HSE
Health & Safety Executive

RECORD OF TEST, TEST AND EXAMINATION OR TEST AND THOROUGH EXAMINATION OF LIFTING PLANT AND EQUIPMENT

Description of the equipment Dando 2000 Drilling Rig

Name and Address of owner of equipment, and its location P J Drilling Ltd
25 Barnfield Wood Road, Beckenham, Kent. BR3 6SR

Identification mark of equipment Serial No. 01006348TR2A01

Safe working load or loads and (where relevant) corresponding radii

Steady Load 6 Tons
Test Load 7.5 Tons

Details of any defects found (if none state NONE) NONE

Date(s) by which defects described above must be rectified

Date or dates of completion 10/03/17

Declaration

I hereby declare that the equipment described in this record was tested, tested and examined or tested and thoroughly examined in accordance with the appropriate provisions and is found free from any defects likely to affect safety other than those listed above on

Date 10/03/17 and the above particulars are correct.

Signature or other identifications:

Name and address of persons making above declaration

Hyson Plant Ltd
Unit 5 Tunnel Avenue Trading Est
Delta Wharf
Greenwich
London SE10 0QE

Date the record is made: 10/03/17

Appendix C

Screening assessment

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Contaminant	Generic assessment criteria (mg/kg)**	Source	Soil Concentrations (mg/kg)	
			Made Ground	Natural Soils
Heavy Metals/ Metalloids				
Arsenic	40	CIEH S4UL	6.5 - 19	4.3 – 8.4
Cadmium	85	CIEH S4UL	<0.2	<0.2
Chromium	910	CIEH S4UL	15 – 35	10 – 11
Copper	7100	CIEH S4UL	17 – 100	8.8 – 13
Lead	310	DEFRA C4SL	11 – 140	5.4 – 6.6
Mercury	56	CIEH S4UL	<0.3 – 2.1	<0.3
Nickel	180	CIEH S4UL	13 – 42	10 – 13
Selenium	430	CIEH S4UL	<1 – 1.1	<1 – 2.4
Zinc	40000	CIEH S4UL	41 – 87	18 – 23
General Inorganics				
pH	*	n/a	7.6 – 10.1 pH units	-
Asbestos identification	*	n/a	Not detected	-
Polyaromatic Hydrocarbons				
Naphthalene	2.3	CIEH S4UL	<0.05	<0.05
Acenaphthylene	2900	CIEH S4UL	<0.05	<0.05
Acenaphthene	3000	CIEH S4UL	<0.05	<0.05
Fluorene	2800	CIEH S4UL	<0.05	<0.05
Phenanthrene	1300	CIEH S4UL	<0.05 – 0.29	<0.05
Anthracene	31000	CIEH S4UL	<0.05	<0.05
Fluoranthene	1500	CIEH S4UL	<0.05 – 0.33	<0.05
Pyrene	3700	CIEH S4UL	<0.05 – 0.27	<0.05
Benzo(a)anthracene	11	CIEH S4UL	<0.05 – 0.24	<0.05
Chrysene	30	CIEH S4UL	<0.05 – 0.26	<0.05
Benzo(b)fluoranthene	3.9	CIEH S4UL	<0.05	<0.05
Benzo(k)fluoranthene	110	CIEH S4UL	<0.05	<0.05
Benzo(a)pyrene	3.2	CIEH S4UL	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	45	CIEH S4UL	<0.05	<0.05
Dibenzo(a,h)anthracene	0.31	CIEH S4UL	<0.05	<0.05
Benzo(ghi)perylene	360	CIEH S4UL	<0.05	<0.05
Petroleum Hydrocarbons				
Aliphatic >EC5 - EC6	42	CIEH S4UL	<0.001	-
Aliphatic >EC6 - EC8	100	CIEH S4UL	<0.001	-
Aliphatic >EC8 - EC10	27	CIEH S4UL	<0.001	-
Aliphatic >EC10 - EC12	130	CIEH S4UL	<1.0	-
Aliphatic >EC12 - EC16	1100	CIEH S4UL	<2 – 6.6	-
Aliphatic >EC16 - EC21	65,000	CIEH S4UL	<8.0 – 16	-
Aliphatic >EC21 - EC35			<10 – 52	-
Aromatic >EC5 - EC7	370	CIEH S4UL	<0.001	-
Aromatic >EC7 - EC8	860	CIEH S4UL	<0.001	-
Aromatic >EC8 - EC10	47	CIEH S4UL	<0.001	-
Aromatic >EC10 - EC12	250	CIEH S4UL	<1	-
Aromatic >EC12 - EC16	1800	CIEH S4UL	<2 – 3.0	-
Aromatic >EC16 - EC21	1900	CIEH S4UL	<10	-
Aromatic >EC21 - EC35	1900	CIEH S4UL	<10 – 54	-

Contaminant	Generic assessment criteria (mg/kg)**	Source	Soil Concentrations (mg/kg)	
			Made Ground	Natural Soils
Others				
BTEX compounds	Various	-	<LOD for all	-
TPH C10-40	None	-	<LOD for all fractions	<LOD for all fractions
Semi volatile organic compounds	Various	-	<LOD for all compounds	-
Volatile organic compounds	Various	-	<LOD for all compounds	-

*Screening criteria not available / not required
** Residential without homegrown produce assessment criteria based on 1% soil organic matter content
CIEH = S4UL published by LQM/CIEH
DERFRA = C4SL published by DEFRA

Contaminant	UK Drinking Water Standard (ug/l)	EQS (ug/l)	Measured leachate concentration (ug/l)
Heavy Metals/ Metalloids			
Arsenic	10	50	2.8 – **20**
Boron	1000	-	<10 – 26
Cadmium	5	0.08*	<0.08
Chromium	50	-	2.6 – 5.8
Copper	2000	1	**7.6 – 11**
Lead	10	1.2	**4.0 – 5.4**
Mercury	1	0.07	**<0.5 – 0.5**
Nickel	20	4	1.8 – **4.3**
Selenium	10	-	<4 – 4
Zinc	10.9	-	4.4 – 10.0
Others			
BTEX compounds	Various		<LOD for all compounds
Polyaromatic hydrocarbons	Various		<LOD for all compounds
TPH CWG	Various		<LOD for all fractions
TPH C10-40	None		<LOD for all fractions
Semi volatile organic	Various		<LOD for all compounds
Volatile organic	Various		<LOD for all compounds

*Based on most conservative hardness value in absence of hardness data.

Appendix D

Discovery strategy

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Castlewood & Medius House
Discovery strategy

The following sets out a discovery strategy that will be adopted during earthworks and construction works by the Contractor.

Should any gross contamination such as oily material, material of an unusual colour or odour, possible Asbestos Containing Materials (ACMs) and/or tanks or other structures, be encountered during excavation, the following strategy is recommended:

1. Work to cease in that area;

2. Notify geo-environmental specialist to attend site and sample material. Notify the Contaminated Land Team at the Local Council if significant/gross contamination is encountered;

3. If deemed necessary by initial sampling and/or risk assessment, geo-environmental specialist/asbestos specialist to supervise the excavation of impacted material. Impacted material should be placed in a bunded area and covered to prevent rainwater infiltration.

4. Soil samples should be obtained by the geo-environmental engineer from both the excavated material and the soils in the sides and base of the excavation to demonstrate that the full area of impacted material has been excavated (based on visual/olfactory evidence and/or use of in-situ monitoring e.g. PID).

5. On receipt of chemical test results, the soils may be appropriately classified for treatment or disposal and dealt with accordingly.

6. Detailed records, including photographs and duty of care records, of the excavations, stockpile sizes, source and location should be kept and regularly updated to allow materials to be easily tracked from excavation until disposal off site.

7. Backfilling to be undertaken with material certificated as suitable for the proposed end land use.

8. Submission of appropriate plans, photographic records and chemical test results to the Local Authority, to be incorporated in relevant Verification Report.

9. Note that if works are deemed to be Notifiable Non-Licensed Works (NNLW) due to presence of asbestos, medical examinations and health records will be required (to be included in Verification Reports) and daily photographic records should be maintained by the contractor.