are working. The sheeted scaffold will have the top 2 lifts boarded and these will be covered with carpet from the soft strip operations to ensure that any small chips of concrete are caught and do not fall to the ground below. The demolition scaffold will be cleared from time to time and before striking the top level of scaffold. Scaffolders will be required to wear protective eyewear when striking boards from the scaffold.

Elements of cladding will be cut by the excavator using the sheer attachment. Reinforcing bar present within the concrete will be similarly cut with shears or alternatively by operatives with oxy propane cutting gear or grinders. Hot work procedures will be followed for all hot works including cutting with an abrasive wheel.

We do not intend to lift elements off the building by crane as we consider that these elements cannot be tested insitu sufficiently to ensure safe lifting adjacent to public areas. External walls and columns will be supported on the designed demolition scaffolding and will be hinged over onto the floor slabs in a storey by storey sequence as demolition progresses.

A grapple and bucket will be used to feed arisings into the well holes. Use of the well holes will be coordinated to ensure that nobody is present at the lower levels when in use. Intermediate floor levels will be boarded up with safety signage displayed to prohibit usage. Demolition and soft strip arisings will be segregated and loaded away into skips.

Edge protection will be introduced in the form of baulk timbers to prevent the possibility of machines falling down well holes or over the demolition face at slab level. Handrails will be erected around well holes being used for soft strip arisings together with toe boards. Plant working areas will be created with the use of crowd barriers. Safety signage will be displayed prohibiting access to unauthorised persons. Where crowd barrier may be used as edge protection it will be secured back to structural elements and be positioned 2m back from the exposed face in order that if it were to fall over it would pose no risk of injury to persons leaning against it or below.

All operations giving rise to dust will be thoroughly damped down with fire hoses with atomiser sprays. General site areas and stockpiles will be kept damped down to minimise the incidence on wind blown dust.

Undue disturbance to adjacent building occupiers will be minimised by the utilisation of appropriate demolition attachments and plant. We will undertake appropriate liaison with adjacent occupiers to keep them informed of our proposed operations.

As the structure is demolished a ramp will be created out of the arisings to enable the excavator to descend to the next level. Where this may not be possible, due to storey height, excessive load on the slab or lack of suitable arisings, the excavators will be lifted down to the next level under a contract lift. Our Technica Director will assess ramp loads and temporary propping will be installed if necessary.



REGENTS PLACE NORTH EAST QUADRANT, LONDON NW1 CONSTRUCTION PHASE METHOD STATEMENT FOR SOFT STRIP, ASBESTOS REMOVAL AND STRUCTURAL DEMOLITION

Arisings chuted to ground level will be segregated for recycling and disposal to suitable outlets. Some of the initial concrete elements will be sent away for crushing and use on other construction projects. Later on in the project the concrete will be crushed on site for re-use on the project. This will result in 100% of all concrete and brickwork being re-used or recycled. All ferrous and non ferrous metals will be sent away for recycling. Carpets, timber, glass and assorted rubbish will be sent to a waste transfer facility. Here it will be segregated and up to 70% re-used or recycled. Copies of all waste transfer consignments notes will be retained on site.

For the entire demolition contract we anticipate at least 95% of the materials being re-used or recycled.

Once the top floors have been removed down to $3^{rd} / 4^{th}$ floor level heavier excavators will be utilised at ground level to demolish the structure. The façade above the vehicle crossovers may be broken out to allow the delivery of skips onto site. Suitable temporary works as required will be introduced to ensure the structural stability of the façade and ground floor structures.

The ground level slab will be demolished utilising larger tracked excavators and they will be utilised to remove the existing basement slab and carry out the necessary pile probing works. Care will be taken to avoid undue disturbance to the soil underlying the basement slab as there is no proposed reduced level dig. Pile probing will progress in line with slab removal to minimise undue trafficking on the underlying soil. A 500mm thick piling mat in crushed selected demolition arisings will be placed on the soil underlying the existing basement slab and this will be compacted as required. As there is no proposed reduced level dig, we do not foresee any need for underpinning of adjacent structures.

Any fuel tanks discovered on site will be drained, cleaned and certified gas free before being cold cut with shears for disposal.

Large quantities of fluorescent tubes will be collected and sent away for disposal to a suitable facility together with smoke detectors containing radioactive sources.

Air conditioning units will have refrigerant removed by a specialist contractor under a separate approved method statement prior to removal of associated plant and equipment. Certificates will be issued for the type and quantity of refrigerant removed.



Cont : 1158 MS001 WEH-sja Date : 12 May 2008

REGENTS PLACE NORTH EAST QUADRANT, LONDON NW1 CONSTRUCTION PHASE METHOD STATEMENT FOR SOFT STRIP, ASBESTOS REMOVAL AND STRUCTURAL DEMOLITION

Appendix 1 :

Risk Assessment of Works

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Dust Management Plan

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Dust Management Plan

REGENT'S PLACE

Client:

BRITISH LAND OFFICE (NON-CITY) LTD

	Author:			
Name	Andrew Sweetman BA (Hons) MSc AlEMA	Reference:	EN7839/R/1.2.2/AS	
Signature		Status:	SECOND ISSUE	
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This report has been prepared by Waterman Environmental, with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporation of our General Terms and Condition of Business and taking account of the resources devoted to us by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at its own risk.

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1. BRIEF AND INTRODUCTION

Waterman Environmental was commissioned by Harry Knibb of M3 Consulting on behalf of British Land Office (Non-City) Ltd, to conduct a dust monitoring study prior to and during the demolition and redevelopment works at 5HJHQW[]V 3ODFH 2/RCISNQs to incorporate the establishment of baseline conditions, the monitoring and reporting of dust levels during redevelopment works, and the establishment of procedures and mitigation measures to minimise the effects.

This study has been undertaken in accordance with the agreed scope of works as detailed in the proposal EN7839_I⁼_002_AS, based upon the requirements laid out by Gloria Esposito in her e-mail to Harry Knibb of 10 March 2008.

Waterman Environmental has endeavoured to assess all information provided to them during this investigation, but makes no guarantees or warranties as to the accuracy or completeness of this information. The conclusions resulting from this study are not necessarily indicative of future conditions or operating practices at or adjacent to the site.

2. SITE DESCRIPTION

The site presently comprises four office blocks (Blocks B, C, E and Q) with associated car parking spaces and areas of landscaping.

The site layout and surrounding premises, described below, are indicated on Figure 1A.

The site is located in a mixed residential and commercial area and is bounded by the following:

- Triton Square (offices) located to the immediate west of the site;
- Euston Tower (offices), to the immediate south of Block Q;
- Residential properties to the immediate north and east of the site; and

The site is to be developed as a mixed-use commercial and residential development. Based upon The Control of Dust and Emissions from Construction and Demolition Best Practice Guidance (prepared by London Councils in 2006), the site is considered to represent a medium risk site, given that there are to be more than 10, but fewer than 150 properties on site and that there is a potential for intermittent dust impacts upon sensitive receptors. As such guidance provided, with respect to medium sites, within the best practice document will be applied (as detailed within Section 5, below).

3. POFENTIALLY SENSITIVE RECEPTORS AND MEASUREMENT CONDITIONS

3.1 SEMISITIVE RECEPTORS

A review of the land uses surrounding the site has been undertaken to ensure that appropriate mitigation measures are implemented to minimise disruption to potentially sensitive receptors. Table 1 below lists the sensitive receptors around the site:

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Table 1: Sensitive Receptors

Category	Sensitive Receptor/ Land Use
Pedestrians	Pedestrians, cyclists and road users of surrounding highways and footpaths.
Residential	Schafer House, located across Drummond Street from the subject site, is used as a hall of residence for University College London.
	Tolmers Square, across Hampstead Road, is primarily a residential development.
Commercial	Occupants and users of offices immediately around the site, including:
	1 & 4 Triton Square (west); 2 & 3 Triton Square (south west); and Euston Tower (south).
Retail	There are several retail premises located on the ground floor of Euston Tower, these being:
	6DLQVEXU\¶V Starbucks; Eat.
	In addition, there are retail units located on the Hampstead Road frontage of Tolmers Square.

3.2 MEASUREMENT SET-UP AND CONDITIONS

Dust monitoring, measured as total suspended particulates (TSP) and respirable particulates (PM₁₀) was undertaken at six locations around the site over six visits on the following dates:

- 20 March 2008
- 27 March 2008
- 01 April 2008
- 07 April 2008
- 18 April 2008
- 13 May 2008

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The sample dust measurements were made using a handheld Aerocet 531 monitor, at approximately 1m above ground level. For each monitoring location on each visit, four 2-minute averaged readings were obtained over a 16 minute period. Weather conditions during the monitoring were generally dry and warm with a light to moderate wind, varying between overcast and sunny.

Plans showing the location of the baseline dust monitoring positions overlain onto the current site layout (Figure 1A) and the proposed development (Figure 2A) are included in Appendix A. Monitoring locations 2 and 4 were situated to target identified residential receptors, while the remaining four locations were positioned to give an even spread around the boundary while still targeting neighbouring commercial properties.

4. BASELINE LEVELS

The average dust results (for TSP and PM₁₀) at the six locations around the site, over the six monitoring visits, are presented below with the full results presented in Appendix B.

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Position	Location	Average PM ₁₉ Concentration	Average TSP Concentration	Notes / Comments
		(µg/m³)	(µ g/m³)	
1	Euston Tower	20.6	30.5	Relatively secluded
2	Hampstead Road	20.3	26.5	Busy road
3	Drummond Street	21.4	27.9	Quiet road
4	Schafer House	28	39.5	Quiet road
5	1-4 Triton Square	21	30	Private road
6	Triton Square	21.3	26.3	Pedestrian square

Table 2: Summary Baseline Dust Levels

5. MONITORING AND CONTROL REGIME DURING THE CONSTRUCTION AND DEMOLITION WORKS

5.1 MEASUREMENT SET-UP AND CONDITIONS

Continuous dust monitoring will be undertaken during the demolition and construction phase of the works, which are currently scheduled to commence at the beginning of June 2008 and be completed by December 2010. During the entire demolition and construction phase, dust measurements will be undertaken at three proposed continuous monitoring points located on the northern, eastern and southern boundaries of the site (see Figure 3A in Appendix C), at points targeting the most sensitive receptors (i.e. residential properties to the north and the east of the site and the public square to the south).

The continuous monitoring will be undertaken via three fixed AQ-Pack AMS monitors (see Appendix D for the specifications of the monitoring equipment used), which will be fixed at approximately 1m above ground level. For each of the monitoring points, the trigger action level will be set over at a 15 minute mean PM to concentration.

5.2 CONTINUOUS MONITORING PROTOCOL

The London Councils Best Practice Guidance suggests an action level set at 100μ g/m³ above the baseline level. Therefore, a PM₁₀ concentration of **120µg/m³**, as a mean value observed over a 15 minute period, will be adopted as the dust **Action Level** throughout the site works. This level may be increased for one or more of the locations following analysis by LBC of dust monitoring results obtained during the first week of monitoring.

Equipment will be maintained on a three monthly basis by site management, with calibration of the equipment done by the appointed Environmental Consultant (Waterman Environmental) on a six-monthly basis. Data will be retrieved from the monitors automatically on an hourly basis and the equipment will alert site management automatically should PM₁₀ levels exceed the action level. This frequency may be reviewed, in consultation with London Borough of Camden (LBC), later in the works during phases of development that have a lower potential to cause dust nuisance.

Data collected will be submitted to LBC on a three monthly basis. This report will identify key points of the dust monitoring exercise, which will include daily PM₁₀ concentrations at each sampling location, the

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date and time of the maximum monthly 15 minute mean PM_{10} concentrations as well as the date and time of exceedances of the agreed trigger action levels with details of associated action taken to mitigate these dust emissions. In addition, a record of any complaints received by the site will be provided, along with details of corrective actions taken.

5.2.1 Procedure

Mitigation Measures

On-going visual inspection of the site will be undertaken by the Contractor at all times. If dust clouds are observed, action will be taken immediately, notwithstanding dust monitoring measurements.

A specific person on site will be identified as being responsible for ensuring the minimisation of potential dust impacts. The following mitigation measures (incorporating then Best Practice Guidance document developed by London Councils) will be implemented by the Contractor at all times to reduce dust and other emissions from site activities and minimise disruption or nuisance to neighbouring occupiers:

- retaining windows and doors of the building for as long as is possible, to assist in the containment
 of the soft strip out works;
- solid barriers erected to site boundary;
- no burning of any materials on site;
- the location of stockpiles of soil and materials away from dust-sensitive properties, taking into account prevailing winds, for instance as close to the centre of the site as possible;
- location of plant and vehicles away from sensitive areas or housed in closed environments where possible;
- loading of material into lorries within designated bays/areas;
- haul routes on site should be hard surfaced where possible;
- spraying of water at work faces (including cutting faces), loading operations (e.g. wheels) and site
 access roads (especially any un-surfaced routes) using hosepipes, mechanical equipment or
 attachments during dry weather;
- use of dust-suppressed tools for all operations;
- screening, covering or dampening of exposed soil and stockpiles if necessary;
- erecting windbreak netting around material stockpiles and vehicle loading/unloading areas, exposed excavation and material handling operations to minimise dust re-suspension by wind;
- restricting 'drop heights' during lorry loading;
- regular servicing of engines, plant, maintenance of pumps, and bowser jets;
- mixing of large quantities of concrete or bentonite slurries to be carried out in enclosed/shielded areas;
- fully monarflexed safety scaffold shielding the nearby properties from the demolition process;
- wheel washing at the site entrance/exit and street sweeping;
- sheeting of lorries arriving at and leaving site that are carrying loose demolition material;
- · regular inspection and cleaning of local highways and site boundaries for dust deposits; and
- prevention of unnecessary engine idling.

The Contractor will ensure that all plant and vehicles are in good repair and conform to the manufacturers or legislative/British Standard emission standards. Plant maintenance and defect reports will be held on site in a designated file.

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Nhere the results of monitoring indicate that the Action Level has been exceeded, the following will be indertaken:

- identify the activity or activities causing the Action Level to be exceeded;
- investigate whether the activities could be easily changed or other simple actions taken to substantially reduce dust levels; and
- if simple and effective remedial measures cannot be identified, consider implementation of alternative techniques and/or additional mitigation measures.

n the event of a complaint being received, site management will, where possible, identify the source of he dust causing the complaint. Specific action to remedy the issue will be undertaken. Details of the complaint, corrective action taken and correspondence with the complainant will be recorded in the invironmental log-book.

3. CONCLUSIONS

The demolition and redevelopment works associated with 5HJHQWWWAC8 have the potential to give rise o dust impacts upon the occupants of the surrounding premises and public spaces.

Baseline dust monitoring has been undertaken in the area surrounding the site. Potential action levels have been identified and will be discussed and agreed with LBC. Works will then proceed in line with lest practice guidance and will be monitored throughout.

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References:

The Control of Dust and Emissions from Construction and Demolition \pm Best Practice Guidance, London Councils 2006

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Appendix A BASELINE MONITORING LOCATIONS

- OVERLAYED ONTO EXISTING STRUCTURES
- OVERCAYED ONTO PROPOSED DEVELOPMENT

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/	Site Boundary
0	Baseline Dust Monitoring Location

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Figure 1: Existing Site Plan Showing Baseline Dust Monitoring Locations Regent's Place

Project Title

Date

Drawing No EN7839_GR_DS_1A

March 2008

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Waterman Environmental Consulting Engineers & Scientists www.waterman-group.co.uk

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2 Appendix B BASELINE MONITORING RESULTS

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WATERMAN ENVIRONMENTAL DUST MONITORING RECORD SHEET

Date of monitoring visit: 20 03 08 Weather: Light rain, cold . Name of person undertaking monitoring: Andrew Sweetman

Monitoring	Start Time	Readings (µg/n	n ³)				Average (16	i minutes)	Sources/
Position		PM ₁	PM _{2.5}	PM ₇	PM ₁₀	TSP	PM ₁₀	TSP	Observations
		0	3	32	34	37		1	
1	14.20	0	4	10	12	13	170	10.5	
		0	4	0	11	12	17.0	19.5	
		0	4	11	14	16			
		0	13	23	25	27			
2	14.32	1	5	11	13	16	10	00 5	ł –
2		0	9	10	16	22	19	23.3	
		0	9	15	22	29			
	T	0	5	10	14	19			
3	14.37	0	5	13	15	17	40 5	3.5 16.5	
		0	5	11	12	14	13.0		
		0	5	11	13	16			
		0	5	13	16	20			
	48	1	6	15	18	23		7 23.3	
4		0	7	18	15	25	17		
		0	10	18	19	25			
		0	6	15	17	20			
	54	0	7	17	20	24			
5		0	7	19	22	25	20.3	23.8	
		0	8	19	22	26			
	15.05	0	7	21	25	30			
6		0	9	23	24	24			
	1	0	9	23	24	25	23.8	25.5	
		1	9	21	22	23			

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WATERMAN ENVIRONMENTAL DUST MONITORING RECORD SHEET

Date of monitoring visit: 27.03.08 Weather: Dry, sunny.

Name of person undertaking monitoring: Enan Keogh

	Start Time	Readings (µg/m ³)						5 minutes)	Sources/
Position		PM 1	PM _{2.5}	PM7	PM ₁₀	TSP	PM10	TSP	Observations
		0	4	7	8	10			
1	14:20	0	2	4	6	9			
		0	2	4	5	8	1.8	12.8	
		0	3	6	12	24			
	44.05	0	3	6	9	12			
2	14:35	0	2	4	5	7	7.	10	
		0	2	6	8	9	1.5	10	
		0	2	6	8	12		1	
2	44.50	0	5	16	19	21			
3	14:50	0	2	9	14	23	45.0		
		0	2	11	17	26	15.3	21.5	
······································		0	2	88	11	16			
	45.05	0	3	12	15	21			
4	15:05	0	3	5	8	12	0.5	40.5	
		0	2	4	6	8	9.5	13.5	
		0	2	7	9	13			
	45:00	0	2	4	5	6			
5	15:20	U	1	12	13	15		40.0	
		0	1	10	11	14	0	10.3	
	45.45	0	2	3	3	6			
R	13:45	U	2	3	5	9			
•		U	2	5	7	8	7.2	00	
		U	2	5	7	8	1.3	9.8	
		1	4	9	10	14			

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WATERMAN ENVIRONMENTAL DUST MONITORING RECORD SHEET

Date of monitoring visit: 01.04.08 Weather: Dry, windy. Name of person undertaking monitoring: Enan Keogh

Monitoring	01 - 1 T	Readings (µg/m ³)					Average (16	i minutes)	Sources/
Position	Start Time	PM ₁	PM _{2.5}	PM7	PM ₁₀	TSP	PM ₁₀	TSP	Observations
		2	15	24	28	37	1		· · · · · · · · · · · · · · · · · · ·
1	11:10	2	18	35	43	55	49.5	50	
-		2	20	45	54	69	42.0	58	
		2	18	33	45	75			
- <u> </u>		2	17	31	36	42			
	11:25	2	16	29	33	35	00 5	20	
2		2	16	32	35	40	33.5	33.5 38	
		2	15	24	30	35			
		2	16	32	42	58			
3	11:40	2	17	30	37	47	20 5	50.3	
		2	17	28	35	46	30.5		
		2	16	32	40	50			
		2	16	28	38	54			
	11:45	2	19	40	52	76	50 5	70.0	
4	1	2	18	40	56	81	50.5	12.3	
		2	18	45	56	78			
		2	18	40	46	60			
	12:00	2	15	33	39	49			
5			16	32	39	48	39.3	49.3	
			17	29	33	40			
	12.15	2	15	31	34	37			
6			16	26	29	31		0.0 5	1
*		2	15	28	29	31	30.5	32.5	
		1 1	16	28	30	31			

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WATERMAN ENVIRONMENTAL DUST MONITORING RECORD SHEET

Date of monitoring visit: 07.04.08 Weat

Weather: Dry, calm.

Name of person undertaking monitoring: Andrew Sweetman

	Start Time	Readings (µg/n	n ³)				Average (16	3 minutes)	
Position		PM ₁	PM _{2.5}	PM7	PM 10	TSP	PM10	TSP	Observations
		1	6	12	17	28		1	
1	10.10	0	3	9	11	14			
		0	3	9	12	19	14.8	21.5	
		1	7	10	19	25			
		0	5	10	15	23			
2	1025	0	4	12	17	27			
		0	4	13	17	24	17.3	26.0	
		1	5	15	20	30			
		0	4	10	14	20			
3	10:40	0	4	13	16	22			
		0	4	10	13	16	14.5	19.3	
		0	6	11	15	19			
		1	7	25	41	64			
4	11:00	1	7	35	46	65			
		0	6	23	39	68	42.0	65.3	-
		1	7	28	42	64			
		0	6	15	23	35			
5	11:15	0	5	11	16	24			
		1	6	13	19	29	19.5	29.8	
		1	6	15	20	31			
•	11:30	0	4	10	15	23			
0		0	6	16	24	30]]
		0	4	11	15	22	17.8	25.8	
		0	4	11	17	28			

EN7839_004_Baseline_Dust_AS

WATERMAN ENVIRONMENTAL DUST MONITORING RECORD SHEET

Date of monitoring visit: 18.04.08 Weather: Dry, caim. Name of person undertaking monitoring: Andrew Sweetman

Monitoring	Ionitoring Start Time		n ³)		Average (16 minutes)		Sources/		
Position	Start Time	PM ₁	PM _{2.5}	PM7	PM ₁₀	TSP	PM ₁₀	TSP	Observations
		4	11	18	18	74			
1	10.30	5	13	30	36	50	20.5	52	
		5	13	23	31	42	29.0	55	
		6	14	28	33	46			
		6	13	30	34	40			
	1025	6	13	20	24	29	20	25.5	
2		6	11	23	28	38	28	35.5	
		6	14	27	30	35			
		5	14	30	36	44			
3	10:40	5	13	28	34	41	24.0	27	1
-		5	12	21	27	35	31.0	51	
		5	12	24	30	28			
		5	12	28	34	42			
	11:00	5	13	27	35	48	25	AEO	
4		5	13	27	36	47	35	40.0	
		5	13	26	35	46			
		5	12	26	36	50			
	11:15	4	11	27	31	35	22	383	
2		4	13	20	27	39	2.5	30.5	
		4	11	1 9	23	29			
	11:30	5	13	27	32	41			
6		5	11	31	38	52	32	43.3	
		4	11	21	28	40	<u> </u>		
		4	10	23	30	40			

EN7839_005_Baseline_Dust_AS

EN7839

Regents Place

EN7839

WATERMAN ENVIRONMENTAL DUST MONITORING RECORD SHEET

Date of monitoring visit: 13.05.08

Weather: Windy, sunny.

Name of person undertaking monitoring: Jacintha Leau-Choy

Monitoring Position	Start Time	Readings (µg/m³)					Average (16 minutes)		Sources/
		PM ₁	PM _{2.5}	PM7	PM ₁₀	TSP	PM10	TSP	Observations
1	17:15	0	7	9	12	23	11.5	17	
		0	3	8	11	15			
		0	4	8	10	12			
		0	3	9	13	18			
2	17:25	1	5	12	17	24	15.7	26	······································
		0	3	8	15	26			
		0	3	11	17	30			
		0	4	8	14	24			
3	17:35	0	4	11	17	28	44.7	00.7	
		0	4	11	15	23			
		0	4	10	13	19	14.7	22.7	
		0	3	11	14	21			
4	17:45	0	5	12	15	17	13.5	16.7	
		U	3	11	14	21			
		0	5	11	13	15			
· · · · · · · · · · · · · · · · · · ·		0	4	10	12	14			
	47.55	0	3	10	14	21			······
5	17:55	0	4	9	15	22	45.5	00 F	
		0	4	13	19	39	15.5	26.5	
	40.05	0	4	11	14	24			
6	18:05	0	4	14	18	21	46.7		
		0	5	15	18	22			
		U	4	11	15	21	10.7	21.2	
		<u> </u>	4	12	16	21			

EN7839_006_Baseline_Dust_JLJL

EN7839

Appendix C CONTINUOUS MONITORING LOCATIONS

EN7839/R/1.2.2/AS Appendices

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