VALIDATION OF
REMEDIATION MEASURES CARRIED OUT

AT

PLENDER STREET, CAMDEN, LONDON NW1 0LB

FOR

HIGGINS CONSTRUCTION PLC

VERIFICATION REPORT

REPORT NUMBER 13804VA2

APRIL 2016

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1. INTRODUCTION

RSA Geotechnics Ltd were instructed by Higgins Construction PLC to inspect and validate remedial works associated with the development at Plender Street, Camden, London, NW1 0LB. The development comprised a five storey mixed commercial and residential development with limited areas of soft landscaping.

The development layout is shown on drawing number 13804VA/1.

An initial remedial strategy was set out in RSA Geotechnics Ltd report number 13804SI dated March 2014. Subsequent reports updated these remedial measures based upon a greater extent of contamination encountered across the site as presented in RSA Geotechnics Ltd report numbers 13804GI (May 2014) and 13804GI2 (November 2015). A validation letter report assessing the imported topsoil in areas of soft landscaping to the south and west of the site was presented in RSA Geotechnics Ltd report number 13804VA dated March 2016. A retrospective Remedial Method Statement (RMS) was produced in March 2016 at the request of the Local Authority to discharge planning conditions. At the time of issue the proposed development had been constructed and all areas of soft landscaping had been installed. The RMS was presented in RSA Geotechnics Ltd report number 13804RS dated March 2016. This verification report should be read in conjunction with the above RSA Geotechnics reports.

This verification report details the remedial works undertaken and compliance testing of imported topsoil used within the areas of soft landscaping.

The purpose of this report is to provide independent third party evidence of the remedial works that RSA Geotechnics Ltd have witnessed and bring together evidence provided by the Client of the work that was undertaken on site.

The remedial and validation works overseen by RSA Geotechnics Ltd comprised the following:

- Inspection of compliance certificates for imported topsoil to be used in areas of soft landscaping;
- Independent sampling and chemical analyses of imported topsoil for heavy metals, phenol, cyanide, pH, organic matter content, speciated PAH and asbestos.
- Inspection of waste transfer notes for all materials exported off site as part of the redevelopment.

The purpose of this report is to confirm that the remedial works listed above have achieved the required objectives laid out in the retrospective Remediation Method Statement dated March 2016, as demonstrated by the validation process.

Specific information relating to the removal of asbestos contaminated soils across the eastern limb of the site and water pipe materials has also been included within this report.

This report has been prepared for the sole internal use of Higgins Construction PLC. This report shall not be relied upon by other parties without the express written

authority of RSA Geotechnics Limited. If any unauthorised third party comes into possession of this report they rely upon it at their own risk and the authors owe them no duty of care or skill.

2. REMEDIATION STRATEGY

The risk assessment identified that remedial requirements for the site related to the protection of end users, and groundworkers during construction, with a limited amount of remedial work relating to off-site receptors and building materials. Therefore the following remedial recommendations were to be implemented throughout the development of the project.

The following sections include considerations for the protection of the identified site receptors and have been listed in chronological order of the activities likely to take place on site.

2.1 Pre-Construction Activities

2.1.1 Site Clearance Considerations

Following further investigation of the eastern limb of the site it was recommended that a supplementary investigation was undertaken across the western and southern limbs of the site following demolition. This was recommended primarily based upon the frequency and depth that asbestos containing materials (ACM) were encountered within the made ground across the eastern limb of the site.

The former buildings across the northern area of the site contained asbestos containing materials as identified in a pre-demolition asbestos survey provided by the Client. Prior to demolition of the buildings the safe removal of all asbestos

containing materials from within the buildings fabric was scheduled to be undertaken.

The site works also included the removal of small areas of hardstanding and flexible surfacing and potentially fill materials. The waste materials resulting from the removal of any flexible surfacing were to be kept separate from any other waste materials, and were to be disposed of to a waste facility that was suitably licensed to accept flexible surfacing waste.

Waste removed off-site was to be accompanied by waste transfer documentation, which was to be copied to the geoenvironmental engineer for inspection as evidence of appropriate disposal.

Further waste acceptance criteria testing was to be undertaken as required to classify the soils for waste disposal, depending on the final volumes of materials requiring removal off-site and the requirements of the receiving landfill.

It was recommended that the soils containing significant amounts of asbestos across the eastern limb of the site were either capped in place, subject to approval from the Local Authority, or that all of the made ground was removed and disposed of accordingly to remediate this area.

2.2 During Construction Activities

2.2.1 Piling Mat Considerations

Where materials were imported onto site for use as a piling mat (or for other purposes), consideration was to be given to the environmental impact and their suitability for the intended use, with respect to both their chemical and physical properties.

Materials comprising a recycled aggregate, such as demolition rubble, were to be tested to confirm the materials were free from asbestos containing materials and did not contain elevated concentrations of contaminants that could pose an unacceptable risk to the identified site receptors.

Construction materials from a 'clean' quarry source, such as crushed granite or natural sand and gravel would not require analytical testing, however information regarding the source of the material was to be provided by the supplier.

2.2.2 Protection of Groundworkers

All workers were to be made aware of the identified lead, benzo(a)pyrene and asbestos contamination on the site, and the potential risk of encountering contamination not already identified by the site investigation. To prevent direct contact with the made ground soils groundworkers were to wear protective clothing, in accordance with Health and Safety Regulations. Workers were to be properly equipped with dust masks, safety boots, gloves, hard hats and overalls and provided

with adequate washing facilities. All site workers were to wash their hands before eating, drinking or smoking, and site visitors were to be supervised and protected as necessary.

Removal of asbestos containing materials was to be undertaken by a competent and experienced contractor with suitable environmental protection, welfare facilities and personal protective equipment in place.

Confined spaces which personnel may have been required to enter, such as excavations, were to be monitored in accordance with the appropriate Health and Safety Guidelines prior to entry, and continuously during work, to ensure a safe working atmosphere.

2.2.3 Protection of Off-Site Receptors

A potential risk to off-site receptors was identified from the soils on site during construction.

Care was to be taken to prevent off-site pollution during construction either by dirty vehicles or by nuisance dust in order to protect the general public and neighbouring properties. Due to the presence of loose asbestos fibres within the soil it was considered necessary to dampen down the site surface to prevent dust generation and potential asbestos fibre release, and to provide a wheel wash for vehicles leaving the site where a risk of soils migrating off site was identified. Due to the significant presence of asbestos identified in the soils consideration was to be given

to employ perimeter air quality monitoring to demonstrate that the adopted measures were effective.

2.2.4 Building Materials

A potential risk to below ground concrete and potable water supply pipes was identified by the risk assessment.

A Design Sulphate Class of DS-3 with an Aggressive Chemical Environment for Concrete (ACEC) Class of AC-2s was recommended for below ground concrete structures.

A potential risk to potable water pipes was identified from recorded concentrations of PAH in the made ground. Water supply pipes and backfill materials used on site were to comply with the recommendations of the local water supply company.

2.2.5 Watching Brief

During the groundworks activities on site a watching brief was to be carried out to identify any previously undiscovered contamination. Groundworkers were to be made aware of the watching brief, and unexpected contamination identified during activities such as drilling for pile installation were to be reported to the site manager.

Vigilance was to be maintained by the groundworkers for the following evidence of contamination:-

- Dark staining of soils, or unusual colouration
- Hydrocarbon odours
- Suspected asbestos containing materials (ACM).

Should any previously undiscovered contamination be found the site manager was to contact the geoenvironmental engineer involved in the project, who was to attend site to inspect and carry out any necessary sampling and testing for risk assessment purposes. Further work within the area of the identified contamination would cease, until the risk assessment and/or any remedial works that were required indicated that the residual risk was acceptable. Any further risk assessment and remedial works were to be reported to the Environmental Health Department at Camden Council.

A record of any previously undiscovered contamination identified during the groundworks was to be kept by the site works manager. The records were to include the date, location of contamination, the identified materials, what activities were taking place, when the material was identified and approximately how large an area the identified contamination affected. Photographs of the contamination were also to be obtained.

A record was also to be maintained by the geoenvironmental engineer involved in the project. These records would include the above, plus any analytical test results and risk assessment works that were carried out as a result of the discovery.

Statements and photographic records kept either by the site manager, the geoenvironmental engineer, or both, depending of the outcome of the watching brief, were to be submitted to Camden Council as part of the validation works for the site. These were to be included within the final Verification Report for the site.

2.3 Post Construction Activities

2.3.1 Protection to End Users

To protect end users from the residual made ground and any potential asbestos, a clean cover system was to be placed in all soft landscaping areas to act as a physical barrier to prevent end users of the site coming in direct contact with the made ground. The clean cover was also to provide a suitable growing medium for vegetation, as the made ground on site was not considered physically suitable.

It was concluded that across the southern limb of the site, remediation should comprise the removal of at least 550 mm thickness of soil, which was to be replaced with a clean cover system (suitable imported topsoil/subsoil) and either a highly visible geogrid membrane beneath or a layer of clean crushed concrete, to form a marker/deter-to-dig layer. The clean cover was to be provided within all soft landscaping areas as identified on drawing number C6398 – CE8_A Remediation Plan, produced by Walker Associates and attached to this report.

For the remainder of the site, depending on finished levels, the construction of the clean cover system would be similar, however could be achieved by the placement of topsoil/subsoil on top of existing ground levels, the removal of 550 mm from the required areas and replacement, or a combination of the two approaches.

Imported topsoil (and subsoil if used) was to be accompanied by compliance certification providing evidence that the materials had originated from a clean, uncontaminated source and had been analytically tested and found to be potentially suitable for use in the proposed residential development.

Once on site the imported topsoil/subsoil were to be subject to independent validation sampling and testing to confirm the delivered materials were chemically suitable for use.

The collected topsoil/ subsoil samples were to be analysed for a range of commonly occurring contaminants including heavy metals, phenol, cyanide, PAH, and asbestos screening if considered necessary. The results of the analyses were to be compared against Tier 1 screening values derived for a 'residential without plant uptake' end use. The specific Tier 1 screening values used would be dependent on the percentage of soil organic matter content within the soils, which will be taken into consideration at the time of assessing the soil results.

A general guide of one sample per 20 m^3 was considered an acceptable validation rate of sampling for imported bulk materials. Therefore, this was the initial sampling strategy that was adopted for the site.

Inspection of the placed material was to involve the hand digging of small exploratory holes and recording of the clean cover thickness with a tape measure.

The documentation of the placement of the clean cover system was to include photographic evidence of inspections and plans illustrating the locations inspected. All inspection data and photographs were to be provided in the final verification report for the development of the site.

2.4 Waste Disposal

Based on the results of the contamination testing from the earlier site investigation, one sample of made ground from WS4 was classified as Hazardous waste, the remainder were classified as Non-Hazardous. The sample classified as Hazardous waste contained elevated lead and copper concentrations.

Additional WAC testing was carried out on composite samples, including WS3, WS4, WS5, WS7, WS8 and WS10 and the results indicated that the soils from these locations should be classified as Non-Hazardous rather than Inert due to elevated sulphate levels.

For the soils contaminated with asbestos, any materials containing significant concentrations of asbestos (>0.1% by weight), or any visible fragments of asbestos, would typically be regarded as Hazardous Waste and therefore would be subject to the consignment note procedures given in the Hazardous Waste Regulations.

Asbestos containing materials would generally be considered to be 'Stable Non-Reactive Hazardous' (SNRH) waste and would therefore need to be disposed of at a Hazardous landfill or a Non-Hazardous landfill which has separate cells to take SNRH waste. However, if the amount of asbestos present as fibres within the soils constitutes less than 0.1% by weight, the soils would not necessarily need to be classed as Hazardous, subject to the agreement of the receiving facility.

Classification of the soils was to be confirmed with the receiving landfill prior to removal off site, with further testing undertaken as necessary.

Copies of all waste transfer notes were to be copied to the Geoenvironmental Engineer for inspection as part of the validation process. The destination of the waste, the type of waste and volume of material removed off site were to be provided clearly as evidence that waste materials had been removed off site and disposed of to a suitably licensed waste disposal or management facility.

3. REMEDIATION WORKS AND VALIDATION TESTING

3.1 Introduction

The remediation works were carried out at appropriate times during the groundworks and construction phases of the project. RSA Geotechnics were not informed of the completion of remedial works across the eastern limb of the site and therefore were not able to attend site to validate the work undertaken. Photographic evidence was supplied by the Client towards the end of the project detailing what had occurred with regard to the asbestos contamination identified. The amount of contaminated waste exported off-site as detailed in the waste transfer notes supports the remediation reported to have occurred.

3.1.1 The Eastern Limb

Following the initial site investigation RSA Geotechnics were instructed to further investigate the extent of ACM contamination across the eastern limb of the site. Two return visits were undertaken as presented in RSA Geotechnics Ltd report number 13804GI dated May 2014. The investigation encountered loose fibres and bound material of amosite, chrysotile and crocidolite. It was recommended that the material was capped in place subject to approval of the Local Authority or that it was fully excavated and remediated. RSA Geotechnics were informed that the soils would be remediated, to avoid potential delays to the construction process while awaiting approval from the Local Authority to cap the contaminated soils.

RSA Geotechnics Limited were not involved in the remedial works at the time of their execution and no independent validation was undertaken. In March 2016 nearing completion of the scheme photographic evidence was provided by the Client of the remediation undertaken, which comprised the removal of approximately 1.5 m of made ground and the installation of a capping layer of clean material. No tests were undertaken on the installed material and certificates were not provided for the backfill material. Appendix 1 contains photographs documenting the remediation across the eastern limb of the site.

Whilst no validation testing was undertaken on the eastern limb of the site, all but a thin strip along the southern boundary of the eastern limb was covered by the development. There is consequently no pathway for the underlying soils to come into contact with end users and therefore it is considered that a negligible risk to end users exists. The photographic evidence (Appendix 1) shows that groundworkers were wearing protective clothing and face masks as would be deemed necessary when dealing with asbestos contaminated soils. The photographs also show a bowser used to dampen down the area and prevent the generation of dust.

3.1.2 Visit 1

On 20 October 2015 RSA Geotechnics Ltd undertook further assessment across the southern and western limbs of the site as presented in report number 13804GI2 dated November 2015. At the time of the visit the development had been constructed and work was starting on the installation of soft landscaping across the southern limb of the site.

The visit did not comprise validation works and of the five window sample holes which were proposed to investigate the southern limb, only two were accessible on the day due to on-going site works. The testing indicated the presence of bound amosite and chrysotile within fragments of insulation board and loose fibres of amosite within the made ground. A former road was encountered at 550 mm depth and no ACM was encountered beneath this level. It was therefore recommended that the clean cover system be extended from 300 mm to 550 mm in order to fully remove the ACM contamination.

3.1.3 Visit 2

On 22 February 2016 RSA Geotechnics Ltd attended site in order to validate the areas of soft landscaping across the site. Samples were taken from the southern limb and western limb of the site as detailed in letter report number 13804VA dated 3 March 2016.

The validation samples collected (HPA to HPD) were tested for a suite of common occurring contaminants including heavy metals and polycyclic aromatic hydrocarbons. Asbestos screens were also conducted on the topsoil and subbase material.

The report concluded that a clean cover system had been installed to a minimum depth of 550 mm as recommended and the chemical tests indicated the soils to be chemically suitable for the proposed end use. The soils were also considered to be physically suitable for the proposed end use.

A copy of the validation test results is attached to the back of this report in Appendix 2. Photographs of the inspection pits are shown in Appendix 3.

3.1.4 Visit 3

At the time of visit 2 the final areas of soft landscaping across the eastern limb and centrally on site along the eastern side of the access road had not been installed. RSA Geotechnics Ltd was instructed to return to complete validation works for these areas of soft landscaping. On 24 March 2016 RSA Geotechnics Ltd attended site in order to validate these areas of soft landscaping. Samples were taken from each location (HPE to HPG) and sent for chemical testing.

The locations inspected and sampled are detailed on drawing number 13804VA2/1 appended to this report. The results of the inspections are summarised below:

Table 3.1.4 – Summary of Inspections

Location	Topsoil Depth Range (m)	Crushed Aggregate Depth Range (m)
TPE	0.0 – 0.42	0.42 - >0.55
TPF	0.0 – 0.44	0.44 - >0.55
TPG	0.0 – 0.38	0.38 - >0.55

Samples of the topsoil were recovered for laboratory analysis. Samples of the crushed concrete were not taken during this visit however the material had been tested following visit 2 as previously described and found to be chemically suitable for the proposed end use.

From information provided by the Client, the crushed aggregate was supplied by Recycled Material Supplies Limited, and was understood to have been produced under the Quality Protocol devised by the Waste and Resources Action Program (WRAP). Grading certificates were available and have been appended to this report. Conveyance notes for the imported topsoil are also appended, although certification and test certificates were not available.

The minimum requirement of 550 mm of clean cover was met at each location. The locations of HPF and HPG are between the southern extent of the building and a wire mesh fence with a gap of approximately 0.5 m (Figure 1). It is unlikely that this area will be used for any kind of planting.

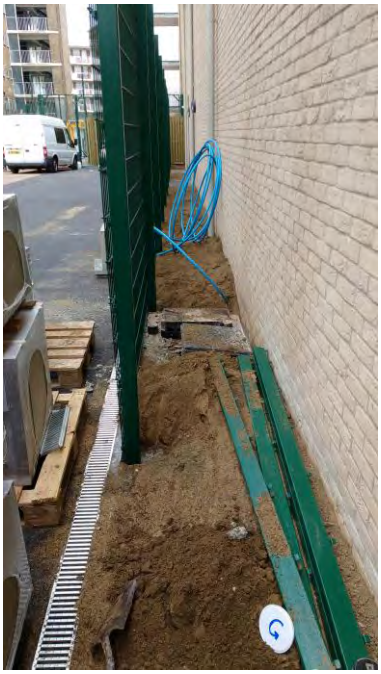


Figure 1

3.1.5 Water Pipe Materials

On 22 March 2016 RSA Geotechnics received an email from the Client with confirmation of the materials used for the installed potable water pipes. The email is attached as Appendix 4.

The main water supply pipe across the site has been reported to comprise 90 mm barrier pipe with connections comprising 63 mm barrier pipe and 50 mm medium density polyethylene.

4. WASTE DISPOSAL

Waste transfer information was provided by the Client to RSA Geotechnics for inclusion in this report.

The asbestos containing materials identified in the Refurbishment and Demolition Survey were removed off-site by Prodem Limited, based in Goffs Oak, Hertfordshire. One hundred and sixty bags of double wrapped ACM totalling 800kg was removed from site on 17 April 2014 and taken to Asbestos Waste Solutions, West Thurrock, Essex. The Environmental Permit number for the site was FP3694VC/A001.

Further waste transfer notes were provided detailing the removal of demolition rubble and the contaminated soils containing heavy metals and asbestos. A small selection of the waste transfer notes is appended to this report and indicate the soils were removed to Augean Plc, Kingscliffe Landfill Site, Stamford Road, Kings Cliffe, Peterborough. The site's permission number was TP3430GW.

Waste soils from the pile arisings were removed on behalf of Prodem by O'Donovan (Waste Disposal) Limited. The soils were disposed of at Markfield Road, N15.

Two waste skips containing metal (ferrous) materials were removed from site by Maskellmann Metals Recycling whose waste carrier licence was CB/YN578KD.

A selection of waste transfer notes is provided as Appendix 5.

5. CONCLUSIONS

RSA Geotechnics Limited considers that the pre-construction remediation of the site at Plender Street, Camden, London was mainly carried out in accordance with the strategy detailed in RSA Geotechnics reports 13804SI (March 2014); 13804GI (May 2014); 13804GI2 (November 2015); and subsequently summarised in the retrospective Remediation Method Statement 13804RS dated March 2016.

Remediation of the eastern limb of the site comprised removal of approximately 1.5 m of made ground rather than all of the made ground as originally proposed. This area was then capped with imported materials. However, as the development covers almost the entire eastern limb it is considered that the soils containing ACM are at sufficient depth and no pathway exists for any remnant asbestos within made ground in this area to impact end users of the development or off-site receptors. The testing of topsoil clean cover in the limited areas of soft landscaping did not identify any ACM within the soils or elevated concentrations of contaminants.

Assessment of the validation results for the soft landscaped areas across the southern and western limbs of the site did not record concentrations of determinands considered to pose an unacceptable risk to site receptors.

Details relating to the removal of soils off site have been provided to RSA Geotechnics Ltd. The information provided indicates that the materials were removed off site by Prodem Ltd to a landfill site operated by Augean, Peterborough.

This report is based on the results of the sampling and validation testing carried out and visual examination of the remedial excavations. The possibility that hotspots of hitherto undiscovered contamination may exist elsewhere beneath the site cannot be ruled out, although the risk is considered to be very low.

C J STEWARD, BSc, FGS

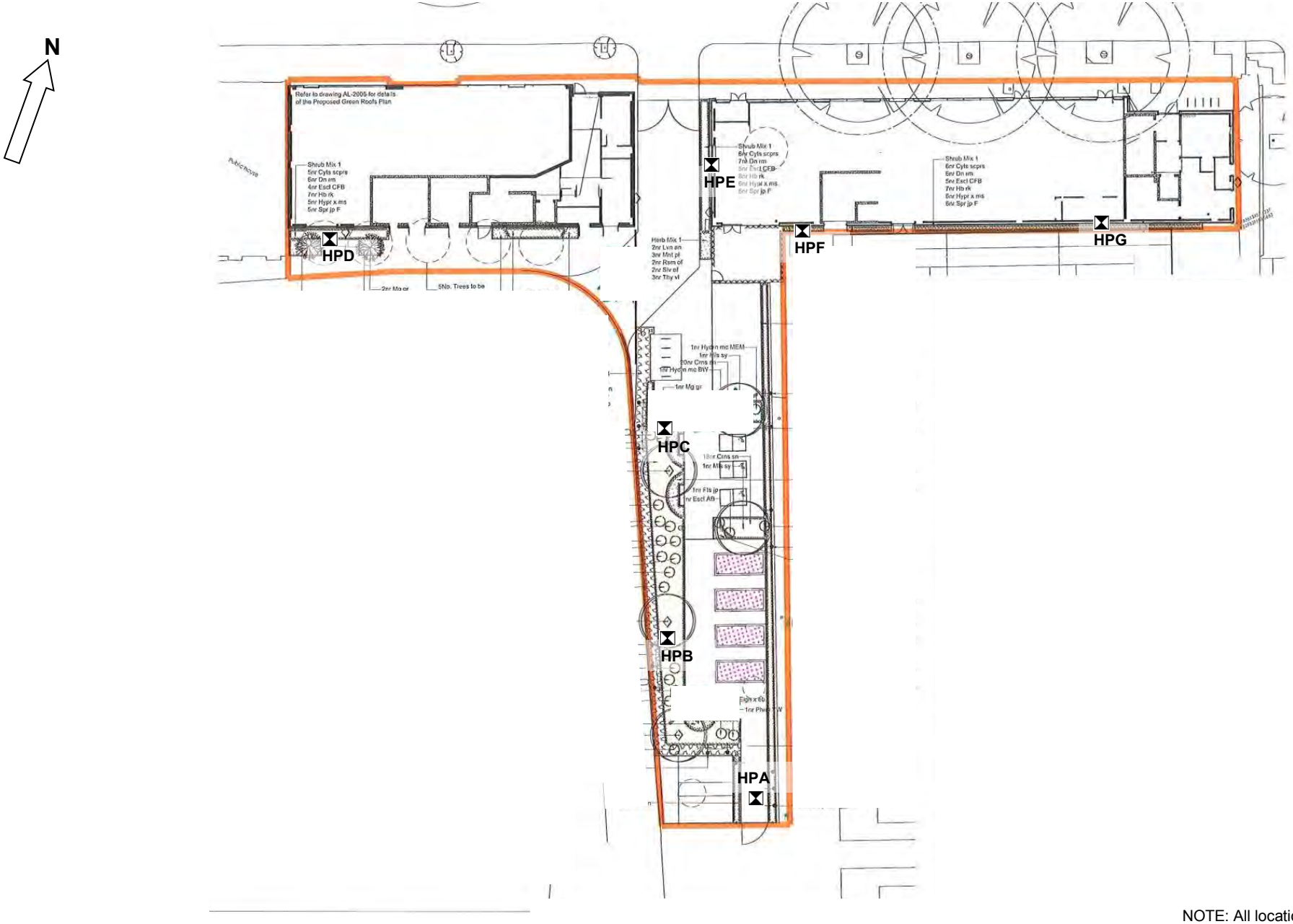
Geotechnical Engineer

A M PHILLIPS, FGS

Technical Director

Report Number 13804VA2

Report Issued 4 April 2016



NOTE: All locations are approximate

PLAN INDICATING AREAS INSPECTED AND SAMPLE LOCATIONS (Based upon RPS drawing number AL 2002) PLENDER STREET, CAMDEN, LONDON	Date 4 APRIL 2016 Scale NOT TO SCALE
RSA GEOTECHNICS LIMITED	Drawing No 13804VA2/1 Version A

HATCHING DENOTES EXTENT OF PROPOSED SOFT LANDSCAPING AREAS TO HAVE A CLEAN COVER SYSTEM TO THE TOP OF THE FORMER COBBLESTONE ROAD OR EQUIVALENT IN DEPTH OF 550MM WITH A 'DETER–TO–DIG' MEMBRANE OR 150MM LAYER OF CLEAN CRUSHED CONCRETE AT THE BASE.

REFER TO RSA GEOTECHNICS LTD LETTER REPORT REF: CJS/13804GI2/PJB, DATED 16TH NOVEMBER 2015 FOR FURTHER DETAILS.

PLEASE ALSO REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR PLANTING/SOIL REQUIREMENTS/DETAILS.

NOTE!
THE THICKNESS OF CLEAN IMPORTED SOIL STATED ON THE DRAWING IS THE MINIMUM TO SATISFY THE SITE REMEDIATION REQUIREMENTS. AREAS OF INCREASED THICKNESS OF CLEAN IMPORTED SOIL MAY BE REQUIRED TO SUIT THE PROPOSED LANDSCAPING SCHEME.
ALSO, FURTHER AREAS OF CLEAN SOIL MAY BE REQUIRED WHERE PLANTING IS TO BE CARRIED OUT IN AREAS OF HARD LANDSCAPING, IE, FOR TREE PITS.
THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE PROPOSED LANDSCAPING LAYOUTS.

Key:

- 23.54 — Existing ground level
- F.F.L 23.925 — Proposed building finished floor level
- 23.800+ — Proposed finished level
- (+23.300) — Minimum formation level
- Dropper Kerb
- Retaining wall
- 125KF — Proposed kerb face

Plender Street
Bayham Place
Garages
Public house
FAVERSHAM HOUSE
RAINHAM HOUSE
Rainham House
Sports Pitch Relocated
CAMDEN TOWN SPORTS PITCH
Landrake
Norbiton House
NORBITON HOUSE
Kingston House
KINGSTON HOUSE
Camden Street
CAMDEN STREET
St Pancras Community Centre
ST PANCRAS COMMUNITY CENTRE
Richard Cobden Primary School
RICHARD COBDEN PRIMARY SCHOOL
F.F.L 23.700
F.F.L 23.875
F.F.L 23.975
F.F.L 23.575

REV	DATE	AMENDMENT	BY	CHKD
A	27.11.15	LEVELS UPDATED, FORMATION LEVELS ADDED.	DMB	

STATUS *FOR APPROVAL*

PROJECT
PLENDER STREET
LONDON

CLIENT
Higgins CONSTRUCTION

DRAWING
REMEDIATION STRATEGY PLAN

DATE 25.11.15 DRAWN BY DMB
SCALES (@A1)-1:200 CHECKED BY

DRG NO. C6398 – CE8.A

walker associates CONSULTING LIMITED
Address 13 Capricorn Centre, Cranes Farm Road, Basildon, Essex SS14 3JJ
Tel 01268 530 500
Fax 01268 28 66 28
Web www.walker-associates.co.uk

RSA GEOTECHNICS LTD

APPENDIX 1

Photographs of Eastern Limb Remediation

RSA GEOTECHNICS LTD

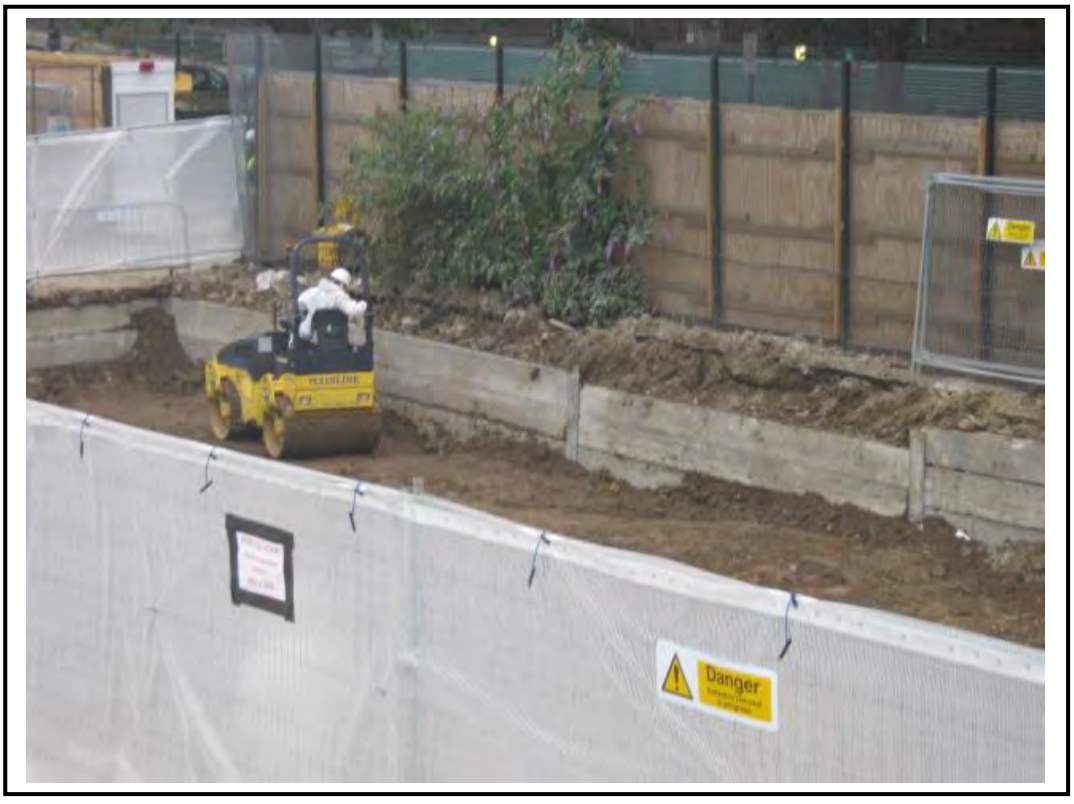
Area of asbestos contamination covered with plastic sheeting

Excavation of asbestos contaminated soils with operatives in disposable overalls

Excavation and damping down of asbestos contaminated soils.

Placement of new soils.

Depth of contaminated soils removed.



Compaction of newly placed material.

Completed piling mat undergoing geotechnical testing.

Installed piling mat.

Piles installed across the eastern limb of the site.

Piling through eastern limb may produce ACM containing soils beneath 1.5 m depth therefore we were informed that the pile arisings were dealt with as contaminated waste.

RSA GEOTECHNICS LTD

APPENDIX 2

Validation Test Results

Chris Steward
RSA Geotechnics Ltd
Ashburnham House
1 Maitland Road
Lion Barn Estate
Needham Market
Suffolk
IP6 8NZ

QTS Environmental Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410
russell.jarvis@qtsenvironmental.com

QTS Environmental Report No: 16-42288

Site Reference:	Plender Street, Camden, London NW1 0LB
Project / Job Ref:	13804VA2
Order No:	None Supplied
Sample Receipt Date:	29/03/2016
Sample Scheduled Date:	29/03/2016
Report Issue Number:	1
Reporting Date:	31/03/2016

Authorised by:

Russell Jarvis
Associate Director of Client Services
On behalf of QTS Environmental Ltd

Authorised by:

Kevin Old
Associate Director of Laboratory
On behalf of QTS Environmental Ltd

QTS Environmental Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate							
QTS Environmental Report No: 16-42288	**Date Sampled**	24/03/16	24/03/16	24/03/16		
RSA Geotechnics Ltd	**Time Sampled**	None Supplied	None Supplied	None Supplied		
Site Reference: Plender Street, Camden, London NW1 0LB	**TP / BH No**	TPE	TPF	TPG		
Project / Job Ref: 13804VA2	**Additional Refs**	D1	D1	D1		
Order No: None Supplied	**Depth (m)**	0.20	0.20	0.20		
Reporting Date: 31/03/2016	**QTSE Sample No**	198699	198700	198701		

Determinand	Unit	RL	Accreditation					
Asbestos Screen	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected		
pH	pH Units	N/a	MCERTS	7.5	7.6	7.6		
Total Cyanide	mg/kg	< 2	NONE	< 2	< 2	< 2		
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS	468	127	68		
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS	0.47	0.13	0.07		
Elemental Sulphur	mg/kg	< 10	NONE	< 10	< 10	< 10		
Organic Matter	%	< 0.1	MCERTS	3.4	3.9	3.3		
Total Organic Carbon (TOC)	%	< 0.1	MCERTS	1.9	2.3	1.9		
Arsenic (As)	mg/kg	< 2	MCERTS	6	6	5		
W/S Boron	mg/kg	< 1	NONE	1.4	1.4	1.3		
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2		
Chromium (Cr)	mg/kg	< 2	MCERTS	20	19	18		
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2		
Copper (Cu)	mg/kg	< 4	MCERTS	11	11	11		
Lead (Pb)	mg/kg	< 3	MCERTS	21	27	20		
Mercury (Hg)	mg/kg	< 1	NONE	< 1	< 1	< 1		
Nickel (Ni)	mg/kg	< 3	MCERTS	5	5	6		
Selenium (Se)	mg/kg	< 3	NONE	< 3	< 3	< 3		
Zinc (Zn)	mg/kg	< 3	MCERTS	44	47	48		
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30^{O}C

Analysis carried out on the dried sample is corrected for the stone content

The samples have been examined to identify the presence of asbestiform minerals by polarising light microscopy and dispersion staining technique to In-House Procedures QTSE600 Determination of Asbestos in Bulk Materials; Asbestos in Soils/Sediments (fibre screening and identification)

This report refers to samples as received, and QTS Environmental Ltd, takes no responsibility for the accuracy or competence of sampling by others.

The material description shall be regarded as tentative and is not included in our scope of UKAS Accreditation.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

Asbestos Analyst: Marcus Jones

RL: Reporting Limit

Pinch Test: Where pinch test is positive it is reported "Loose Fibres - PT" with type(s).

Subcontracted analysis $^{(S)}$

QTS Environmental Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - Speciated PAHs							
QTS Environmental Report No: 16-42288	Date Sampled	24/03/16	24/03/16	24/03/16		
RSA Geotechnics Ltd	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Plender Street, Camden, London NW1 0LB	TP / BH No	TPE	TPF	TPG		
Project / Job Ref: 13804VA2	Additional Refs	D1	D1	D1		
Order No: None Supplied	Depth (m)	0.20	0.20	0.20		
Reporting Date: 31/03/2016	QTSE Sample No	198699	198700	198701		

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Fluoranthene	mg/kg	< 0.1	MCERTS	0.17	0.24	< 0.1		
Pyrene	mg/kg	< 0.1	MCERTS	0.13	0.19	< 0.1		
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30^{O}C

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Soil Analysis Certificate - Sample Descriptions	
QTS Environmental Report No: 16-42288	
RSA Geotechnics Ltd	
Site Reference: Plender Street, Camden, London NW1 0LB	
Project / Job Ref: 13804VA2	
Order No: None Supplied	
Reporting Date: 31/03/2016	

QTSE Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
198699	TPE	D1	0.20	21.8	Brown loam with vegetation
198700	TPF	D1	0.20	19.6	Brown loam with vegetation
198701	TPG	D1	0.20	16.5	Brown loam with vegetation

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample I/S

Unsuitable Sample U/S

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Soil Analysis Certificate - Methodology & Miscellaneous Information
QTS Environmental Report No: 16-42288
RSA Geotechnics Ltd
Site Reference: Plender Street, Camden, London NW1 0LB
Project / Job Ref: 13804VA2
Order No: None Supplied
Reporting Date: 31/03/2016

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10 C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

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QTS Environmental Report No: 16-41041

Site Reference:	Plender Street, Camden, London NW1 OLG
Project / Job Ref:	13804 VA
Order No:	None Supplied
Sample Receipt Date:	24/02/2016
Sample Scheduled Date:	24/02/2016
Report Issue Number:	1
Reporting Date:	01/03/2016

Authorised by:

Russell Jarvis
Associate Director of Client Services
On behalf of QTS Environmental Ltd

Authorised by:

Kevin Old
Associate Director of Laboratory
On behalf of QTS Environmental Ltd

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Soil Analysis Certificate							
QTS Environmental Report No: 16-41041	Date Sampled	22/02/16	22/02/16	22/02/16	22/02/16	22/02/16
RSA Geotechnics Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Plender Street, Camden, London NW1 OLG	TP / BH No	HPA	HPB	HPB	HPC	HPD
Project / Job Ref: 13804 VA	Additional Refs	D1	D1	D2	D2	D1
Order No: None Supplied	Depth (m)	0.20	0.20	0.50	0.70	0.20
Reporting Date: 01/03/2016	QTSE Sample No	193577	193578	193579	193580	193581

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
pH	pH Units	N/a	MCERTS		8.1		9.1	7.7
Total Cyanide	mg/kg	< 2	NONE		< 2		< 2	< 2
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS		66		630	367
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS		0.07		0.63	0.37
Elemental Sulphur	mg/kg	< 10	NONE		< 10		< 10	< 10
Organic Matter	%	< 0.1	MCERTS		3		2.8	2.6
Total Organic Carbon (TOC)	%	< 0.1	MCERTS		1.7		1.6	1.5
Arsenic (As)	mg/kg	< 2	MCERTS		5		6	6
W/S Boron	mg/kg	< 1	NONE		1.4		< 1	1.4
Cadmium (Cd)	mg/kg	< 0.2	MCERTS		< 0.2		< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS		17		16	13
Chromium (hexavalent)	mg/kg	< 2	NONE		< 2		< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS		26		13	9
Lead (Pb)	mg/kg	< 3	MCERTS		24		37	18
Mercury (Hg)	mg/kg	< 1	NONE		< 1		< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS		7		8	6
Selenium (Se)	mg/kg	< 3	NONE		< 3		< 3	< 3
Zinc (Zn)	mg/kg	< 3	MCERTS		54		64	40
Total Phenols (monohydric)	mg/kg	< 2	NONE		< 2		< 2	< 2

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30^{O}C
Analysis carried out on the dried sample is corrected for the stone content
Subcontracted analysis (S)

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Soil Analysis Certificate							
QTS Environmental Report No: 16-41041	Date Sampled	22/02/16					
RSA Geotechnics Ltd	Time Sampled	None Supplied					
Site Reference: Plender Street, Camden, London NW1 OLG	TP / BH No	HPD					
Project / Job Ref: 13804 VA	Additional Refs	D2					
Order No: None Supplied	Depth (m)	0.85					
Reporting Date: 01/03/2016	QTSE Sample No	193582					

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected				
pH	pH Units	N/a	MCERTS					
Total Cyanide	mg/kg	< 2	NONE					
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS					
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS					
Elemental Sulphur	mg/kg	< 10	NONE					
Organic Matter	%	< 0.1	MCERTS					
Total Organic Carbon (TOC)	%	< 0.1	MCERTS					
Arsenic (As)	mg/kg	< 2	MCERTS					
W/S Boron	mg/kg	< 1	NONE					
Cadmium (Cd)	mg/kg	< 0.2	MCERTS					
Chromium (Cr)	mg/kg	< 2	MCERTS					
Chromium (hexavalent)	mg/kg	< 2	NONE					
Copper (Cu)	mg/kg	< 4	MCERTS					
Lead (Pb)	mg/kg	< 3	MCERTS					
Mercury (Hg)	mg/kg	< 1	NONE					
Nickel (Ni)	mg/kg	< 3	MCERTS					
Selenium (Se)	mg/kg	< 3	NONE					
Zinc (Zn)	mg/kg	< 3	MCERTS					
Total Phenols (monohydric)	mg/kg	< 2	NONE					

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30^{O}C
Analysis carried out on the dried sample is corrected for the stone content
Subcontracted analysis (S)

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Soil Analysis Certificate - Speciated PAHs							
QTS Environmental Report No: 16-41041	Date Sampled	22/02/16	22/02/16	22/02/16		
RSA Geotechnics Ltd	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Plender Street, Camden, London NW1 OLG	TP / BH No	HPB	HPC	HPD		
Project / Job Ref: 13804 VA	Additional Refs	D1	D2	D1		
Order No: None Supplied	Depth (m)	0.20	0.70	0.20		
Reporting Date: 01/03/2016	QTSE Sample No	193578	193580	193581		

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	0.14	< 0.1		
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	0.13	< 0.1		
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	0.69	< 0.1		
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	0.15	< 0.1		
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	1.10	0.20		
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.85	0.15		
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	0.41	< 0.1		
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	0.44	< 0.1		
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.45	< 0.1		
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.19	< 0.1		
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.27	< 0.1		
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.17	< 0.1		
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	0.15	< 0.1		
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	5.1	< 1.6		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30^{O}C

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Soil Analysis Certificate - Sample Descriptions	
QTS Environmental Report No: 16-41041	
RSA Geotechnics Ltd	
Site Reference: Plender Street, Camden, London NW1 OLG	
Project / Job Ref: 13804 VA	
Order No: None Supplied	
Reporting Date: 01/03/2016	

QTSE Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
193578	HPB	D1	0.20	21	Brown sandy clay with vegetation
193580	HPC	D2	0.70	13.6	Brown sandy clay with concrete and vegetation
193581	HPD	D1	0.20	17.7	Brown sandy clay

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample I/S

Unsuitable Sample U/S

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Soil Analysis Certificate - Methodology & Miscellaneous Information
QTS Environmental Report No: 16-41041
RSA Geotechnics Ltd
Site Reference: Plender Street, Camden, London NW1 OLG
Project / Job Ref: 13804 VA
Order No: None Supplied
Reporting Date: 01/03/2016

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10 C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

RSA GEOTECHNICS LTD

APPENDIX 3

Validation Photographs

RSA GEOTECHNICS LTD

Project
PLENDER STREET, CAMDEN, LONDON

Job No. 13804VA2
Date APRIL 2016

RSA GEOTECHNICS LTD

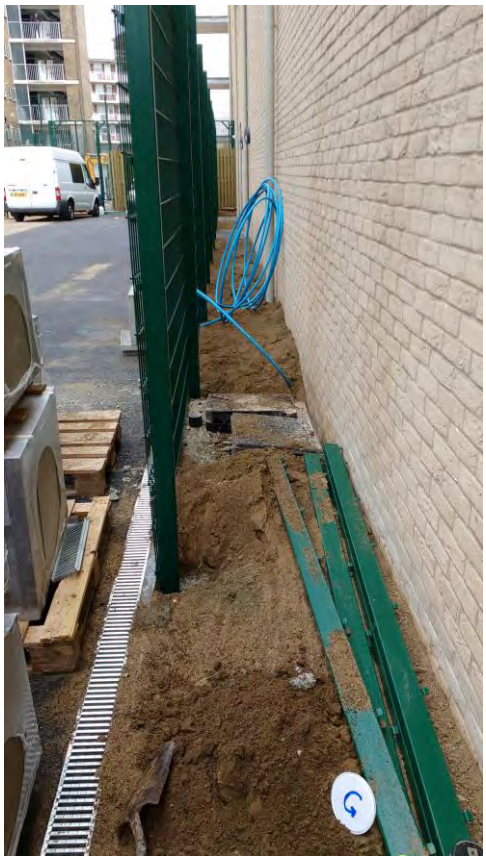
RSA GEOTECHNICS LTD

HPA

HPB and HPC

HPD

HPE



HPF and HPG

APPENDIX 4

Email Confirmation Regarding Potable Water Pipes

Chris Steward

From: Shawn Nudd <shawn.nudd@higginsconstruction.co.uk>
Sent: 22 March 2016 08:43
To: Chris Steward
Subject: FW: Plender Street, Camden

Chris,

Please find below confirmation of the installed water pipework to the whole development.

Kind regards

Shawn Nudd ACIOB
Senior Projects Co-Ordinator
Higgins Construction PLC
Switchboard: 020 8508 5555
0208 498 6081
07798 677034
shawn.nudd@higginsconstruction.co.uk
www.higginsconstruction.co.uk

Higgins

London Evening Standard NEW HOMES AWARDS 2015 WINNER

From: Malcolm Thorne [mailto:malcolm@colemanheating.co.uk]
Sent: 22 March 2016 07:33
To: Shawn Nudd
Subject: RE: Plender Street, Camden

Morning Shawn

Water main supply pipes across site. 90mm barrier pipe, 63mm barrier pipe and 50mm mdpe

Regards

Malcolm

Malcolm Thorne
Contracts Manager
Coleman (Heating) Sales Ltd – Est 1967
Danbury Electrical Services Ltd – Est 1977
60a Mill Lane, Danbury, Essex, CM3 4HY. Tel. 01245 222761/01245 2224784/Fax:01245 227092

Email: malcolm@colemanheating.co.uk
Web: www.colemanheating.co.uk
Web: www.danburyelectrical.co.uk

From: Shawn Nudd [mailto:shawn.nudd@higginsconstruction.co.uk]
Sent: Monday, March 21, 2016 4:54 PM
To: Derek Tomlin; Malcolm Thorne
Cc: James Buller; Gottlieb Schoeman
Subject: Plender Street, Camden
Importance: High

Derek / Malcolm,

With reference to Plender Street, we are trying to conclude the soil remediation works for Planning Discharge. RSA have nearly completed the report, but have the following questions:

The eastern limb of the site (under Block B) RSA require the following information:

- ☐. Waster Transfer Tickets (We have these, James is bringing in the tickets for me tomorrow)
- ☐. Photos of the soil removal / reduction in level and the build up / backfill.
- ☐. Type of water pipes installed – running across the site (Barrier pipe?)

Please can you provide any details you may have available asap or direct me in the right location so we can close this out.

Kind regards

Shawn Nudd ACIOB
Senior Projects Co-Ordinator
Higgins Construction PLC
Switchboard: 020 8508 5555
0208 498 6081
07798 677034
shawn.nudd@higginsconstruction.co.uk
www.higginsconstruction.co.uk

Higgins

RSA GEOTECHNICS LTD

APPENDIX 5

Selection of Waste Transfer Notes

O'DONOVAN (WASTE DISPOSAL) LIMITED

MARKFIELD HOUSE, 82 MARKFIELD ROAD,
LONDON N15 4QF
Tel: 020 8801 9561 Fax: 020 8808 1043 www.odonovan.co.uk

CWTN No. 118855

CONVEYANCE NOTE
FORM (C)
Weights and Measure Act
1985 Schedule 4 Paragraph 7

DUTY OF CARE CONTROLLED
WASTE TRANSFER NOTE
Environmental Protection Act 1990
Issued By The Environment Agency

WE ARE WASTE CARRIERS LICENCE NUMBER CB/GP3975PZ

ON BEHALF OF THE PRODUCER	DATE OF TRANSFER
PROBEM	11.10.14

ADDRESS OF COLLECTION / DELIVERY POINT

PLENDER ST NW1

VEHICLE REG NO.	TIME ON SITE	TIME OFF SITE
KL08 OZJ		

CUBIC METRES (IN WORDS)	DESCRIPTION WASTE/MATERIAL	GROSS
15M3.	SOIL/STONE (PILING MUCK AWAY)	TARE
		NETT
		EWC 17 05 04

WASTE TIPPED AT:	SIC CODE
MARKFIELD RD N15.	41201

N.B. TO CUSTOMERS, AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET. THIS IS IN YOUR INTEREST - PLEASE READ THIS TICKET FULLY AND INSPECT MATERIAL, AGREEING QUANTITY, QUALITY AND THAT EVERYTHING IS TO YOUR SATISFACTION BEFORE FINALLY SIGNING THIS RECEIPT NOTE.

WE REGRET WE CANNOT UNDER ANY CIRCUMSTANCES ENTERTAIN ANY CLAIMS CONCERNING QUANTITY OR QUALITY, ONCE THE VEHICLE HAS LEFT THE SITE, AND A CLEAR SIGNATURE HAS BEEN GIVEN.

NAME	NAME	SIGNED
I DUMITRU	P.D.DUDU	
REPRESENTING THE CARRIER	IN BLOCK CAPITALS	DATED

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF A SALE OR AN AGREEMENT FOR THE SALE THEREOF MADE BY VOLUME.

CUSTOMERS ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY
WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILE DELIVERING TO YOUR SITE.
I THE CLIENT CONFIRM THAT WE HAVE CONSIDERED THE WASTE HIERARCHY.

O'DONOVAN (WASTE DISPOSAL) LIMITED

MARKFIELD HOUSE, 82 MARKFIELD ROAD,
LONDON N15 4QF
Tel: 020 8801 9561 Fax: 020 8808 1043 www.odonovan.co.uk

CWTN No. 14223

CONVEYANCE NOTE
FORM (C)
Weights and Measure Act
1985 Schedule 4 Paragraph 7

DUTY OF CARE CONTROLLED
WASTE TRANSFER NOTE
Environmental Protection Act 1990
Issued By The Environment Agency

WE ARE WASTE CARRIERS LICENCE NUMBER CB/GP3975PZ

ON BEHALF OF THE PRODUCER	DATE OF TRANSFER
PRODEM	11-10-2014

ADDRESS OF COLLECTION / DELIVERY POINT

PLENDER ST. NW1

VEHICLE REG NO.	TIME ON SITE	TIME OFF SITE
PN57ULA		

CUBIC METRES (IN WORDS)	DESCRIPTION WASTE/MATERIAL	GROSS
1 LOAD 15m³	SOIL + STONS MUCK FROM AWAY	TARE
		NETT
		EWC 17 05 04

WASTE TIPPED AT:
TOTTENHAM N15

SIC CODE
4120

N.B. TO CUSTOMERS, AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET. THIS IS IN YOUR INTEREST - PLEASE READ THIS TICKET FULLY AND INSPECT MATERIAL, AGREEING QUANTITY, QUALITY AND THAT EVERYTHING IS TO YOUR SATISFACTION BEFORE FINALLY SIGNING THIS RECEIPT NOTE.

WE REGRET WE CANNOT UNDER ANY CIRCUMSTANCES ENTERTAIN ANY CLAIMS CONCERNING QUANTITY OR QUALITY, ONCE THE VEHICLE HAS LEFT THE SITE, AND A CLEAR SIGNATURE HAS BEEN GIVEN.

NAME	NAME	SIGNED
Roberto Henique	P.D. DUDU	
REPRESENTING THE CARRIER	IN BLOCK CAPITALS	DATED

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF A SALE OR AN AGREEMENT FOR THE SALE THEREOF MADE BY VOLUME.

CUSTOMERS ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY
WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILE DELIVERING TO YOUR SITE.
I THE CLIENT CONFIRM THAT WE HAVE CONSIDERED THE WASTE HIERARCHY.

O'DONOVAN (WASTE DISPOSAL) LIMITED

MARKFIELD HOUSE, 82 MARKFIELD ROAD,
LONDON N15 4QF
Tel: 020 8801 9561 Fax: 020 8808 1043 www.odonovan.co.uk

CWTN No. 118854

CONVEYANCE NOTE
FORM (C)
Weights and Measure Act
1985 Schedule 4 Paragraph 7

DUTY OF CARE CONTROLLED
WASTE TRANSFER NOTE
Environmental Protection Act 1990
Issued By The Environment Agency

WE ARE WASTE CARRIERS LICENCE NUMBER CB/GP3975PZ

ON BEHALF OF THE PRODUCER	DATE OF TRANSFER
PROAEM	11.10.14

ADDRESS OF COLLECTION / DELIVERY POINT

PLENDER ST. NW1

VEHICLE REG NO.	TIME ON SITE	TIME OFF SITE
KL08 OZJ		

CUBIC METRES (IN WORDS)	DESCRIPTION WASTE/MATERIAL	GROSS
15M³	SOIL / STONE (MUCK AWAY PILING)	TARE
		NETT
		EWC 170504
WASTE TIPPED AT: MARKFIELD RD N15		SIC CODE [redacted] 41201

N.B. TO CUSTOMERS, AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET.
THIS IS IN YOUR INTEREST - PLEASE READ THIS TICKET FULLY AND INSPECT MATERIAL, AGREEING QUANTITY, QUALITY AND THAT EVERYTHING IS TO YOUR SATISFACTION BEFORE FINALLY SIGNING THIS RECEIPT NOTE.

WE REGRET WE CANNOT UNDER ANY CIRCUMSTANCES ENTERTAIN ANY CLAIMS CONCERNING QUANTITY OR QUALITY, ONCE THE VEHICLE HAS LEFT THE SITE, AND A CLEAR SIGNATURE HAS BEEN GIVEN.

NAME	NAME	SIGNED
I DUMITRU	P.D. DUDU	[signature]
REPRESENTING THE CARRIER	IN BLOCK CAPITALS	DATED

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF A SALE OR AN AGREEMENT FOR THE SALE THEREOF MADE BY VOLUME.

CUSTOMERS ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY
WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILE DELIVERING TO YOUR SITE.
I THE CLIENT CONFIRM THAT WE HAVE CONSIDERED THE WASTE H RCHY.

O'DONOVAN (WASTE DISPOSAL) LIMITED

MARKFIELD HOUSE, 82 MARKFIELD ROAD,
LONDON N15 4QF

CWTN No. 118853

Tel: 020 8801 9561 Fax: 020 8808 1043 www.odonovan.co.uk

CONVEYANCE NOTE
FORM (C)
Weights and Measure Act
1985 Schedule 4 Paragraph 7

DUTY OF CARE CONTROLLED
WASTE TRANSFER NOTE
Environmental Protection Act 1990
Issued By The Environment Agency

WE ARE WASTE CARRIERS LICENCE NUMBER CB/GP3975PZ

ON BEHALF OF THE PRODUCER	DATE OF TRANSFER
PRODEM	11.10.14

ADDRESS OF COLLECTION / DELIVERY POINT

PLENDER ST. NW1

VEHICLE REG NO.	TIME ON SITE	TIME OFF SITE
KL08 OZJ		

CUBIC METRES (IN WORDS)	DESCRIPTION WASTE/MATERIAL	GROSS
15M³	SOIL / STONE (MUCK AWAY) FROM PILING	TARE
		NETT
		EWC 1 7 0 5 0 4

WASTE TIPPED AT:
MARKFIELD RD N15

SIC CODE
41201

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NAME	NAME	SIGNED
I DUMITRU	P.D.O'DON	[signature]
REPRESENTING THE CARRIER	IN BLOCK CAPITALS	DATED

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF A SALE OR AN AGREEMENT FOR THE SALE THEREOF MADE BY VOLUME.

CUSTOMERS ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY
WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILST DELIVERING TO YOUR SITE.
I THE CLIENT CONFIRM THAT WE HAVE CONSIDERED THE WASTE HIERARCHY.

O DONOVAN (WASTE DISPOSAL) LIMITED

MARKFIELD HOUSE, 82 MARKFIELD ROAD,
LONDON N15 4QF
Tel: 020 8801 9561 Fax: 020 8808 1043 www.odonovan.co.uk

CWTN No. 14225

CONVEYANCE NOTE
FORM (C)
Weights and Measure Act
1985 Schedule 4 Paragraph 7

DUTY OF CARE CONTROLLED
WASTE TRANSFER NOTE
Environmental Protection Act 1990
Issued By The Environment Agency

WE ARE WASTE CARRIERS LICENCE NUMBER CB/GP3975PZ

ON BEHALF OF THE PRODUCER	DATE OF TRANSFER
PRODEM	1-10-2014

ADDRESS OF COLLECTION / DELIVERY POINT

PLENDER ST NW1

VEHICLE REG NO.	TIME ON SITE	TIME OFF SITE
PN54ULA		

CUBIC METRES (IN WORDS)	DESCRIPTION WASTE/MATERIAL	GROSS
1 LORRY 1 Jam 3.	SOIL + STONES MUCK AWAY FROM PLING	TARE
		NETT
		EWC 17 05 04

WASTE TIPPED AT:

TOTTENHAM N15

SIC CODE 4120/

N.B. TO CUSTOMERS, AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET.
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NAME	NAME	SIGNED
Robert Lewis	P.D. DU DU	
REPRESENTING THE CARRIER	IN BLOCK CAPITALS	DATED

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF A SALE OR AN AGREEMENT FOR THE SALE THEREOF MADE BY VOLUME.

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I THE CLIENT CONFIRM THAT WE HAVE CONSIDERED THE WASTE HIERARCHY.

O'DONOVAN (WASTE DISPOSAL) LIMITED

MARKFIELD HOUSE, 82 MARKFIELD ROAD,
LONDON N15 4QF
CWTN No. 14224
Tel: 020 8801 9561 Fax: 020 8808 1043 www.odonovan.co.uk

CONVEYANCE NOTE
FORM (C)
Weights and Measure Act
1985 Schedule 4 Paragraph 7

DUTY OF CARE CONTROLLED
WASTE TRANSFER NOTE
Environmental Protection Act 1990
Issued By The Environment Agency

WE ARE WASTE CARRIERS LICENCE NUMBER CB/GP3975PZ

ON BEHALF OF THE PRODUCER	DATE OF TRANSFER
PRODEM	1-10-2014

ADDRESS OF COLLECTION / DELIVERY POINT

PLENDER St NW1

VEHICLE REG NO.	TIME ON SITE	TIME OFF SITE
PP57ULA		

CUBIC METRES (IN WORDS)	DESCRIPTION WASTE/MATERIAL	GROSS
1 LOAD (5m³)	SOIL + STONS MUCK AWAY FROM PILING	TARE
		NETT
		EWC 1 7 0 5 0 4
WASTE TIPPED AT: TOTTENHAM N15		SIC CODE 4120 1

N.B. TO CUSTOMERS, AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET.
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NAME	NAME	SIGNED
Roberto Henrique	P.D. DUDU	Dudu
REPRESENTING THE CARRIER	IN BLOCK CAPITALS	DATED

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF A SALE OR AN AGREEMENT FOR THE SALE THEREOF MADE BY VOLUME.

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WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILE DELIVERING TO YOUR SITE.
I THE CLIENT CONFIRM THAT WE HAVE CONSIDERED THE WASTE HIERARCHY.

24.

The Hazardous Waste Regulations 2005:
Consignment Note

Tel: 01708 866060
Email: info@asbestoswastesolutions.co.uk
Web: www.asbestoswastesolutions.co.uk

PART A Notification details

1 Consignment note code: EXE[illegible]

2 The waste described below is to be removed from
67-72 PLENDER STREET
CAMDEN
LONDON
NW1 0LB

3 Premises code (where applicable): 0704439

4 The waste will be taken to (name, address and postcode):
AWS - 27A OLIVER CLOSE
WEST THURROCK
ESSEX RM20 3EE

5 The waste producer was (if different from 2)
PRODEM LIMITED
577 GOFFS LANE
GOFFS OAK HERTS EN7 5HJ

PART B Description of the waste

If continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: ASBESTOS REMOVAL

2 SIC for the process giving rise to the waste: 45.25/

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
FLOOR TILES, FLU & CISTERN	170600	800	CHRYSOTILE	< 10 %	SOLID	H6 / H7	1600 BAG

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170600	2590	UNTC ASBESTOS	9	III	Double Bagged / Wrapped

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached, tick here ☐)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

1 Carrier name:
PRODEM LIMITED
577 GOFFS LANE
GOFFS OAK HERTS EN7 5HJ

2 Carrier registration no.

3 Vehicle registration no: X434 HLR.

Signature

Date [illegible] 201 Time [illegible]

IN SCOPE DGR REGS 1996/1999

PART D Consignor's certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name:

On behalf of: PRODEM LIMITED
577 GOFFS LANE
GOFFS OAK HERTS EN7 5HJ

Signature

Date [illegible] 201 Time [illegible]

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC i

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170600	800KG	A	D15

1 I received this waste at the address given in A4 on: Date 17/04/2014 Time 13:44 Skip No: A3587

2 Vehicle registration no.: X434 HLR.

3 Where waste is rejected please provide details:

Name:

On behalf of: SLWS

I certify that waste permit number.

EPR/FP3694VC.

authorises the management of the waste described in B at the address given in A4.
Where the consignment forms part of a multiple collection.

ASBESTOS WASTE SOLUTIONS
27A OLIVER CLOSE
WEST THURROCK
ESSEX RM20 3EE

Signature

The Hazardous Waste Regulations 2005:

Consignment Note

Tel: 01708 866060
Email: info@asbestoswastesolutions.co.uk
Web: www.asbestoswastesolutions.co.uk

PART A Notification details

1 Consignment note code: EXEPR015A7EB

2 The waste described below is to be removed from
67-72 PLENDER STREET
CAMDEN
LONDON
NW1 0LB

3 Premises code (where applicable): 016439

4 The waste will be taken to (name, address and postcode):
AWS - 27A OLIVER CLOSE
WEST THURROCK
ESSEX RM20 3EE

5 The waste producer was (if different from 2)
PRODEM LIMITED
577 GOFFS LANE
GOFFS OAK HERTS EN7 5HJ

PART B Description of the waste

If continuation sheet used tick here ☐

1 The process giving rise to the waste(s) was: ASBESTOS REMOVAL

2 SIC for the process giving rise to the waste: 45.25/

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC Identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
FLOOR TILES, FLU & CISTERN	17 06 05	800	CHRYSOTILE	< 10 %	SOLID	H6 / H7	1000BG

The information given below is to be completed for each EWC Identified

EWC code	UN Identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
17 06 05	2590	White ASBESTOS	9	III	Double Bagged / Wrapped

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached, tick here ☐)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

1 Carrier name:
PRODEM LIMITED
577 GOFFS LANE
GOFFS OAK HERTS EN7 5HJ

2 Carrier registration no.

3 Vehicle registration no: X434 HLR.

Signature

Date 17/4/2014 Time

IN SCOPE DGR REGS 1996/1999

PART D Consignor's certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name:

On behalf of:
PRODEM LIMITED
577 GOFFS LANE
GOFFS OAK HERTS EN7 5HJ

Signature

Date 17/4/2014 Time

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
17 06 05	800KG	A	D15

1 I received this waste at the address given in A4 on: Date 17/4/2014 Time 13.44 Skip No: A3587

2 Vehicle registration no.: X434 HLR.

3 Where waste is rejected please provide details:

I certify that waste permit number.

EPR/FP3674MC.

authorises the management of the waste described in B at the address given in A4.
Where the consignment forms part of a multiple collection.

Name:

On behalf of: ASBESTOS WASTE SOLUTIONS
27A OLIVER CLOSE
WEST THURROCK
ESSEX RM20 3EE

Signature

WESTMINSTER WASTE LTD.

38-40 Verney Road, London SE16 3DH
Tel: 0207 231 0777 Fax: 0207 732 2596
Email: weighbridge@westminsterwaste.com
Waste Carrier's Licence No. CB/GE5902PM
Waste Management Licence No. EPR/EB3338AX

WASTE IN		WASTE OUT		TICKET No.
Date 11 - 04 - 14				06570

Customer (Current Holder of Waste)

Prodem Ltd.
Camden St.
NW1.

SIC Code .....

Haulier

WWL.

Vehicle Reg'n No.

DJ13 WWL.

1 x 40 YD EXC.
C + D Waste.
17.09.04.

TIME ON - 13.05.
TIME OFF - 13.20.

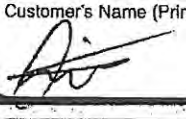
Description of Waste being Transferred

		✓
Inert	17-05-04	☐
Concrete	17-01-01	☐
Hardcore	17-01-07	☐
Construction / Demolition	17-09-04	☑
Factory / Office Waste	20-03-01	☐
Timber / Wood	17-02-01	☐
Plasterboard	17-08-02	☐
Canteen Waste	20-01-08	☐
Other (Specify)		☐

Notes/Comments

Exchange.

I CONFIRM THAT I HAVE FULFILLED MY DUTY TO APPLY THE WASTE HIERARCHY AS REQUIRED BY REGULATION 12 OF THE WASTE (ENGLAND AND WALES) REGULATIONS 2011.

Customer's Name (Print) 

Name (Print) Y.S. Du Du

How Contained

Loose ☐ Skip ☐ RO-RO ☑
Compactor ☐ Other (Specify) .....

Place of Delivery

Westminster Waste, 34-40 Verney Road London SE16 3DH ☐
Other ☐

PRIORITICKET by Priory Print Management T: 0845 388 3874 Ref. D/17712 (10/2011

estminster Waste Ltd

8-40 Verney Road, London SE16 3DH
elephone: 0207 231 0777 Fax: 0207 232 2596
Email: weighbridge@westminsterwaste.com
Web: www.westminsterwaste.com

Westminster Waste
Recycling London's Waste

Duty of Care: Controlled Waste Transfer Note

08/04/2014	Order No: 891116-JW	Document No: 33458

n A - Description of Waste

tainer	EWC	Grade	Collect	Deliver
'ARD	17.09.04	CONSTRUCTIONAL DEMO WASTE	1	1

EX

SITE AGREED

Time On: 15.05 Time Off: 15.30

n Current Holder of Waste

RODEM LTD
:GGINS CONSTRUCTION
JNCT OF PLENDER ST &
AMDEN ROAD

J1 OBL

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the waste (England & Wales) regulations 2011.

Customer Signature

SIC:43.11

Print Name V.S. Oc Du

r of the waste ☐ in ☐ out

Instructions
JORGE 07779 299380

n · Carrier of Waste

stminster Waste Ltd
40 Verney Road
ndon
16 3DH

Drivers Name

Signature

Vehicle Reg GB63 WWL

Waste Carriers Licence No: CB/GE5902PM Issued by Environment Agency

n D

s of place of recycling/collection point:

stminster Waste Ltd
40 Verney Road
ndon
16 3DH
WML 103772
R/EB3338AX

Wasted Journey?	Give Reason

Date of transfer:

White - Customer Copy / Pink - Westminster Waste / Yellow - Accounts

Priory Print Management T: 0845 388 3874 Ref. D/18314 (07/2012)

MASKELLMANN
METALS RECYCLING

Unit 25 Kingswood Nursery Theobalds Park Road Enfield EN2 9BH

Tel: 020 8366 4646
www.mmscrapmetal.co.uk

DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE

Waste Carriers Licence No. CB / YN578KD

CUSTOMER NAME & ADDRESS (Current Holder of Waste)
PRODEM
CAMDEN

PRODUCER ☑ COLLECTOR ☐
RECEIVER ☐ OTHER ☐

(SPECIFY) .....
LICENCE NO. .....
ISSUED BY .....
EXEMPT (REASON) .....

DESCRIPTION OF MATERIAL (WASTES)

CONSTRUCTION ☐ EWC 17 - 09 - 04
CLEAN SOIL ☐ EWC 17 - 05- 04
HARDCORE ☐ 17 - 01
FACTORY ☐ EWC 2001
WOOD ☐ EWC 17 - 02
CARDBOARD ☐ EWC 20 - 99
METAL (FERROUS) ☑ EWC 170 / 407
METAL (NON FERROUS) ☐ EWC 160 - 118
OTHER (SPECIFY) .....

HOW CONTAINED
LOOSE ☐ SKIP ☑ DRUM ☐
OTHER (SPECIFY) .....

SKIP SIZE 40 yd
VEHICLE REG. NO. EU 54 EKA
DRIVER'S SIGNATURE .....

TICKET No. 0659

DATE 8.4.14	TIME 1110
EXCHANGE ☐	CASH ☐
COLLECT ☑	CHEQUE ☐
DELIVER ☐	ACCOUNT ☑

DELIVERY POINT (PLACE OF TRANSFER)
AS ABOVE/
AS ABOVE

SITE LICENCE NO. .....
ISSUED BY .....
EXEMPT REASON .....
RECEIVED IN BEHALF OF SITE OPERATOR .....

I, the undersigned, accept full responsibility for all waste deposited in skips.
Under the DUTY OF CARE, Toxic Materials, Oils, or Ready Mix, **MUST NOT BE DEPOSITED IN SKIPS.** Skips when fully loaded, should be **level**, and at no time should **fires** be lit in them. I fully understand the above terms and conditions, and agree to comply with them at all times.

CUSTOMER'S SIGNATURE .....
PRINT NAME .....

MASKELLMANN
METALS RECYCLING
Unit 25 Kingswood Nursery Theobalds Park Road Enfield EN2 9BH
Tel: 020 8366 4646
www.mmscrapmetal.co.uk

DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE

Waste Carriers Licence No. CB / YN578KD

CUSTOMER NAME & ADDRESS (Current Holder of Waste)
PRO DEM
CAMDEN

PRODUCER ☑ COLLECTOR ☐
RECEIVER ☐ OTHER ☐

(SPECIFY) .....
LICENCE NO. .....
ISSUED BY .....
EXEMPT (REASON) .....

DESCRIPTION OF MATERIAL (WASTES)

CONSTRUCTION ☐ EWC 17 - 09 - 04
CLEAN SOIL ☐ EWC 17 - 05- 04
HARDCORE ☐ 17 - 01
FACTORY ☐ EWC 2001
WOOD ☐ EWC 17 - 02
CARDBOARD ☐ EWC 20 - 99
METAL (FERROUS) ☑ EWC 170 / 407
METAL (NON FERROUS) ☐ EWC 160 - 118
OTHER (SPECIFY) .....

HOW CONTAINED
LOOSE ☐ SKIP ☑ DRUM ☐
OTHER (SPECIFY) .....

SKIP SIZE 40 yd
VEHICLE REG. NO. EU 54 EKA
DRIVER'S SIGNATURE .....

TICKET No. 0661

DATE 14.4.14	TIME 0910
EXCHANGE ☐	CASH ☐
COLLECT ☑	CHEQUE ☐
DELIVER ☐	ACCOUNT ☑

DELIVERY POINT (PLACE OF TRANSFER)
AS ABOVE/
AS ABOVE

SITE LICENCE NO. .....
ISSUED BY .....
EXEMPT REASON .....
RECEIVED IN BEHALF OF SITE OPERATOR .....

I, the undersigned, accept full responsibility for all waste deposited in skips.
Under the DUTY OF CARE, Toxic Materials, Oils, or Ready Mix, **MUST NOT BE DEPOSITED IN SKIPS.** Skips when fully loaded, should be **level**, and at no time should **fires** be lit in them. I fully understand the above terms and conditions, and agree to comply with them at all times.

CUSTOMER'S SIGNATURE .....
PRINT NAME .....

Any personal data herein are processed in accordance with the Data Protection Act 1998 - further details are available from the company.
Maskellmann Metals Recycling is a trading name of Maskellmann Cable Recycling Ltd Registered in England & Wales No. 06346019
VAT No: 911 6892 16 Registered Office: Unit 25 Kingswood Nursery Theobalds Park Road Enfield EN2 9BH
Directors: Mr. K Mann Mr. D Maskell Mr. D Braidford

igean
specialists in waste management

East Northants Resource Management Facility
Stamford Road, Kings Cliffe PE8 6XX

tel. 01780 444900 fax. 01780 444901

E/WASTE TRANSFER NOTE TICKET NO: 265657 Permit : EPR/TP3430GW

USTOMER: PRO012
Prodem Ltd
577 Goffs Lane
Goss Oak
Waltham Cross
Herts
EN7 5HJ

HAULIER: HHH002
H & H Haulage
72 Sherborne Way
Croxley Green

RDER NO: n/a
URCE: ~~153 Greater Landes~~
VEH. TYPE: TIP Tipper
VEH. REG NO: LT09ZWD
CARRIER NO: CB/PN5872DX
TRANSFER NO: ~~SJS439KB004~~

ASTE TYPE: 1705 - Contaminated Soils

ASTE CATEGORY: L170503 - Contaminated Soils

NTAINER:

GRID REF:

Job No. : L140727500105

	WEIGHT KG'S	SEQ. NO	DATE	TIME
OSS	30240	122109	28/08/2014	10:41
E	13200	MANUAL	28/08/2014	10:41
	17040			

NT NAME: CWEIGHBRIDGE

SIGNATURE ON BEHALF OF CUSTOMER:

SIGNATURE FOR AUGEAN:

MEASURE 17.04 Tonne

...dous Waste Regulations 2005:
...t Note

L1407275

...etails | Sheet | of

...ent note code: | O | J | Q | 4 | 3 | 9 | | K | B | 0 | 0 | 4 | | Complete with [R] for rejected load

...he waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Higgins Construction PLC
Plender Street and Camden Street
London
NW1 0LB

4 The waste will be taken to (name, address and postcode):

Augean Plc, Kingscliffe Landfill Site, Stamford Road, King's Cliffe, Peterborough, PE8 6XX

3 Premises code (where applicable): | O | J | Q | 4 | 3 | 9 |

5 The waste producer was (if different from 2) (name, — Prodem Ltd, 577 Goffs Lane, Goss Oak, Waltham Cross, Hertforshire, EN7 5HJ

PART B Description of the waste — Number of continuation sheets, if used

1 The process giving rise to the waste(s) was: Land Remedi...

2 SIC for the process giving rise to the waste: | 4 | 5 | . | 1 | 1 | | |

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC						Quantity TONNES	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
CONTAMINATED Sub SOIL	1	7	0	5	0	3	<20T	HEAVY METALS ASBESTOS	>0.25 >0.1	SOLID	H14 H7	8W TIPPER

...e information given below is to be completed for each EWC identified

EWC						Packing Group	UN number, Proper Shipping Name(s), and class	Special handling
1	7	0	5	0	3	N/A	N/A	N/A

...RT C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)

...ertify that I today collected the consignment and that the details in A2, A4 and ... are correct and I have been advised of any specific handling requirements.

Carrier name: H+H HAULAGE
~~GRS ROAD STONE~~
72 SHERBORNE WAY
CROXLEY GREEN, WATFORD

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
~~to GOLDSMITH WAY~~ ~~QUARRY~~

2 Carrier registration no./reason for: CB/PN 5872XD ~~CB/LP 34108~~

Date	2	8	0	8	2	0	1	4
Time	0	8	1	8	(24 hr clock)			

3 Vehicle registration no. (or mode of transport, if not road): LT61 WXO

Signature [signature]

...RT D Consignor's certificate

...rtify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled ...ectly and the carrier has been advised of any special handling requirements.

...onsignor name:

On behalf of (name, address, postcode, HIGGINS

Date	2	8	0	8	2	0	1	4
Time	0	8	1	0	(24 hr clock)			

Signature [signature]

...T E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Description of Waste	EWC						Quantity of each EWC code received	EWC code accepted/reje...	Waste Management operation (R & D)
CONTAMINATED Sub SOIL	1	7	0	5	0	3	17.040	ACC	D05

...ceived the ... at the ...ss given in ...:

Date	2	8	0	8	2	0	1	4
Time	1	0	4	1	(24 hr clock)			

Name: UNCERTT

...icle registration no.(or mode of transport if not road): LT61 WXD

...y that waste management licence/permit/authorised exemption no(s).

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
East Northants Resourse Management Facility
Landfill
Stamford Road
Kings Cliffe
East Northants
PE8 6XX

EPRTP3430GW — authorises the management of the waste described in B at the address given in A4.

Date	2	8	0	8	2	0	1	4
Time	1	0	4	1	(24 hr clock)			

Signature [signature]

(Writer version 3.81)

Augean
specialists in waste management

East Northants Resource Management Facility
Stamford Road, Kings Cliffe PE8 6XX

tel. 01780 444900 fax. 01780 444901

ADVICE/WASTE TRANSFER NOTE TICKET NO: 265656 Permit : EPR/TP3430GW

CUSTOMER: PR0012
Prodem Ltd
577 Goffs Lane
Goss Oak
Waltham Cross
Herts
EN7 5HJ

ORDER NO: n/a
SOURCE: 163 Greater London

HAULIER: HHH002
H & H Haulage
72 Sherborne Way
Croxley Green

VEH. TYPE: TIP Tipper
VEH. REG NO: EY63FLN
CARRIER NO: CB/PN5872XD
TRANSFER NO: OJ0439KB003

WASTE TYPE: 1705 - Contaminated Soils

WASTE CATEGORY: L170503 - Contaminated Soils

CONTAINER:

GRID REF: SP4

Job No. : L140727500104

	WEIGHT KG'S	SEQ. NO	DATE	TIME
GROSS	30380	122106	28/08/2014	10:23
TARE	13560	MANUAL	28/08/2014	10:22
NET	16820			

MEASURE 16.82 Tonne

PRINT NAME: KCWEIGHBRIDGE

SIGNATURE ON BEHALF OF CUSTOMER:

SIGNATURE FOR AUGEAN:

...e Hazardous Waste Regulations 2005:
...signment Note

L1407275

A Notification details — Sheet ... of ...

1 Consignment note code: O J Q 4 3 9 K B 0 0 3 — Complete with (R) for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Higgins Construction PLC
Plender Street and Camden Street
London
NW1 0LB

4 The waste will be taken to (name, address and postcode)

Augean Plc, Kingscliffe Landfill Site, Stamford Road, King's Cliffe, Peterborough, PE8 6XX

3 Premises code (where applicable): O J Q 4 3 9

5 The waste producer was (if different from 2) (name, ... Prodem Ltd, 577 Goffs Lane, Goss ... Waltham Cross, Hertfordshire, EN7 ...

PART B Description of the waste — Number of continuation sheets, if used ...

1 The process giving rise to the waste(s) was: Land Remedi...

2 SIC for the process giving rise to the waste: 4 5 . 1 1

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC	Quantity TONNES	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
CONTAMINATED Sub SOIL	1 7 0 5 0 3	<20T	HEAVY METALS ASBESTOS	>0.25 >0.1	SOLID	H14 H7	8W TIPPER

The information given below is to be completed for each EWC identified

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling
1 7 0 5 0 3	N/A	N/A	N/A

PART C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1 Carrier name: H+H HAULAGE ~~G A S ROAD SERVICES~~

72, SHERBOURNE WAY
CROXLEY GREEN, WATFORD

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

~~10 GOLDSMITH CLOSE~~ ...RJ

2 Carrier registration no./reason for: ~~EB/EP3615RT~~

Date	2 8	0 8	2 0 1 4
Time	0 8	0 8	(24 hr clock)

3 Vehicle registration no. (or mode of transport, if not road): EY63 FLN

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

Consignor name: X

Date	2 8	0 8	2 0 1 4
Time	0 8	0 8	(24 hr clock)

On behalf of (name, address, postcode, H+S LTD

Signature

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Description of Waste	EWC	Quantity of each EWC code received	EWC code accepted/reje...	Waste Management operation (R & D
CONTAMINATED Sub SOIL	1 7 0 5 0 3	16.820	ACC	D05

I received the ...aste at the ...ddress given in ... on:

Date	2 8	0 8	2 0 1 4
Time	1 0	2 2	(24 hr clock)

Name:

/ehicle registration no.(or mode of transport if not road):

...rtify that waste management licence/permit/authorised exemption no(s).

EY63FLN

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
East Northants Resource Management Facility
Landfill
Stamford Road
Kings Cliffe
East Northants
PE8 6XX

EPRTP3430GW ... authorises the management of the waste described in B at the address given in A4.

Date	2 8	0 8	2 0 1 4
Time	1 0	2 2	(24 hr clock)

Signature

(Writer version 3.81)

Augean
specialists in waste management

East Northants Resource Management Facility
Stamford Road, Kings Cliffe PE8 6XX

tel. 01780 444900 fax. 01780 444901

ADVICE/WASTE TRANSFER NOTE

TICKET NO: 265671 Permit : EPR/TP3430GW

CUSTOMER: PR0012
Prodem Ltd
577 Goffs Lane
Goss Oak
Waltham Cross
Herts
EN7 5HJ

ORDER NO: n/a
SOURCE: 163 Greater London

HAULIER: HHH002
H & H Haulage
72 Sherborne Way
Croxley Green

VEH. TYPE: TIP Tipper
VEH. REG NO: EY63FLN
CARRIER NO: CB/PN5872XD
TRANSFER NO: OJ0439KB005

WASTE TYPE: 1705 - Contaminated Soils

WASTE CATEGORY: L170503 - Contaminated Soils

CONTAINER:

GRID REF:

Job No. : L1407275001C6

	WEIGHT KG'S	SEQ. NO	DATE	TIME
GROSS	27060	122123	28/08/2014	16:32
TARE	13560	MANUAL	28/08/2014	16:32
NET	13500			
			MEASURE	13.50 Tonne

PRINT NAME:	SIGNATURE ON BEHALF OF CUSTOMER:	SIGNATURE FOR AUGEAN:	
KCWEIGHBRIDGE			

The Hazardous Waste Regulations 2005: Consignment Note

L1407275

PART A Notification details

Sheet of

1 Consignment note code:

O	J	Q	4	3	9		K	B	0	0	5

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Higgins Construction PLC
Plender Street and Camden Street
London
NW1 0LB

3 Premises code (where applicable): O J Q 4 3 9

4 The waste will be taken to (name, address and postcode):

Augean Plc, Kingscliffe Landfill Site, Stamford Road, King's Cliffe, Peterborough, PE8 6XX

5 The waste producer was (if different from 2) (name, Prodem Ltd, 877 Goffs Lane, Goss Oak, Waltham Cross, Hertfordshire, EN7 5HJ

PART B Description of the waste

Number of continuation sheets, if used

1 The process giving rise to the waste(s) was: Land Remedi

2 SIC for the process giving rise to the waste: 4 5 . 1 1

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC						Quantity TONNES	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
CONTAMINATED Sub SOIL	1	7	0	5	0	3	<20T	HEAVY METALS ASBESTOS	>0.25 >0.1	SOLID	H14 H7	8W TIPPER

The information given below is to be completed for each EWC identified

EWC						Packing Group	UN number, Proper Shipping Name(s), and class	Special handling
1	7	0	5	0	3	N/A	N/A	N/A

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1 Carrier name: H+H HAULAGE
~~GRS ROADSTONE~~
72, SHERBOURNE WAY
CROXLEY GREEN
WATFORD

Date	2	8	0	8	2	0	1	4
Time	1	4	0	0	(24 hr clock)			

On behalf of (name, address, postcode, telephone, e-mail, facsimile): ~~[illegible]~~

2 Carrier registration no./reason for: CB/PN5872KD ~~CB/KP3916 RT~~

3 Vehicle registration no. (or mode of transport, if not road): EY63 FLN

Signature [illegible]

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

Consignor name:

Date	2	8	0	8	2	0	1	4
Time	1	4	0	0	(24 hr clock)			

On behalf of (name, address, postcode, Higgins

Signature [illegible]

PART E Consignee's certificate

(where more than one waste type is collected all of the information given below must be completed for each EWC)

Description of Waste	EWC						Quantity of each EWC code received	EWC code accepted/rejected	Waste Management operation (R & D)
CONTAMINATED Sub SOIL	1	7	0	5	0	3	13.500	Acc	D05

1 I received the waste at the address given in A4 on:

Date	2	8	0	8	2	0	1	4
Time	1	6	3	3	(24 hr clock)			

Name: [illegible]

2 Vehicle registration no.(or mode of transport if not road): EY63FLN

I certify that waste management licence/permit/authorised exemption no(s).

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
East Northants Resource Management Facility
Landfill
Stamford Road
Kings Cliffe
East Northants
PE8 6XX

EPRTP3430GW authorises the management of the waste described in B at the address given in A4.

Date	2	8	0	8	2	0	1	4
Time	1	6	3	3	(24 hr clock)			

Signature [illegible]

(Writer version 3.81)

Augean
specialists in waste management

East Northants Resource Management Facility
Stamford Road, Kings Cliffe PE8 6XX

tel. 01780 444900 fax. 01780 444901

ADVICE/WASTE TRANSFER NOTE TICKET NO:

CUSTOMER: **ORDER NO:** **SOURCE:**	**HAULIER:** **VEH. TYPE:** **VEH. REG NO:** **CARRIER NO:** **TRANSFER NO:**
WASTE TYPE: **WASTE CATEGORY:** **CONTAINER:**	**GRID REF:**

	WEIGHT KG'S	SEQ. NO	DATE	TIME
GROSS				
TARE				
NET				
			MEASURE	

PRINT NAME:	SIGNATURE ON BEHALF OF CUSTOMER:	SIGNATURE FOR AUGEAN:	

The Hazardous Waste Regulations 2005: Consignment Note

L1407275

Augean LAND RESOURCES

CARRIER'S COPY

PART A Notification details

1 Consignment note code: O J Q 4 3 8 / 1 1 0 8 9

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Higgins Construction PLC, Plender Street & Camden Street, London, NW1 0LB

3 Premises code (where applicable): O J 0 4 3 8

4 The waste will be taken to (name, address and postcode):

East Northants Resource Mgmnt Facility, Kings Cliffe Landfill Site, Stamford Road, Kings Cliffe, Peterborough, PE8 6XX

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

Prodem Ltd, 577 Goffs Lane, Goss Oak, Waltham Cross, Hertfordshire, EN7 5HJ

PART B Description of the waste

1 The process giving rise to the waste(s) was: Land Remediation

2 SIC for the process giving rise to the waste: 4 5 . 1 1 /

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components of the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Contaminated Soil ~~Soil~~	1 7 0 5 0 3	< 20T	Heavy Metals	< 0.25%	Solid	H11	8W Tipper
			Asbestos	< 0.1%	Solid	H7	

The information given below is to be completed for each EWC identified

EWC code	Packing group(s)	UN identification number(s)	Proper shipping name(s)	UN class(es)	Special handling requirements
N/A	N/A	N/A	N/A	N/A	N/A

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers if a schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements

H+M HAULAGE
72, EVERBOURNE WAY
CROXLEY GREEN
RICKMANSWORTH
CB/PH5877XD

Signature

Date 2 2 0 8 2 0 1 4 Time 0 7 0 5

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Prodem Ltd, 577 Goffs Lane, Goss Oak, Waltham Cross, Hertfordshire, EN7 5HJ

Signature

Date 2 2 0 8 2 0 1 4 Time 0 8 0 5

PART E Consignee's certificate

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	20.240	Acc	D05

1 I received this waste at the address given in A4 on: Date 22 08 2014 Time 1024

2 Vehicle registration no. (or mode of transport if not road):

3 Where waste is rejected please provide details MA60 HOL

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

I certify that waste management licence/permit/authorised exemption no(s).

EPR/P3430GW

authorises the management of the waste described in B at the address given in A4.

East Northants Resource Mgmnt Facility, Kings Cliffe Landfill Site, Stamford Road, Kings Cliffe, Peterborough PE8 6XX

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date 22 08 2014 Time 1024