GREEN PARK VILLAGE

PHASE 5A ASBESTOS REMEDIATION COMPLETION REPORT, REVISION 2

REF: GPV-PH5AARC-REV2-JUL17

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Document Control

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Introduction

Green Park Village is approximately 24Ha, of which 4Ha comprises a central lake. The planning permission (Decision Notice 10/01461/OUT) covers the proposed redevelopment of Green Park for a mixed-use development comprising 737 new homes, a 80-unit retirement home, 16,000m^2 of business floor space, school, landscaped areas and the central lake. The development is divided into six primary phases (1 to 6). This report refers to Phase 5A, which is the western half of Phase 5 directly east of the central lake. Phase 5 has been divided into two sub phases, Phase 5A and Phase 5B, as there is understood to be a requirement to raise the ground level in Phase 5A sooner in order to construct the lakeside properties first. Phase 5B will be developed later. A plan showing the development phases of Green Park is provided in Appendix A.

The minimum volume of material is being imported into Green Park to raise the development platform to mitigate the risk of flooding. Prior to filling with imported inert soil, the existing ground is required to be investigated, remediated where necessary and prepared for development.

Multiple ground investigations have been completed in Phase 5 and across the wider Green Park site. Ramboll (the Environmental Consultant instructed by St Edward Homes) have produced a ground contamination assessment Technical Note specifically for Phase 5. The Ramboll investigation indicated that the Made Ground within the western portion of Phase 5A is impacted with visible asbestos fragments typically cement type materials with isolated asbestos insulation board fragments. Residual loose asbestos fibres within the soil matrix have also been identified. Therefore, it was deemed necessary to remediate Phase 5A prior to importing inert soils to raise the ground level for construction. This was a requirement as to protect current/future groundworkers and future residents.

St Edward later instructed Ramboll to produce an Asbestos Management Plan and provide an asbestos watching brief during works in Phase 5A. Wooldridge Demolition were appointed as the Principal Earthworks Contractor. Lucion Environmental were appointed as the Specialist Asbestos Contractor, providing perimeter/personal asbestos air monitoring and onsite Asbestos Containing Material (ACM) identification/analysis. The Ramboll Technical Note, Asbestos Management Plan, Summary Plan of Works and Health & Safety Plan are included in Appendix B. These documents should be read in conjunction with this report.

Summary of Remediation Methodology

A summary of the asbestos remediation works requirements is provided below:

1. At commencement of works a series of trial pits to be excavated around the known area of asbestos (Asbestos Area) to delineate the full extent of the existing Made Ground (and asbestos contamination). See Summary Plan of Works in Appendix B.
2. Made Ground to be excavated and sorted into material suitable for re-compaction, oversize material for crushing (>125mm in accordance with Table 6/2 of Specification for Highways Works Series 600) and other unsuitable materials placed in appropriate skips.
3. Obstructions encountered to be removed and over-dug by a minimum of 500mm.
4. Excavated concrete/obstructions to be transported to stockpile holding area for visual inspection for asbestos ahead of crushing/sorting.
5. Earthworks to be undertaken in accordance with the Ramboll Technical Note and Asbestos Management Plan (both Appendix B) and the Ramboll Green Park Village Specification for Earthworks Rev 6.

6. Materials suitable for backfill shall be placed and compacted in accordance with the Ramboll Specification for Earthworks and Glanville Drawings 4160518-SK1202 to 4160518-SK1205. Glanville drawings are included in Appendix C.
7. Profiles along the lakeside require the cut of asbestos impacted Made Ground to allow for the clean capping layer. A series of trial pits along the lakeside are required to sample and classify the Made Ground for off-site waste disposal.
8. Once classication of soil is determined, 8-wheeled tipper lorries are required to muck-away excess Made Ground soils which cannot be placed under terram to achieve St Edward levels. Tipper lorries to remain on 'clean' ground whilst being loaded and have soils sheeted prior to pulling away to mitigate the risk of contamination. Tippers required to use wheel wash upon exit of site.
9. A clean service corridor to be created in accordance with Glanville Drawings 4160518-SK1204 and 4160518-SK1205. The Ramboll Technical Note states that the material should be excavated to a width of 2m in the centre of the proposed roadway to a depth of 1.5m below the sewer invert level. The deeper service corridor trench will allow services to be installed along the roadway into inert soil thus removing the risk of ground workers coming into contact with deeper asbestos impacted Made Ground.
10. Once suitable material is compacted and the service corridor trench is excavated through Phase 5A then asbestos impacted Made Ground material to be covered in a brightly coloured 'warning' terram. The terram is proposed to be laid perpendicular to the service corridor trench to allow the terram to completely line the sidewalls and base of the trench and then across the horizontal surfaces of the compacted material.
11. After covering asbestos impacted Made Ground with terram, the remediation area to be filled with imported inert soil, and topsoil in soft landscaping areas, in accordance with the Environmental Permit ref EPR/DB3206HL and Glanville Drawings 4160518-SK1202 and 4160518-SK1203. The filling of Phase 5A with inert soil is required to be ≥1m thick to provide a clean capping layer for the proposed development.

Phasing of Remediation Works

As the entire asbestos impacted Made Ground could not be remediated all at once, it was decided to split the remediation area into three parts:

1. Central area
2. Western lakeside strip
3. Eastern area

Only the central part of the Asbestos Area could be remediated initially as no lake slope contour drawings were available for the western part and a haul road leading to Phase 1A was still in use which passed across the eastern part. The three divisions of the Asbestos Area are shown in the Remediation Area Plan in Appendix A.

1. Central Asbestos Area Remediation Works – up to December 2016

St Edward, Wooldridge Demolition and Ramboll met on site to finalise discussions and begin the asbestos remediation works on 24th August 2016. It was agreed that Wooldridge Ecotec Ltd would provide assistance to Wooldridge Demolition with the provision of a dozer, deep impact roller, a second 20t excavator, two 25t dumpers and drivers. In addition, a geotechnical/environmental

engineer and landfill/restoration manager from Wooldridge Ecotec Ltd were in attendance of the works to ensure the agreed specification was followed and to be involved with the works to provide this completion report. Photographs taken throughout the works by the Wooldridge geotechnical/environmental engineer are included in Appendix D.

Prior to the commencement of works, Wooldridge personnel completed Asbestos Awareness training, were face fitted with asbestos masks and provided Personal Protective Equipment (PPE) and Respiratory Protective Equipment (RPE) specific to working with asbestos. PPE and RPE included asbestos masks (EN140 with P3 filter), hooded asbestos overalls (Category 3 Type 5/6) and a second pair of boots to wear within the Asbestos Area.

Trial pits surrounding the Asbestos Area, shown as a red line boundary in the Summary Plan of Works in Appendix B, were found to delineate the extent of the asbestos impacted Made Ground. It was agreed that the extent of remediation would be demarcated by the first ring of trial pits where asbestos fibres were below the limit of detection and/or asbestos fragments were not encountered.

The central part of the Asbestos Area was surrounded by Heras fencing with adequate signage making other site users aware of the presence of asbestos and this was an asbestos exclusion zone meaning no unauthorised, untrained or unprotected personnel (without asbestos PPE/RPE) could enter.

A decontamination unit was placed on the north-eastern corner of the Heras boundary. The decontamination unit was the primary route in/out of the Asbestos Area. The Heras fence line was only opened to allow machines to enter and exit. Upon exiting the Asbestos Area, machines (particularly tracks/wheels) were thoroughly cleaned using a water pressure washer to ensure no cross contamination outside the working area. During turn over works, the pressure washer to dampen down the impacted soils to ensure dust was supressed and to mitigate the risk of airborne fibres.

Ramboll were present on site during excavation/enabling works within the Made Ground to visually assess for the presence of ACMs. In addition, Lucion were present during works to provide background and personal asbestos air monitoring. Static air monitors were placed around the perimeter of the Asbestos Area. Earthworks remediation personnel were chosen daily, by Ramboll, to wear a personal monitor. Lucion set up an onsite laboratory within the St Edward offices to allow them to analyse up to 12 samples a day with up to two of these samples from personal monitors.

During remedial earthworks, the activity was classified as Non-Notifiable Unlicensed Works. Ramboll/Lucion were present on site to provide competent personnel to ensure such works did not become Notifiable (in which the HSE would have been notified and all operatives would have required a health screening assessment before works could have continued) or Licensable Works. Works did not become Notifiable or Licensable.

The ground was turned over using an excavator throughout the depth of the Made Ground and approximately 200mm into the top of the natural soils to ensure obstructions had been removed. Ramboll/Lucion inspected the excavated soil for ACMs. Concrete boulders, metal (beams, angle, corrugated panels, tank and other fragments), wood, tyres and plastic pipework segments were removed from the Made Ground. The Made Ground was generally found to be deepest within the southern part of the Asbestos Area (~3m deep) and gradually became shallower to the north in which the Made Ground was <0.5m deep (in some cases Made Ground was absent).

Concrete boulders and cobbles (>125mm) were placed in a stockpile within the eastern part of the Asbestos Area. Ramboll inspected the concrete for visible evidence of asbestos. Ramboll did not identify asbestos fragments. Ramboll confirmed it was suitable to remove the concrete boulders and cobbles from the Asbestos Area and place it on the concrete crush stockpile in Phase 4. Some concrete boulders contained metal rebar and were considered to be part of the former building foundations within the southern part of Phase 5A. The metal tank and other metal fragments were segregated into a separate scrap pile. Ramboll inspected the metal before it was directly loaded into a skip (a machine inside the Asbestos Area lifted the metal over the boundary fence onto a skip the other side). The metal was taken off site. Other obstructions removed from the Made Ground were segregated in a 'rubbish' pile which included plastic, tyres, wood etc. The 'rubbish' was inspected and then loaded into appropriate skips and taken off site.

A systematic approach was adopted in which the Made Ground was turned in three segments consisting of: the southern part of the current Asbestos Area, the central part and the northern part. Once the southern part was turned and unsuitable materials were removed, the Made Ground was removed down to the top of the natural soils and the impacted soils were stockpiled at the centre of the Asbestos Area. No asbestos impacted soils were taken out of the Asbestos Area during the works. The Bomag Deep Impact Roller (13 tonne) with polygonal drum (2.13m wide) was then used to roll the natural ground. Once the natural soils at the base of the excavation were rolled, the asbestos impacted soil was taken from the central stockpile and spread over the southern area in a 275mm deep layer. As per the Specification for Highways Works Series 600 (Method 2), a minimum of 4 passes of the vibrating Bomag roller was required. Nevertheless, the earthworkers were providing a minimum of 10 passes per layer.

The increased number of rolls above the specification were completed to ensure confidence in the level of compaction achieved. It was agreed with St Edwards and Ramboll that no compaction testing of asbestos impacted soils was to be completed due to the presence of asbestos. A limited number of geotechnical laboratories accept soils known to contain asbestos and a limited number of companies offer nuclear density compaction testing within asbestos enclosures. The engineering process adopted within Phase 5A was the same as that previously used within Phase 1B and Phase 3. Across Phase 1B and Phase 3 103 compaction tests were completed and the average bulk density was found to be 99% of the maximum dry density (exceeding the specified 95% compaction value).

Once the southern part of Phase 5A was rolled in layers up to 1m below formation level, the deep service corridor trench was excavated in a south to north direction along the proposed roadway. This excavated material was added to the impacted soil stockpile within Phase 5A. The trench was rolled again after excavation. The process of turning over, removing the impacted soil, engineering in layers and excavating the service trench was completed in the centre and then the northern part of Phase 5A.

However, two deep (~4m) excavation were made within the western part of Phase 5A. The Made Ground continued beyond the reach of the excavator arm and below the groundwater level. Unsuitable materials (including metal fragments and concrete) continued to be pulled up from below the groundwater level. Wooldridge Demolition excavated as much unsuitable material from these deeper excavations as practicably possible. The potentially contaminated soils were placed on polythene and covered. It is understood that Ramboll completed their own soil sampling of this stockpile and will provided instruction in the future of where this can be placed or if it should be removed from site.

The deeper Made Ground is understood to be within the footprint of 2 to 3 of the proposed lakeside properties. At the time, it was agreed that the final layout of housing across Phase 5A was not finalised. If proposed properties overlay the deeper Made Ground, it is understood that St Edward would not be vibro-piling and instead adopt a different piling approach appropriate to the ground conditions encountered.

The entire Made Ground within the Phase 5A Asbestos Area was covered in an orange terram. The extent of the orange terram is shown in the Remediation Area Plan included in Appendix A. A minimum of 1m of clean inert cohesive soil fill was imported in to site and engineered in 275mm layers on top of the orange terram as this central part of Phase 5A is covered with proposed housing and a roadway. No asbestos impacted Made Ground was left uncovered from the remediation works.

Part of the inert capping soil originated from stockpiles along the slope of the lake (far western part of Phase 5A) and another stockpile within the northern Part of Phase 5A. These soils originated from Phase 1B by Wooldridge Contractors groundworkers installing footings. Both stockpiles are noted to be excess soil originating from Phase 1B which were excavated by Wooldridge Contractors whilst installing house footings. This excavated soil was transported with dumpers into Phase 5A, prior to Ramboll's intrusive investigation of Phase 5. These stockpiles were formerly chemically tested by Ramboll during their verification of soils placed within Phase 1B.

Both inert stockpiles were required to be removed to progress the remediation works. After Wooldridge Demolition received confirmation that the two inert stockpiles were suitable to use within the capping layer of Phase 5A, the material was placed above the orange terram. The bottom 200mm of the stockpiles were not used as to minimise the risk of cross contamination with the underlying impacted Made Ground.

Waste arisings associated with the remedial works included disposable masks and overalls, laces and boots. These were double bagged and placed next to the decontamination unit. These bags were collected by a van on 5th October 2016. The consignment note is included in Appendix E.

2. Western Asbestos Area Remediation Works – up to May 2017

Upon receipt of the lakeside contour drawing, and order to proceed from St Edward, works commenced within the far western part of Phase 5A (approximately a 15m strip immediately east of the main lake, around 0.5m above the water level) on 10th April 2017. The lakeside Asbestos Area is shown in the Remediation Area Plan drawing in Appendix A.

Wooldridge Ecotec Ltd mobilised a 20t excavator, dumper towing water bowser, deep impact roller, dozer, two 25t dumpers and decontamination unit. In addition, a geotechnical/environmental engineer and landfill/restoration manager from Wooldridge Ecotec Ltd were in attendance. Photographs taken throughout the works by the Wooldridge geotechnical/environmental engineer are included in Appendix D.

The lakeside Asbestos Area was surrounded by Heras fencing with adequate signage. The lakeside shelf comprised exposed asbestos impacted Made Ground soil. Approximately 15m east of the lake was a raised platform (around 1m higher) comprising the clean capping layer previously placed on top of orange terram during the first stage of works (up to December 2016).

The eastern Heras fencing boundary demarcated the northern and southern extents of Phase 5A and were positioned along the Asbestos Area lower shelf and up onto the raised clean capping platform. The eastern Heras fence line was positioned on top of the raised clean cap platform and connected the northern and southern fences. The decontamination unit was positioned on top of the clean capping platform and was the primary route in/out of the Asbestos Area. The Heras fence line was only opened to allow the dumper towing the water bowser to exit to re-fill with water. The dumper and water bowser trailer, although within the Heras fence line, remained on top of the raised clean cap platform and did not come into contact with asbestos impacted Made Ground on the lower slope level immediately adjacent to the lake.

Ramboll and Lucion were present on site for the duration of works within the Asbestos Area. Ramboll carried on with their supervisory role and also picked asbestos fragments. Lucion completed air monitoring similar to the first stage of the asbestos remediation works.

For the first two weeks (either side of the Easter bank holiday weekend) the 20t excavator was positioned on top of the raised clean cap platform. The excavator removed the final part of the path which ran along the lakeside. The pathway consisted of a raised platform constructed from clean materials, sat on top of the asbestos impacted Made Ground. The excavator removed the pathway and placed the clean materials in a stockpile on top of the raised clean cap platform. The final 0.2m of clean materials were not removed as to avoid the possibility of cross contamination with the underlying asbestos impacted Made Ground. Due to the slope contours being lower than expected (~0.5m drop from the rear patios), the western ~3m of the clean cap platform was required to be pulled back (eastwards) on top of the platform where these soils were stockpiled. These clean cap materials were excavated down to the previously installed orange terram and followed the line of the interface between the proposed rear garden grass and patios of the proposed lakeside Phase 5A properties.

Once the western edge of the clean cap platform was excavated, allowing for the correct gradient to meet the lakes edge, the excavator tracked down onto the lower asbestos impacted soil shelf. The excavator then completed four trial pits evenly spaced along the lower shelf in a south to north direction. The pressure washer was used to dampen the soil and mitigate dust and airborne fibres. The Wooldridge Ecotec engineer and Ramboll engineer collected two samples from each of the four trial pits (at 0.2m and 1m depth). These samples were submitted to i2 Analytical, a UKAS accredited laboratory testing facility, for waste classification. This was required as the level of the lake slope needed to be reduced to allow for the installation of the orange terram and 1m clean capping layer.

Samples were scheduled for a general total concentration testing suite comprising an asbestos screen (with instruction to complete asbestos quantification upon a positive result), Total Petroleum Hydrocarbons (TPH CWG), Polycyclic Aromatic Hydrocarbons (PAH WAC-17), metals, BTEX, MTBE, organic matter, pH, phenols, cyanide and sulphate. In addition, a full Waste Acceptance Criteria (WAC) suite consisting of solid and leachate analysis was completed.

The total chemical and asbestos concentrations suggested the soil could be classified as non-hazardous. Chemical concentrations met inert WAC thresholds. However, due to the known presence of asbestos and visible fragments encountered during trial pitting the waste was not applicable to be classified as inert. Waste soils were deemed non-hazardous with Wooldridge Ecotec and Ramboll engineers picking visible fragments from excavated materials due for off-site disposal. Asbestos fragments were deemed to be classified as hazardous waste (due to asbestos content exceeding the 0.1% hazardous water threshold). Total chemical and WAC test reports are included in Appendix F.

With the excavator positioned on the lower Made Ground shelf, the soils were excavated in a south-north orientation along the side of the lake. The pressure washer was used to dampen down the soil. The level of the Made Ground was repeatedly checked by the Wooldridge engineer to ensure it was at least 1m below the proposed finished rear garden level. Excavated soils were placed in a stockpile at the northern end of the lower shelf. This stockpile was positioned on top of the asbestos impacted Made Ground. The stockpile was located immediately adjacent to a tipper lorry loading bay. This loading bay allowed tipper lorries to park next to the stockpiled soil. When a tipper lorry would arrive at site the excavator would track along the lower shelf onto the stockpiled soil. The Wooldridge engineer would open the northern Heras fence and back the tipper lorry into the loading bay. The pressure washing was used whilst soils were loaded onto the back of the tipper lorry. When the lorry was loaded, the Wooldridge Engineer checked and signed the transfer note. The load was then sheeted and the lorry was sent to the wheel wash upon exit of the site. The northern Heras fence was closed upon departure of each lorry. In total, 86 tipper loads of non-hazardous soils were transported off site. The licenced landfill accepting the waste soil was: The Bugle Nurseries Ltd, Upper Halliford Road, Shepperton, TW17 8SN.

Once the lower shelf was reduced down to the required level and the stockpiled material had been removed, orange terram was installed. The terram overlapped the previously installed terram to the east and was rolled up to the water line of the lake. Upon leaving the lower area, the excavator was thoroughly washed down with the pressure washer, paying attention to residue soil on the tracks and bucket. The excavator on top of the raised clean cap platform lowered clean cohesive materials onto the terram to weigh the terram down and form a protective soil layer to allow the roller and dozer to operate and place soil in the specified layers. Due to this strip being in the area of the proposed rear gardens, 0.7m of clean cohesive fill was placed on top of the terram, followed by 0.3m of site-won topsoil (from the topsoil stockpile located in Phase 4). The 25t dumpers were used to move excess clean soils (arising from the ~3m cut along the western edge of the raised platform at the beginning) to be transferred elsewhere on site.

Waste arisings associated with the remedial works included disposable masks and overalls, and also asbestos fragments picked by Ramboll were double bagged and placed next to the decontamination unit. Eight bags, in total, were collected by a van on 10th May 2017. The consignment note is included in Appendix E.

3. Eastern Asbestos Remediation Works – up to June 2017

Upon instruction from St Edward, works commenced on 26th June 2017 within the eastern part of Phase 5A.

Wooldridge Ecotec Ltd initially surrounded the area with Heras fencing with adequate signage. The western part of this final remediation area was defined by the raised platform (approximately 1.2m higher) which had previously been remediated (up to December 2016). The decontamination unit and entrance/exit gate and adjoining Heras fence line was placed approximately 20m north of the area requiring the installation of terram, close to the main northern haul road. A 6t dumper towing a pressure washer trailer was parked next to the decontamination unit and asbestos PPE/RPE was provided by Wooldridge Ecotec Ltd. Upon inspection of the area by Lucion and Ramboll, no asbestos fragments were identified.

Initially, a dozer was brought into the Asbestos Area. The dozer graded the area and mapped the topography using its specialist GPS equipment. The slopes of the raised banks adjacent to the Asbestos Area were removed to create a more vertical face and to expose the previously installed

terram to the west. The northern part of this final Asbestos Area was found to be within 0.9m of finished level. This northern 'shelf' was reduced and pushed towards the southern end which was measured to be 1.5m below finished level.

The co-ordinates collected from the dozer were provided to the groundworkers (Wooldridge Contractors Ltd) and St Edward. It was agreed that the terram could be placed approximately 1.2m below finished level, once this area was profiled, meaning no soils were required to be taken out of this area.

From previous groundwork knowledge in this phase it was considered that the amount of obstructions within the Made Ground in the eastern part of the Asbestos Area would be minimal as the natural soils were shallow. Generally, the Made ground was thought to be thickest within the western part of Phase 5A (adjacent to NE corner of the lake) and become increasingly thinner towards the eastern part of Phase 5A.

An excavator was brought into the Asbestos Area and completed 8 trial pits along the footprint of the proposed band of houses within the eastern part of the Asbestos Area (and eastern part of Phase 5A). The Made Ground was found to be approximately 0.2m thick. It was concluded with St Edward, that the footprint of houses within this eastern strip would not require soils to be turned as it was not considered likely that obstructions would be present. Another trial pit was completed within the western part of the Asbestos Area. The Made Ground was found to be 0.6m thick and concrete/brick obstructions were encountered. It was agreed to turn this western area within the footprint of proposed housing to significantly reduce the risk of refusal of the vibro-pile rig. The western area was turned using a 20t excavator. Three large concrete obstructions (0.4m x 1m x 2.5m, 0.4m x 1m x 2.5m and 0.7m x 3.5m x 5m) were uncovered within the western area. The largest concrete obstruction (3.5m x 5m x 0.7m) was thought to weigh over 30t and was not removable using the 20t excavator and dozer. Another 20t excavator with a breaker attached was brought into the Asbestos Area to break up the slab into smaller fragments. Concrete was inspected by Ramboll/Lucion, and upon approval this was loaded onto a dumper and taken to the concrete pile in Phase 3. Two wooden railway sleepers were also removed from the western part of the Asbestos Area.

A roller was used to compact soils prior to installing orange terram, ensuring sufficient overlap between rolls. Clean cohesive fill was then imported and placed in layers on top of the terram. The roller was used upon completion of each layer to compact the imported soil.

The works were completed by 27th June 2017. Over the two days of works there was a geotechnical/environmental engineer present from Wooldridge Ecotec Ltd, Lucion and Ramboll. Photographs taken throughout the works are included in Appendix D.

Remediation Completion Statement

The area identified by Ramboll investigation in which Made Ground was found to be contaminated with asbestos fibres and fragments is now covered with an orange 'warning' terram and filled with a ≥1m inert clean soil. The Made Ground and capping layer have been engineered following the Specification for Highways Works Series 600 and Ramboll Specification for Earthworks, as per the same method used in other recently filled parts of Green Park (including Phase 1B and Phase 3A).

APPENDIX A

Green Park Development Plan and Remediation Area Plan



Contractors are not to scale dimensions from this drawing

The internal layouts within apartments will be subject to design development.
The precise location of walls and internal doors and the detailed layout of bathroom and kitchen areas will be subject of non-material changes and may vary from the internal layouts set out in these plans.
These minor alterations will not affect the poition and arrangement fo external doors and windows nor will they affect the relative relationship between habitable rooms and windows.

The survey information shown on this drawing is based on a topographical survey prepared by a third party and Broadway Malyan Limited accept no responsibility for the accuracy or completeness of the survey.

N

LANDSCAPING SHOWN IS INDICATIVE
SEE 'PLACE' LANDSCAPE PROPOSALS FOR DETAILS

Phase 6
Phase 5
Phase 4
Phase 3B
Phase 3A
Phase 1
Phase 2B
Phase 2C
Phase 1C
Phase 2A

bus stop
bus stop
bus stop
bus stop

© 2008 Google™

B	PHASING PLAN	JF	JC		18.02.2016
A	PHASING PLAN	JF	JC		12.02.2016
No	Description	Drawn	Chkd	Appd	Date

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Client
St. Edward Homes
Project
Green Park Village

Description
Phasing Plan

Status
PLANNING APPLICATION

Scale	Drawn	Date
1:1000 @ A0		Nov 2010
Job number	Drawing number	Revision
27429	Phase-001	B

Original size 100mm @ A0 Copyright Broadway Malyan Limited

15.11.2010 RedResources U:\27429\Sheets\01-Masterplans\27429-PL-P1-001.dwg

N

W

E

S

PHASE 5a Turned, compacted and membrane installed to date (May2017)

PHASE 5a Turned, compacted and membrane installed to date (Dec 2016)

PHASE 5a Turned, compacted and membrane installed to date (June 2017)

PHASE 4

8

6

A

170400N

170300N

39.78 39.80 39.82 39.77

39.95 39.98 39.99 39.90

40.15 40.12 40.03

40.30 40.24 40.15

39.79 39.99 40.06 40.00 39.96 40.00

40.08 40.02 39.97 40.05 39.95 40.08 40.34

39.85 39.89 39.94 39.90 40.33 40.45

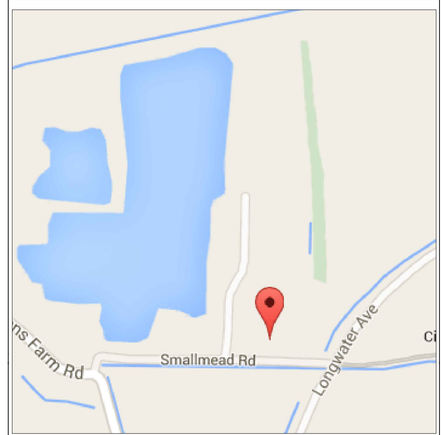
39.88 40.02 40.40

Wooldridge

WOOLDRIDGE GROUP

LEGEND

KEY MAP



Green Park
Reading RG30 3UR
Phase 5A

SCALE	SHEET NUMBER
1:500@A1	103C
PLOT DATE	
29June2017	
FILE NAME	
Phase5A Area June 2017.dwg	

APPENDIX B

Ramboll Technical Note, Asbestos Management Plan, Summary Plan of Works and Health & Safety Plan

WOOLDRIDGE

TECHNICAL NOTE

Job	**Green Park Village**
Client	**St Edward Homes Ltd**
Technical Note no.	**1620000492/TN/003**
Date	**10/08/2016**
By	**Chris Dawson**
Approved	**Phil Studds**
Subject	**Phase 5 Ground Investigation Findings and Remedial Options**
Revision	**R05**

1. Introduction

Ramboll UK Ltd (Ramboll) were commissioned by St Edward Homes Ltd (St Edward) to undertake an intrusive ground investigation to delineate the extent of asbestos impact in soils on the Phase 5 area of the Green Park Village (GPV) development site, following the identification of suspected asbestos sheeting by the groundworks contractor during lifting and breaking of the slab. Concurrent to this, an assessment of any other potentially harmful onsite contaminants was also undertaken.

The ground investigation was to be undertaken in order to delineate the area of impact, to provide further detail on the pollutant linkages and to assess the suitability of the site soils for re-use onsite.

The ground investigation was designed, procured and undertaken by Ramboll, the findings of which are presented herein.

Multiple previous reports relating to the wider Green Park Village site have been made available to Ramboll. This current report details the historic reports and give a Phase 5 specific ground contamination assessment with associated recommendations:

- Green Park Village Ground Contamination Interpretative Report, Ramboll, March 2016.

2. Constraints and Limitations

This report is intended for St Edward Homes Ltd for the purpose of assisting them in evaluating the site in the context of the development of the Phase 5 area of the Green Park Village site

only. This technical note should not be used in whole or in part by any third parties without the express permission of Ramboll in writing.

Ramboll has endeavoured to assess all information provided to them and any recommendations provided herein relate to the development of the site based on the information gained at the time of writing. Any substantial changes to the use of the site may require a reassessment of the implications of the risks identified and the recommendations provided. It should be noted that although every effort has been made to ensure the accuracy of the data obtained from the investigation, the possibility exists for variations in ground conditions between and around the trial pit locations.

3. Location & Proposed Development

The site is located approximately 4km to the south of Reading town centre Berkshire, located off Longwater Avenue in Green Park. The wider GPV site is intended for approximately 737No. residential properties, including housing with both private and communal gardens, a school, retirement care home, community uses, commercial premises and public open spaces. The development also includes access roads and soft landscaping. Ground levels across the entire site are intended to be raised for flood alleviation purposes.

Within the wider side area, the site has been split into a number of phases, of which Phase 5 is provisionally planned to comprise residential housing with gardens, areas of soft landscaping and associated infrastructure. Generally ground levels are proposed to be raised by approximately 1.0m to 1.5m above current levels under an Environmental Permit.

Details of the Phase 5 and wider GPV site area including; site history, relevant potentially contaminative onsite activities, environmental setting and previous phases of ground investigation are provided with the Ramboll *GPV Ground Contamination Interpretative Report*, (Ramboll 2016).

A Site Location Plan is presented as Figure 1, the Development Phases as Figure 2, and the Proposed Site Development Plan is shown as Figure PL-MPL-005, May 2010.

4. Ground Investigation & Results

The scope of the current ground investigation comprised the following elements of work:

- Excavation of 22No. trial pits to a maximum depth of 2.70m below ground level (mbgl) in a grid pattern across the Phase 5 site at approximate 20m spacings;
- Selective sampling of visibly discrete asbestos-containing materials (ACM) by Lucion Environmental Ltd site personnel;
- Selective sampling of recovered soils for subsequent laboratory testing at i2 Analytical Services Ltd for a typical 'brownfield suite of contaminants' including, *inter alia*, asbestos

screen?, selected metals, pH, cyanide, phenols, hydrocarbons and limited soil leachate analysis;
- Provision of background and reassurance asbestos air monitoring by Lucion Environmental Ltd analyst; and
- Supervision of banksman with jet wash bowser to dampen all soil arisings and minimise dust generation during the intrusive work.

The ground investigation was designed to target areas of historical industrial use within the Phase 5 site area, consequently the trial pits were positioned in the southwest of the Phase 5 area based on an approximate 20m grid.

An Exploratory Hole Location Plan is provided as Figure 4 and exploratory hole logs are provided within Appendix A.

Ground Conditions

The typical succession of strata across the site identified during the ground investigation is summarised in Table 4.1 below:

Table 4.1: Sequence of Typical Strata Encountered During the Investigation

Stratum	Typical description	Range of depth encountered (mbgl)	Range thickness (m)
Made Ground	Brown and grey sandy silty **GRAVEL** and sandy gravelly **CLAY**. Gravel is flint, concrete and brick. Rare wood, plastic and ceramics. Evidence of discrete asbestos containing materials present in approximately 50% of the locations. *Unit encountered across the whole site - decreasing in thickness from south to north from up to 2.50m to 0.40m in thickness.*	Ground Level -1.50	0.40-2.50
	Brown sandy **CLAY** [Historical Land Raising Fill Material] *Encountered in 4No. locations only in the south of the Phase 5 area. Typically from around ~0.20m to 1.30m in thickness.*	Ground Level	0.10-1.30
Cohesive superficial deposits **Alluvium**	Grey to dark grey silty **CLAY**. *Typically encountered across most the site. Maximum thicknesses encountered in northern areas. Unit thickness only proven in RTP721 at 0.60m thick.*	0.60-2.70	0.60*
Granular superficial deposits **River Terrace Deposits**	Grey silty sandy **GRAVEL** of flint. *Only encountered in 3No. locations stratigraphically below the alluvium.* *Unit thickness unproven.*	0.90-2.20	>0.70*

Notes: * depth not proved in all locations.

The ground conditions encountered broadly correspond to those described within the GPV Ground Contamination Interpretative Report, (Ramboll, 2016). Reported strata underlying the site are reported to be: Reading Formation of Lambeth Group (silty sandy clay), White Chalk Subgroup (Chalk with flint).

In addition to the trial pits, an area containing *obvious demolition material was present* within the vicinity of RTP701, RTP702 and RTP703 and is shown on the Exploratory Hole Location Plan. Material from this area was described as grey and brown silty sandy cobbly sub-angular to sub-rounded fine to coarse GRAVEL of concrete, brick, metal, wood and plastic with occasional to frequent cobbles of concrete and aerated concrete blocks. A total of 4No. soil samples (RSP01-RSP04) of this material were obtained and analysed for the same suite of determinands as the samples from the trial pits. The origin of this material is unclear but is understood to have been revealed during on-site excavations (from 'turning the ground over') during an early stage of site clearance, and is considered likely to have resulted from burial of demolished structures in that location, or from another location.

Hydrogeology and Hydrology

Groundwater was encountered in 2No. trial pit locations, RTP710 at 2.40mbgl rising to 2.20mbgl and RTP721 at 1.60mbgl rising to 1.50mbgl. As reported within the GPV Contamination Interpretative Report (Ramboll 2016) the River Terrace Deposits and the Reading Formation unit underlying the site are classified as Secondary A aquifer and the White Chalk Subgroup is classified as a Principal Aquifer.

A disused (but actively licenced) potable water supply abstraction is located approximately 50m south of the Phase 5 site area. This abstraction point has been decommissioned as part of the wider site development plans.

Immediately west of the Phase 5 area is a flooded former gravel working referred to as Trout Lakes. Immediately east there is an unlabelled drainage ditch (understood to be infilled during early site enabling works) understood to flow in a southerly direction. Also, immediately north there is another unlabelled drainage ditch which is understood to flow in an easterly direction. Is it considered likely that the local surface water features ultimately join Foundry Brook, approximately 600m southeast of the Phase 5 area which flows to the northeast.

Visual and Olfactory Observation of Potential Contamination

The following visual/olfactory evidence gross ground contamination was noted during site works:

Table 4.2: Summary Visual and Olfactory Observation of Potential Contamination

Exploratory Hole	Depth Range of Impact mbgl	Description
RTP701	0.10-1.70	Occasional cement bonded ACM
RTP702	0.00-0.60	Frequent cement bonded ACM
RTP703	1.50-2.50	Occasional cement bonded ACM
RTP704	0.60-0.60	Frequent cement bonded ACM
RTP705	0.80-1.90	Single cement bonded ACM
RTP706	0.30-0.90	Single cement bonded ACM and single AIB ACM
RTP711	1.00-1.40	Iridescent (hydrocarbon) sheen on water (small volume) from broken drainage pipe. No free phase product.
RTP713	0.00-0.80	Single cement bonded ACM
RTP716	0.00-1.10	Frequent cement bonded ACM
RTP716A	0.00-0.60	Single cement bonded ACM
RTP718	0.00-0.40	Occasional cement bonded ACM
RSP01	N/A	Frequent cement bonded ACM
RSP03	N/A	Frequent cement bonded ACM
RSP04	N/A	Frequent cement bonded ACM

Notes: ACM = Asbestos Containing Material, AIB = Asbestos Insulation Board.

The hydrocarbon contaminated groundwater from the broken drainage pipe encountered in RTP711 was of a sufficiently small volume and considered likely to be residual build up from within the pipework that it was unlikely to represent any future risk to human health or the local water environment. However, the recovered soil sample from RTP11 at 1.10mbgl was subsequently impacted with this drain water, and as such concentrations recorded in this sample will not accurately represent that of the wider underlying soils.

5. Ground Contamination - Generic Quantitative Risk Assessment

This ground contamination assessment has been undertaken in accordance with the current UK framework and comprises a generic quantitative risk assessment (GQRA) as defined in CLR 11 (EA, 2004). Further details of the UK Legislative Content are provided in Appendix D.

In order to assess the significance of the asbestos concentrations reported, generic assessment criteria (GAC) must be selected based on the critical receptors identified at the site. Receptors are considered in relation to Human Health (*e.g.*, current, future and adjacent site users) and the water environment (*e.g.*, water resources).

Human Health Assessment - Soil Screening Analysis

Details of the UK framework for human health risk assessment and GAC are provided in Appendix D. Contaminant concentrations below the adopted GAC are considered not to warrant

further risk assessment. Where any concentrations are recorded above the GAC consideration of the contaminant distribution is undertaken.

Current UK guidance is provided in the Defra/EA CLR framework which sets out standard land uses for which GAC are derived for individual contaminants. The Phase 5 area is development plans indicate a combination of public open spaces and residential properties therefore comparison has been made to GAC for a residential with plant uptake end use, as a preliminary worst case scenario.

For asbestos contamination there is no generally accepted GAC, as such the threshold for initial consideration for further assessment is any detection of asbestos fibres.

The soil analysis results are presented in comparison to the GAC in Appendix C. Table 5.1 below summarises the contaminants of concern identified at concentrations above the GAC in one or more samples.

Table 5.1: Summary of Elevated Chemical Concentrations in Soil

Determinand	GAC	Units	No. of Samples	No. of Exceedences	Maximum Concentration mg/kg
Benzo(a)pyrene	5	mg/kg	11	3	12 (RTP715 & RSP01)
Lead	200	mg/kg	11	3	1,400 (RSP715)
TPH Aromatic C12-C16	140	mg/kg	2	1	180 (RPT711)
TPH Aromatic C16-C21	260	mg/kg	2	1	360 (RTP711)
Asbestos	Presence	N/A	30	26	Chrysotile, Amosite & Crocidolite [1]

NOTES: GAC – residential with plant update
Soil organic matter content of 1% assumed.
[1] Further consideration for asbestos contamination is given in Section 6

The identified Impacts are considered further in relation to vertical and lateral distribution across the site.

Benzo(a)pyrene
Three samples were recorded at concentrations exceeding the Category 4 Screening Level (C4SL) surrogate marker GAC of 5 mg/kg. Measured exceeding concentrations were 12 mg/kg (RTP715 at 0.60mbgl), 12 mg/kg (RSP01) and 8.2 mg/kg (RSP04) and all within Made Ground soils

The exceedences are within one order of magnitude of the GAC, and are isolated,

Lead
Three samples were recorded at concentrations exceeding the C4SL GAC of 200 mg/kg. Measured exceeding concentrations were 350 mg/kg (RTP711 at 1.10mbgl), 1,400 mg/kg (RTP713 at 0.2mbgl) and 1,300 mg/kg (RTP715 at 0.60mbgl) within Made Ground soils.

Two of the exceedances are one order of magnitude above the GAC and 1No. within one order of magnitude and predominantly located within the central area of the Phase 5 area.

Hydrocarbons
Two exceedances of the GAC for TPH aromatic C12-C16 (140 mg/kg), and C16-C21 (260 mg/kg) were recorded within RTP711 at 1.10 mbgl at concentrations of 180 mg/kg and 360 mg/kg respectively. As previously disused the soil sample recovered from 1.10 mbgl was tainted with hydrocarbon impacted drain effluent and therefore it is not considered representative of the wider soils.

The exceedances are within an order of magnitude of the GAC, isolated and not indicative of the wider soil ground conditions.

Asbestos
A total of 32 No. soil samples were analysed for asbestos fibres, of which, 30 No. samples detected the presence of asbestos fibres. These samples were then submitted for further asbestos quantification. The soils where asbestos fibres were detected were Made Ground soils located across the majority of the Phase 5 site area.

Further discussion of the soil asbestos analysis, on site observations of contamination and the asbestos air monitoring analysis are discussed below.

Waters Assessment – Soil Leachate Analysis

GAC for waters must be selected to assess potential risks to identified human health and environmental receptors. The site is underlain by the River Terrace Deposits and the Reading Formation unit are classified as Secondary A aquifer and the White Chalk Subgroup is classified as a Principal Aquifer. The nearest surface water features are Trout Lake immediately to the west, and unlabelled drainage ditches immediately north and east of the Phase 5 area.

Adopting a conservative approach (and on the basis that the licensed potable abstraction located 40m south of the site has been decommissioned as part of the redevelopment), comparison of concentrations of determinants in the leachate samples have been made to Environmental Quality Standards (EQS) for freshwater and, where these are not available, to UK Drinking Water Standards (DWS). The GAC used in the assessment of controlled waters are also provided in Appendix D.

Further details of the UK legislative context are provided in Appendix D.

Leachate analysis was undertaken on 4No. soil samples, 3No. from Made Ground soils and 1No. from natural River Terrace Deposits to assess the potential leachate of *inter alia*: metals, phenols, hydrocarbons and sulphate.

The chemical analysis screening summary tables are included in Appendix D. Measured concentrations above the recommended GAC in one or more sample are summarised in Table 5.2.

Table 5.2: Summary of Elevated Chemical Concentrations in Soil Leachate

Determinand	GAC	Units	No. of Samples	No. of Exceedences	Maximum
Calculated leachable bioavailable Lead	1.20	µg/	4	1	1.22 (RTP721)

NOTES: GAC based on most conservative of WFD DWS and Freshwater EQS
Bioavailability calculations undertaken in accordance with industry best practice.

Bioavailable Lead
One exceedance of the GAC of 1.20 µg/ for bioavailable lead was recorded from the sample RTP721 at 0.10mbgl within Made Ground soils.

The exceedance marginally exceeds the GAC and is isolated.

Summary

The following impacts have been identified at the Phase 5 site area:

- Localised benzo(a)pyrene, lead and aromatic hydrocarbons (TPH) within shallow Made Ground soils;
- Site wide asbestos impacts within Made Ground soils; and
- Localised (RTP721 at 0.10mbgl) impact of leachable bioavailable lead within Made Ground soils.

It should be noted that due to the lack of onsite borehole motoring standpipes, no assessment of potential impacts to groundwater or of the effect of ground gases has been possible. As such these remain as potential sources of contamination at this time.

6. Asbestos Contamination

The location soil analysis, Ramboll soil analysis and the Lucion air monitoring analysis are presented below:

Lucion Environmental Soil Analysis – Visibly Discrete Fragments of ACM

In addition to the ACM materials identified by Ramboll, Lucion Environmental site personnel also identified the presence of ACMs within the trial pit locations. These samples were submitted to the Lucion laboratory for asbestos analysis. The results of the Lucion sampling exercise are provided within Appendix B as Lucion Bulk Sample Report 121834 (July 2016) and Lucion Bulk Sample Location Plan Berkley Housing Development – 121834 (July 2016).

In summary, combining the Ramboll site descriptions and Lucion laboratory analysis confirmation, visible discrete (/bulk as per Lucion terminology) ACMs were identified in the majority of the trial pit locations, including in the samples of demolition material. The asbestos materials identified typically comprised single to multiple fragments of cement-bound ACMs (sheet and pipe materials) but included 3No. occurrences of asbestos insulation board (AIB) materials (in RTP703 and RTP706, of board, sheet and pipe fragments). Asbestos fibre types detected were typically chrysotile (white asbestos) with 3No. occurrences of amosite (brown asbestos) detected in the AIB samples.

Ramboll / i2 Laboratory Analysis

The Ramboll site engineer took representative soils samples across all trial pit locations and from the area of demolition material and submitted them to i2 Analytical Services Ltd for laboratory analysis. If the presence of asbestos was detected, these samples were also submitted for asbestos quantification analysis. This analysis provides the amount of asbestos contained within the total soil matrix expressed as a percentage weight for weight of the entire sample (% w/w).

The results of the i2 laboratory analysis for asbestos and other determinands are provided in Appendix C. A summary from the asbestos soil analysis is provided below in Table 6.1.

Table 6.1 Summary of i2 Asbestos Laboratory Analysis Results – Residual Soil Matrix Results.

Exploratory Hole	Sample Depth	Asbestos Containing Material Types Detected	PLM Results	Total Asbestos in Sample
	mbgl	(ACM)		% w/w
RTP701	1.4	Loose Fibres	Chrysotile	< 0.001
RTP702	0.00-0.10	Loose Fibres & Insulation Lagging	Chrysotile & Amosite	0.01
RTP703	1.7	Loose Fibres & Insulation Lagging	Amosite	0.006
RTP704	0.3	Loose Fibres & Insulation Board/Tile	Chrysotile & Amosite	0.003
RTP704	0.6	Loose Fibres	Chrysotile & Amosite	< 0.001
RTP706	0.1	Loose Fibres	Chrysotile & Crocidolite	< 0.001
RTP706	0.4	Loose Fibres	Amosite	< 0.001
RTP707	0.1	Loose Fibres & Insulation Board/Tile	Chrysotile	0.557
RTP708	0.1	Loose Fibres	Chrysotile	< 0.001

Exploratory Hole	Sample Depth	Asbestos Containing Material Types Detected	PLM Results	Total Asbestos in Sample
	mbgl	(ACM)		% w/w
RTP709	0.1	Insulation Board/Tile	Chrysotile	< 0.001
RTP710	0.6	Hard/Cement Type Material & Loose Fibres	Chrysotile & Amosite	0.050
RTP710	1.2	Loose Fibres	Amosite	< 0.001
RTP711	0.6	Loose Fibres	Chrysotile & Amosite	< 0.001
RTP711	1.1	Loose Fibres	Chrysotile & Amosite	< 0.001
RTP712	0.1	Insulation Board/Tile	Amosite	< 0.001
RTP713	0.2	Loose Fibres & Insulation Lagging & Hard/Cement Type Material	Chrysotile & Amosite	0.016
RTP714	0.1	Insulation Lagging & Hard/Cement Type Material	Chrysotile	0.174
RTP715	0.6	Loose Fibres	Chrysotile & Amosite	< 0.001
RTP716	0.2	Loose Fibres	Chrysotile	< 0.001
RTP716	0.5	Loose Fibres	Chrysotile	< 0.001
RTP717	0.1	Loose Fibres & Insulation Lagging & Bitumen	Chrysotile & Amosite	0.017
RTP718	0.1	Loose Fibres & Insulation Lagging & Insulation Board/Tile	Chrysotile & Amosite	0.004
RTP721	0.1	Loose Fibres	Chrysotile & Amosite	< 0.001
RTP722	0.6	Loose Fibres	Chrysotile	< 0.001
RTP716A	0.1	Loose Fibres	Chrysotile	< 0.001
RTP716A	0.7	Loose Fibres & Insulation Lagging	Chrysotile & Amosite	< 0.001
RSP01	N/A	Insulation Lagging & Loose Fibres	Chrysotile & Amosite	0.004
RSP02	N/A	Loose Fibres	Amosite	< 0.001
RSP03	N/A	Insulation Lagging & Loose Fibres	Chrysotile & Crocidolite & Amosite	0.008
RSP04	N/A	Insulation Lagging & Insulation Board/Tile	Chrysotile & Amosite	0.013

Notes: PLM = Polarised Light Microscopy, % w/w = Percent weight for weight.

In summary, asbestos-containing materials were encountered in all but 2No. sample locations (RSP705 and RTP720). A total of 47% of samples contained asbestos insulation lagging or asbestos insulating board materials within the soil matrix and the remainder contained loose fibres of cement type ACMs or bitumen ACMs. A total of 2No. samples (RTP706 and RSP03) were found to contain crocidolite fibres ('blue asbestos') with the remainder found to contain predominately chrysotile ('white asbestos') and limited amounts of amosite ('brown asbestos'). Asbestos concentrations were found to range from below laboratory detection limits (<0.001%), up to 0.557% w/w.

The i2 asbestos results provided above refer to the amounts and types of asbestos contained within the soil matrix **only.** The types of ACMs described within Table 6.1 refers to ACM samples *not visually distinguishable by eye and are typically smaller than the diameter of a 5 pence piece* (i2 Laboratory personal correspondence, July 2016). The results of the i2 analysis are herein referred to as residual asbestos material contained within the soil matrix. The ACMs described in Table 4.2 and the Lucion results are referred to as visibly discrete fragments of ACM.

Lucion Air Monitoring Results

Lucion Environmental provided two types of air monitoring during the ground investigation works: static air monitoring and personal air monitoring.

The static air monitoring equipment can be placed in any location on site and are typically moved around the site to provide a representative spread of data but are also used to obtain data under worst-case scenarios, such as might be expected immediately down-wind of the excavation. The personal air monitors are typically worn by those site personnel considered to be at highest risk from inhalation of airborne fibres, and are therefore typically worn by excavator operators, those dampening-down the soil arisings, or those supervising the operation in close proximity for example.

A total of 27No. air samples were analysed during the site works comprising 20No. static air monitoring samples and 7No. personal air monitoring samples. Copies of the Lucion air monitoring data are provided in Appendix B.

During the static air monitoring, both background and operational reassurance monitoring was undertaken. The fibre count ranged from 2 to 8 fibres and the reported fibres per millilitre (f/ml) concentration was always <0.01 f/ml (the reporting limit of the analytical technique).

Similarly, during the personal air monitoring the reported fibre count ranged from 3 to 9 fibres and the reported fibre concentrations was always <0.02 f/ml (the reporting limit of the analytical technique).

For an initial review, the results of the **static** air monitoring were compared against a 0.01 fibres per millilitre of air (0.01 f/ml) threshold concentration. This threshold concentration is known as the *'clearance indicator'* for asbestos removal works in an enclosed space, and as described by the Health and Safety Executive (HSE):

> *A clearance indicator of 0.01 f/ml in air is used in the UK for assessing whether it is safe to take down an enclosure after the asbestos removal has been completed and the area thoroughly cleaned.*

It is considered therefore that 0.01 f/ml can reasonably be described as a conservative threshold for fibre concentrations in outside air, and that concentrations below this level are unlikely to be a cause for significant concern.

The results of the 20No. static air monitoring events undertaken during the ground investigation works show that the 0.01 f/ml threshold concentration was not exceeded.

For **personal** air monitoring the HSE recommend comparison against the asbestos 'Control Limit' of 0.1 fibres per millilitre of air (0.1 f/ml). The control limit refers to the concentration of asbestos fibres in any localised atmosphere, measured and averaged over a continuous period of four hours, in accordance with the 1997 World Health Organisation's recommended method.

The results of the 7No. personal air monitoring events undertaken during the ground investigation works show that the 0.1 f/ml asbestos control limit was not exceeded. Thus as the personal air monitoring results indicated that the control limit was not exceeded it is considered that the control measures employed on site were appropriate.

Note that, in accordance with the relevant guidance, there is no distinction made between asbestos fibres and any other type of fibre that is observed in the air sample, so this is a measure of the concentration of *total fibres* in air, and is not necessarily a measure of *asbestos fibres* in air.

7. Risk Evaluation

The information presented in the previous sections of this report have been collated and evaluated to refine the initial conceptual site model for the site as presented within the GPV Contamination Interpretative Report (Ramboll 2016)

This conceptual model is based on the site as it stands at present, *i.e.*, disused and on the provided site development plans. A revised assessment would be required should the development significant alters from those provided.

Sources of contamination

The potential contamination sources have been considered in relation to specific receptors within the GQRA above. The sources, impacts and associated receptors identified as potentially at risk are summarised in Table 7.1 below.

Table 7.1: Potential Sources

Source	Receptor	Comments
Soil impacts	**Human Health**	**Visibly discrete fragments of asbestos containing materials** were found in the majority of the site soils, typically comprising single to multiple cement-bound ACMs (sheet and pipe materials) and 3No. occurrences of

Source	Receptor	Comments
		AIB materials. **Asbestos fibres within the soil matrix** across the majority of the site. Typically comprising loose fibres, cement type/ bitumen ACMs, insulating and lagging materials (47% of samples containing asbestos). % w/w concentrations range from <0.001% to 0.557% w/w. Neither the 0.01 f/ml 'clearance indicator' nor 0.1 f/ml 'Control Limit' were exceeded on any occasion during the asbestos air monitoring. **Localised minor impacts of benzo(a)pyrene and lead** within Made Ground soils. B(a)P and lead concentrations are typically within one order of magnitude of the GAC. **Isolated impact of aromatic TPHs** within small volume of drain effluent impacted Made Ground soil.
	Water Environment	**Localised minor impact of leachable bioavailable lead** within Made Ground soils.
Groundwater impacts	**Water Environment**	**Potential sources not identified due to absence of monitoring standpipes. Conservatively assumed to present a potential risk in the absence of additional data.**
Ground gas impacts	**Human Health**	

Receptors

In order for the contaminants identified in this site investigation to reach potential receptors, there has to be a viable pathway for the contaminant. Potential pathways identified are discussed further in Table 7.2 below in relation to the identified source impacts and receptors identified.

Table 7.2: Potential Receptors

Feature	Details
ON SITE	
Current site users [construction workers]	Risks to current site users including construction workers during development. Access to the site is understood to be limited to St Edward Homes site personnel only.
Future site users	Proposed residential housing and public open space within Phase 5 site area.
Underlying aquifers	River Terrance Deposits and the Reading Formation unit underlying the site are classified as Secondary A aquifer and the White Chalk Subgroup is classified as a principal aquifer.
OFF SITE	
Adjacent Site Users	Housing developments immediately south and east of the site. Further developments, public open spaces and a school within the wider GPV site.
Surface waters	Trout Lake and unlabelled drainage ditches present immediately north, east and west of the site.

Notes: *Current site users* considered to be present and near future site users based on the wider construction works being undertaken on the GPV site.
Risks to construction materials such as foundations or water supply pipes are outside of the scope of this report and therefore not assessed.

Pathways

In order for the contaminants identified in this ground investigation to reach potential receptors, there has to be a viable pathway for the contaminant. Potential pathways identified are discussed further in Table 7.3 below in relation to the identified source impacts and receptors identified.

Table 7.3: Potential Pathways

Receptor	Pathway	Comments
Human health	Direct contact with contaminated soils	Potential for direct contact by construction workers during site development and land raising activities [1]
	Inhalation of asbestos fibres	Potential for inhalation of asbestos fibres following disturbance of surface ACMs or impacted soils. The mechanism for generating airborne asbestos fibres typically requires agitation of surface ACMs or exposure of belowground ACMs to the surface. Therefore the limiting factor for asbestos fibre generation is the scale of site related development and land raising activities [1].
	Inhalation of vapours and dusts	Potential for inhalation of vapours and dusts from the agitation of soils. As above the mechanism for generating dusts will be limited by land rising activities [1].
	Inhalation of ground gases and build up in confined spaces	Mechanism for migration of ground gases to be assessed following receipt of ground gas monitoring data, as such a conservative assumption that the pathway is viable is made.
Water environment	Leaching and vertical migration to groundwater	Following on site land raising the placement of compacted clay fill material, the potential for leachate generation within the Made Ground soils will be limited [1]
	Migration of contaminants via groundwater to surface water courses and underlying aquifer	Due to the lack of groundwater data, a full assessment of the risks to surface waters and underlying ground water is not possible, as such a conservative assumption that the pathway is viable is made.

Notes: [1] Following development of the site, the onsite Made Ground soils (including asbestos impacted soils) are understood to be buried under between 1.0m and 1.5m of vibro compacted clay fill material. Following placement of the clay fill material the corresponding pathways pathway will be effectively broken.

Qualitative Risk Assessment

Potential pollutant linkages are identified using the source-pathway-receptor framework detailed above. An assessment of the potential significance of each linkage is then made by consideration of the likely magnitude and mobility of the source, the sensitivity of the receptor and nature of the migration/exposure pathways.

This qualitative hazard assessment has been undertaken in accordance with NHBC and Environment Agency, 2008. Further details of which are provided in Appendix D including definition of risk categories.

Table 7.4 summarises the pollutant linkages and risk ratings associated with the proposed development.

Table 7.4: Risk Assessment

Hazard / Pollutant	Pathway	Receptor	Potential Severity	Probability of Risk	Level of Risk
Visibly discrete fragments of asbestos containing materials *predominantly cement bound & isolated AIB.*	Inhalation	Current site users [Construction workers]	Severe	Likely	**HIGH** [1] - risk mitigation and management measures required
		Future site users	Severe	Likely	**HIGH** [2] - risk mitigation and management measures required
		Adjacent site users	Severe	Unlikely	**MODERATE** / LOW [2] - risk mitigation and management measures required
Asbestos fibres within the soil matrix *including insulation, lagging, loose fibres and cement bound ACMs*	Inhalation	Current site users [Construction workers]	Severe	Low	**HIGH** [1] - risk mitigation and management measures required
		Future site users	Severe	Likely	**HIGH** [2] - risk mitigation and management measures required
		Adjacent site users	Severe	Unlikely	**MODERATE** / LOW [2] - risk mitigation and management measures required
Localised minor impacts of benzo(a)pyrene, lead & TPH within Made Ground soils	Direct contact & Inhalation of dust & vapours	Current site users [Construction workers]	Medium	Low	**MODERATE** / LOW [2] - risk mitigation and management measures required
		Future site users	Medium	Unlikely	**LOW**
		Adjacent site users	Medium	Unlikely	**LOW**
Localised minor impact of leachable bioavailable lead within Made Ground soils.	Leaching and vertical migration to groundwater	Secondary Aquifers (River Terrace Deposits and Lambeth Group)	Mild	Low	**VERY LOW**
		Principal Aquifer (Chalk)	Mild	Unlikely	**LOW**
		Surface water – Trout Lakes and ditches	Mild	Unlikely	**VERY LOW**

Hazard / Pollutant	Pathway	Receptor	Potential Severity	Probability of Risk	Level of Risk
Potential groundwater impacts as yet not investigated	Migration of contaminants via groundwater to surface water courses and underlying aquifer	Secondary Aquifers (River Terrace Deposits and Lambeth Group)	Medium	Low	**MODERATE** /LOW [3]
		Principal Aquifer (Chalk)			
		Surface water – Trout Lakes and ditches			
Potential ground gas source as yet not investigated	Migration of ground gases and build up in confined spaces	Current site users [Construction workers]	Medium	Low	**MODERATE** /LOW [3]
		Future site users	Medium	Low	
		Adjacent site users	Medium	Low	

Notes: Assessment completed assuming site in current conditions. Should site levels be altered significantly over those presented in Section 3 then further assessment would be required.

[1] Given the use of appropriate personal protective equipment (PPE) and on-site health and safety precautions and use of suitable control measures, the risk to site construction workers would be reduced to **LOW**/MODERATE**.**

[2] Should site levels be raised as outlined within the site development plans, the risk to future site users and adjacent site users would be reduced to **LOW** / MODERATE due to the pollutant linkage being broken by the effective removal of the inhalation pathway.

[3] Due to the absence of data, both the severity and probability of risk are estimated on likely ground conditions. Following receipt of site specific data the corresponding levels of risk can be reassessed.

Implication of Human Health Risk Assessment & Remedial Options

Table 7.5 below summarises the pollutant linkages which require further consideration and potential remedial action.

Table 7.5: Significant Pollutant Linkages

Pollutant linkage	Additional Actions Required
Site wide visibly discrete fragments of asbestos containing materials and asbestos fibres within the soil matrix presenting a risk to human health via inhalation.	Risk management measures required to address potential risks to human health during construction. Risk to offsite receptors and future site users mitigate by land raising activities.
Localised minor impacts of benzo(a)pyrene, lead & TPH within Made Ground soils presenting a risk to human health via direct contact	Further investigation recommended within Phase 5 area to delineate extent of asbestos contamination.
Potential groundwater and ground gas sources as yet not investigated	Installation and monitoring of borehole standpipe required to be undertaken within Phase 5 site area. Following recipient of the site specific data additional analysis and risk assessment can be undertaken.

The risks from the recorded concentrations of asbestos to construction workers is assessed as being **HIGH** but can be reduced to **LOW**/MODERATE with the appropriate use of PPE and on-site health and safety precautions and suitable control measures. Details of indicative site requirements are provided in Section 8 below.

The risks to future site users (*e.g.*, residents) from asbestos contamination is assessed as **HIGH** but are reduced to **LOW**/MODERATE based on the proposed importation of clay fill material to raise site levels to between 1.0m and 1.5m above existing levels, creating a barrier between the impacted soil and the receptor thereby effectively removing the inhalation pollution linkage.

The risks to adjacent site users (*e.g.*, local residents downwind of Phase 5) from asbestos contamination is assessed as **MODERATE**/LOW but are reduced to **LOW**/MODERATE based on the proposed land raising works thereby effectively removing the inhalation pollution linkage.

The results of this risk assessment and the suitability for the use of the land raising works fill material as an effective cover layer system require approval from Reading Borough Council Environmental Health.

Further details of the Remediation Strategy are provided within Section 9 below. It should be noted that site works undertaken during this phase of ground investigation did not fully delineate the area of asbestos impacts; as such, it is considered highly likely that additional phases of ground investigation are required within the Phase 5 area.

It should be noted that alternative remediation options are potentially viable for the site; the most likely alternative option is bulk excavation of the impacted soils (following additional delineation work) and removal from site to an appropriately licenced waste facility.

8. Asbestos Regulations and On-Site Risk Mitigation Measures

Under HSE guidance, work with asbestos is divided into three scenarios based on the likelihood of exposure to asbestos fibres in the air:

1. Non-Licenced Works (NLW);
2. Notifiable Non-Licensed Work (NNLW);
3. Licenced works (LW).

The criteria for classifying the type of works is based on the potential for the exposure limits of asbestos fibres in the air to be exceeded which is typically assessed using the material type found and if ACMs are visually identifiable.

As discussed above within the Phase 5 area there were two categories of asbestos found:

- Visibly discrete fragments of ACMs such as pieces of asbestos cement sheets/pipes and limited fragments of asbestos insulating board (AIB); and
- Residual asbestos within the soil matrix – typically expressed as either loose free fibres or pieces of ACM 'smaller than a 5p piece'.

Cement-bound ACMs are classified as being of a lower risk due to the asbestos fibres typically being bound within the cement matrix. Cement ACMs tend to have an asbestos content of between 10-15%, whereas the asbestos fibres within insulation material are typically less tightly bound and therefore more friable, and have an asbestos content of between 20-45%. Asbestos lagging materials are considered highly friable with an asbestos content of up to 100%. Insulation and lagging are considered higher risk materials and depending on the quantities present on site, the management strategies differ significantly in terms of HSE regulations, *etc*.

Discrete fragments of ACMs were identified in the Phase 5 area, comprising cement-bound ACMs with 3No. occurrences of asbestos insulation board (AIB) materials. These discrete fragments were not identified in all locations.

Within the soil matrix, asbestos was encountered as a mixture of insulation and lagging-type fibres and loose and cement-bound asbestos, in all but 2No. sampling locations.

The reassurance air monitoring results did not indicate any exceedances of the relevant thresholds for any on-site activities, nor any significant changes from background concentrations during the physical excavation of the trial pit soils. This indicates that, under controlled conditions, the potential for fibre generation is relatively low.

Implications for Phase 5 – Site Works/Workers

While high risk asbestos containing materials such as insulation board and lagging were found, they were typically encountered within the soil matrix (*i.e.*, less than the size of a 5p piece) with only infrequent visually identifiable discrete fragments of this material type.

Due to the low fibre generation potential of the material, as shown during the trial pitting investigation (albeit **under controlled conditions**), Ramboll would classify any likely future works as **Non-Licenced Works.**

Please note that this classification is based on strict adherence to the control measures listed below and that should either the quantities, type or condition of the asbestos change during the works, any classification is subject to change.

Non-Licenced Works Recommended Control Measures:

- Demarcation of asbestos impacted area with warning signs;
- Implementation of clean and dirty working area with decontamination equipment and wheel/plant washing facilities;
- Background boundary, operational and personal air monitoring testing (typically 1 to 2 days before and after, and during all site works);
- Use of appropriate PPE and RPE; and
- Watching brief role by a suitably qualified competent person *e.g.*, Ramboll Engineer to produce asbestos management plan, to review and ensure adherence to all RAMS, on site identification of asbestos and to provide tool box talks to all site personnel working in the demarked area.

Should the site conditions change and the works become Notifiable Non-Licensed Work (NNLW) then a HSE ASB NNLW1 notification is required (no hold period), medical surveillance of site personal and additional controls would be required.

Should the site works become Licensed Work (LW) then only a licenced asbestos contactor can supervise the site works with asbestos impacted soils, a HSE ASB5 LW notification is required (14 days hold period), heightened medical surveillance and control measures are be required.

For all scenarios it is imperative that all asbestos risk assessments are dynamic and reviewed and amended where required regularly.

9. Conclusions and Recommendations

As part of the development works proposed at the Green Park Village site and following on-site observations of surface asbestos containing materials, an initial phase of ground investigation works was proposed and undertaken in July 2016 by Ramboll. The site works comprised 22No.

machine-excavated trial pits and sampling, attendance of asbestos specialists for sampling and air monitoring and subsequent laboratory analysis.

Ground investigation works identified the presence of visibly discrete asbestos fragments across the majority of the site typically presenting as cement type materials with isolated asbestos insulation boards fragments. Residual asbestos fibres within the soil matrix were also identified across the majority of the site typically presenting as insulation/lagging type materials, cement type materials and loose fibres.

The reassurance air monitoring results did not indicate any exceedances of the relevant thresholds for any on-site activities, nor any significant changes from background concentrations during the physical excavation of the trial pit soils. This indicates that, under controlled conditions, the potential for fibre generation is relatively low.

Localised exceedances of the GAC for benzo(a)pyrene, lead, TPH and leachable bioavailable lead were encountered in shallow Made Ground soils.

The human health risk assessment highlighted potential risks to construction workers, future site users and adjacent site users but these are suitably mitigated with appropriate site health and safety management and the proposed land raising activities (subject to Local Authority approval).

Potential risks from groundwater impacts and ground gas sources have not been suitably assessed due to a lack of data and further ground investigation is recommended.

In relation to the risks identified during this phase of ground investigation the following elements of work are recommended:

- Liaison with Reading Borough Council Environmental Health department to discuss the findings of this phase of investigation and the following remediation strategy;
- Further delineation of asbestos-impacted soils within the Phase 5 site area;
- Installation and monitoring of groundwater/gas borehole standpipe (likely as part of additional ground investigation works on the Green Park Village site); and
- Production of an Asbestos Management Plan with details of the control measures required to mitigate the risks from the identified and potentially unexpected asbestos contamination on the Green Park Village site.

Please note that no consideration has been made within this report to classify any of the on-site soils in terms of waste. Should this be required, it can be provided at a later date.

10. Phase 5 Outline Remediation Strategy

The details of the Phase 5 outline remediation strategy are provided herein to support the design and satisfy the requirements of Part (2) of Condition 42 of Planning Permission ref 10/01461/OUT dated 13th July 2011 which states that:

> *Prior to the commencement of each phase of development approved by this planning permission (or such other date or stage in development as may be agreed in writing with the Local Planning Authority), the following components of a scheme to deal with the risks associated with contamination in relation to that phase of development shall each be submitted to and approved, in writing by the local planning authority:*
>
> 1. *A site investigation scheme, based on the Phase 1 desk top study to provide information for a detailed assessment of the risk to all receptors that may be affected, including those off-site.*
>
> 2. *The site investigation results and the detailed risk assessment and, based on these, and options appraisal and remediation strategy giving full details of the remediation measures required and how they are to be undertaken. The remediation measures shall include an implementation timetable and a remediation verification methodology. The remedial scheme must be carried out before the development commences unless otherwise agreed in writing by the local planning authority.*

The aims of this outline remediation strategy are to:

- Provide details of the additional ground investigation works required;
- Provide details of the risk mitigation measures required during the enabling works;
- Specify a plan for verifying the remedial works on site on completion of the ground works phase of the development; and
- Detail the site soil management measures at the site.

Specific Activities Required During Earthworks

This section provides the outline remediation strategy for development within Phase 5 as a whole. The initial stage of works in relation to the asbestos impacts identified in the western part of Phase 5 will include a period of earthworks to remove obstructions. This initial stage of works is required to facilitate the raising of ground levels for flood alleviation and to allow ground improvement works via vibro-stone columns to proceed without this risk of termination due to obstructions. The specific activities required during the earthworks stage are summarised below and should be read in conjunction with Figure 4 and the additional provided in the subsequent sections.

- At commencement of works a series of trial pits are to be undertaken (RTP21 to RTP28) to delineate the full extent of Made Ground area. Should asbestos impacts be more widespread additional trial pits will be excavated.

- All Made Ground within the eastern part of Phase 5 (as shown on Figure 4) will be excavated and sorted/separated into material suitable for re-compaction, oversize material suitable for crushing and unsuitable materials. Oversize materials shall be those exceeding 125mm in accordance with Table 6/2 of Specification for Highways Works Series 600. Note: as this work has the potential to generate air borne asbestos fibres suitable dust suppression **MUST** be used during these earthworks.

- Made Ground within the eastern part of Phase 5 (as shown on Figure 4) is to be turned over for obstruction/concrete clearance ahead of ground improvement works. Turnover will be undertaken to the full depth of Made Ground (~1.5 m below ground level). Note: as this work has the potential to generate air borne asbestos fibres suitable dust suppression **MUST** be used during these earthworks.

- Any obstructions encountered shall be excavated, removed and over-dug by a minimum of 500mm.

- Material suitable for backfill will be placed and compacted in accordance with Glanville Drawings 4160518-SK1202 to 4160518-SK1205 and the Ramboll Specification for Earthworks (2016). Note that a brightly coloured teram (or similar) membrane shall be laid across entire asbestos impacted Made Ground surface prior to filling.

- The earthworks in general, are required to be undertaken in accordance with Ramboll Green Park Village Specification for Earthworks (2016) with specific reference shall be made to:
    - Table 6/2 of Specification for Highways Works Series 600 as no materials >125mm are to be re-used as part of earthworks.
    - The method of compaction to be confirmed by the Contractor following additional geotechnical analysis (to be undertaken by the Contractor).

- Excavated concrete / obstructions are to be transported to stockpile holding area for visual inspection for asbestos ahead of crushing/sorting. Crushing activities to be undertaken in Earthworks Area.

- Clean service corridors are to be created in the centre of the main spine roads in Phase 5 as shown in Glanville Drawings 4160518-SK1204 and 4160518-SK1205.

  Following earthworks and filling in accordance with the Environmental Permit the finished ground surface will be in accordance with Glanville Drawings 4160518-SK1202 and 4160518-SK1203.

- All works shall be undertaken in strict accordance with Ramboll Asbestos Management Plan (2016) under controlled conditions.

Roles and responsibilities

The Contractor will be required to develop this outline Remediation Strategy to produce detailed protocols and management plans, including method statements for the works to be undertaken defining how potentially contaminated soils will be managed and handled onsite and how the associated environmental risks will be managed.

An Asbestos Management Plan is to be provided by Ramboll to assist the contractor with regard to site specific controls and protocols required for working with the impacted asbestos soils.

The details of these protocols will need to be agreed with the Regulators at Reading Borough Council and the Environment Agency before works commence at the site, and confirmation of this approval by the Regulator shall form part of the Verification Report which will need to be prepared on completion of the ground works.

During the site works the Contractor will be responsible for obtaining and maintaining a record of information required for the Verification Report. The Contractor will need to provide a copy of these records on completion of the ground works to the Engineer and deal with any queries arising during the verification process.

General Site Environmental Controls

An outline of the expectations of the Contractor, in order to ensure environmental compliance throughout the enabling and remedial works is provided in Appendix E. The Contractor should adhere to the general guidance provided as part of this strategy and should undertake works in an environmentally sound manner, in accordance with industry best practice.

Site specific controls regarding asbestos contamination are to be provided under separate cover as part of an Asbestos Management Plan.

Site Clearance *and Removal Works*

The Phase 5 site area is understood to be clear of existing above ground structures however as part of the site clearance works, areas of vegetation (including potential for invasive species) and surface waste materials may be present, as such the Contractor is responsible for the removal of these. Additional testing may require to appropriate classify these materials.

As part of the site clearance, the Contractor will be responsible for the removal of vegetation and any fly-tipped material at the site. Ramboll understand that the Contractor is required to commence site enabling works on the 16th August which comprises obstruction clearance works within the onsite Made Ground soil areas inclusive of dust suppression. Works are also intended to create clean corridor working areas and will comprise localised excavation below and 2m wide

within the centre of the new proposed roadways. Site works are provisionally programmed to last for approximately 2No. weeks.

Due to the historical industrial nature of the site there is the potential that the enabling works may encounter limited subsurface structures, underground bulk storage tanks, cesspits, foundations, ductwork, interceptors, sumps and pipework *etc.* These structures have the potential to contain potentially contaminative solids and liquids and where encountered they should be assessed by competent persons prior to their penetration and removal. Should contaminative materials be present in these structures, or in the soils immediately surrounding them, the structures and surrounding soils should be dealt with in accordance with the unforeseen contamination protocol described in below.

Any encountered structures or obstructions should be removed and segregated for recycling, with excavations over-dug by a minimum to 500mm to ensure the area is clear.

Unforeseen Contamination Protocol

The Contractor shall be required to provide a method statement relating to any unexpected areas of contamination encountered during demolition and/or earthworks.

Potentially contaminated materials are those which via visual or olfactory evidence may be suspected to be contaminated (*i.e.,* the presence of staining, odours or deleterious materials).

The unforeseen contamination protocol is likely to include:

- The Contractor stopping work in that area and immediately informing St Edward Homes Ltd or their representative and Ramboll to discuss the proposed action;
- The Contractor liaising with the statutory authorities including the EA and Reading Borough Council to agree proposals for dealing with this material;
- The implementation of measures to remove contaminated materials (where feasible) for segregation, storage or stockpiling (of soils) within a bunded and polythene covered area whilst testing is undertaken. Contaminated liquids should be stored in suitable containers;
- A record should be made of the volume of material removed and the location and extent of any required excavation;
- The full extent of the contaminated material must be excavated (with a minimum 0.5m overdig) and furthermore validated by a suitably qualified engineer;
- Undertake laboratory testing of representative samples from the base and sides of the excavation (minimum of 1 sample per 25m^3) and testing of the material for a suitable suite of contaminants. The suite and chemical criteria for verification are to be defined in consultation with Ramboll and the regulatory authorises based on the nature of the contamination encountered;
- If the material fails comparison against the re-use thresholds this material should be excluded from the re-use strategy and alternative scenarios should be sought for re-use.

The last option should be disposal off-site in accordance with current waste regulations. Records including laboratory analytical certificates, waste transfer notes, consignment notes and volumes requiring removal should be retained by the Contractor; and

- If the material passes comparison with re-use thresholds (and is geo-technically suitable), the contactor should determine and record the location for placement of the material.

It will be necessary to retain all records relating to testing, quantity, depth and location of the material identified. Where such material is re-used, it will be necessary to demonstrate suitability through appropriate chemical testing and to retain records on where this material was placed.

If this material is removed off-site, then in addition to records on the source area outlined above, it will also be necessary to retain Duty of Care records relating to waste transfer notes, quantities and the receiving site.

Asbestos Management Procedures

Site specific protocols for dealing with unforeseen asbestos contamination are to be provided under separate cover as part of a site specific Asbestos Management Plan.

Clean Service Corridors

As part of the site enabling workings clean corridor working areas are to be created in the locations of the proposed roadways. In these locations material will be excavated to 1.5m below sewer invert level and to a width of 2m in the centre of the proposed roadways. Following this a brightly coloured membrane separator is to be placed to the base and sides of the corridor and filled with material compliant with the environment permit as described above. The location of clean corridor and depth of excavation required is shown on Glanville Drawings 4160518-SK1204 and 4160518-SK1205.

Re-Use Of Material On-Site

Ramboll understand that reuse of soils will be undertaken within the Phase 5 site area in accordance with the CL:AIRE Waste Code of Practice. This will be limited to incorporation of Made Ground in basal layers of land raise at depth of greater than 1mbgl following re-profiling of existing ground surface (shown in Drawings 4160518-SK1204 and 4160518-SK1205.) in advance of filling works and construction of the roadways/drainage.

From the limited testing undertaken to date the site soils are generally considered only to be suitable to be placed beneath the land raise or at a depth greater than 1m (whichever is deeper), considering that the soils used within the land raise will be inert and suitable for use in accordance with the requirements of the Environmental Permit. Filling activities should be

completed in accordance with the levels shown on Drawings 4160518-SK1202 and 4160518-SK1203.

Should the material be considered for use elsewhere then additional environmental testing, analysis and protocols are applicable. Details of which can be supplied upon required

All material movements must be undertaken in accordance with a Material Management Plan which Ramboll understand is to be produced by an external party.

Any re-used materials should be placed in accordance with the Ramboll Specification for Earthworks (Ramboll, 2016). This will involve the contractor undertaking geotechnical testing to determine the appropriate compaction methodology.

Should waste materials require disposal to landfill, documentary evidence of the soil types and relevant soil testing data should be provided to the landfill operator in order to determine acceptance at the landfill and associated costs. Waste handling and disposal must be undertaken in such a way as to be compliant with all relevant Waste Management and Duty of Care regulations. It will also be necessary to retain records relating to waste transfer notes or consignment notes, quantities and the receiving site with supporting chemical data. These records will need to be kept on site within a designated file, and made available for the inclusion within a validation report once the ground-works at the site are complete.

Material Import, Cover Systems, Soft Landscaping and Planting

Soil imported to the site for the flood alleviation land raise and for use within the clean corridors is to be undertaken under a waste recovery environmental permit ref EPR DB3206HL and the suitability for use as inert waste will be demonstrated in accordance with the Ramboll Specification for Earthworks (Ramboll, 2015) which forms part of that application.

Any material over and above this imported to the site for use within the cover system in private gardens and soft landscaped areas) shall be analysed chemically to ensure it is suitable for use (it will be necessary to determine that the material is also geotechnically suitable, however, geotechnical considerations are outside of the scope of this document). This should be undertaken prior to bringing any such material onto the site. The following sampling frequency is required:

- Natural source of topsoil/subsoil: one sample per 250m^3 where the soils are from a natural source with a minimum of three samples required; and
- Recycled or manufactured topsoil, or where the source of the soil is unknown, a sampling frequency of one sample per 100m^3.

It will be necessary to ensure imported materials do not exceed the relevant assessment criteria, which are provided in Tables 6 to 9 of Appendix 6/15 of the Ramboll Specification for Earthworks (Ramboll, 2015).

If topsoil is imported this should be free from asbestos, metals, plastic, wood, glass, tarmac, paper and odours associated with contaminated soils and comply with the requirements of BS 3882:2015 – Specification for topsoil and requirements for use.

All chemical testing shall be undertaken at an appropriately accredited laboratory (UKAS, with testing undertaken to MCERTS standards where relevant).

The use of chemical testing results provided solely by the supplier to determine suitability would not be considered acceptable. If chemical test results exceed the assessment criteria then the frequency of testing shall be increased as required to determine the reasons for the exceedances and confirm that the materials are suitable for use or an alternative source used.

Documentation on the source, quantity and testing results shall be retained onsite for inspection and subsequent inclusion in the Verification Report. The Contractor shall retain records on the location, depth of excavations and how/where any imported material is placed.

All topsoil/subsoil should be placed to a minimum depth of 500mm within private gardens and 300mm in soft landscaping areas, separated from the ground below by a geotextile marker layer which cannot be easily penetrated during digging activities for planting and gardening.

Following initial discussions with Reading Borough Council Environmental Health Department the cover system will comprise a minimum thickness of 1m which will include the topsoil/subsoil requirements outlined above A brightly coloured teram (or similar) marker layer will be laid on the excavated surface prior to filling under the Environmental Permit. Material used in addition to topsoil/subsoil will be that imported under the environmental permit. As part of an initial agreement in principal there is no requirement for a hard "no dig" layer (see Appendix F).

Waste Management and Stockpiles

In the event that any unsuitable material is identified (that cannot be treated for re-use) or there is a surplus of material during the course of the site demolition and enabling works, all material for off-site disposal would be considered to be waste.

The Contractor shall be responsible for obtaining any necessary licenses or exemptions with respect to the generation, storage, treatment/sorting and removal from site of waste materials. The Contractor will need to provide testing results to the waste receiving facility or waste contractor to determine waste acceptance protocols and disposal costs. Depending on the nature and quantity of materials to be disposed of, additional testing may be found to be necessary prior to disposing of waste.

Any unsuitable excavated materials to be disposed of should be segregated and stored separately according to their type. Soils which appear to be contaminated should be separated from other Made Ground, non-contaminated natural soils and demolition material.

Soils that are surplus to requirements must be removed off-site to an appropriately licensed facility under appropriate Duty of Care, including the use of approved waste carriers and the maintaining of documentary records (*e.g.* consignment notes) of waste movements.

Stockpiled soils should be placed upon an impermeable membrane, and covered with impermeable sheeting. This is to reduce risks of transmitting contaminated material via wind-blown dusts or via leaching. The stockpiles will need to be designed to contain any leachate, should this seep to the bottom of the stockpile, and as such, it may be necessary for a bund to be created around the perimeter of the stockpile prior to placing the impermeable base membrane.

Separate, clearly marked and identifiable stockpiles shall be created for clean materials passing re-use thresholds, quarantined materials for testing and materials destined for landfill.

Allowance may need to be made for space on site to stockpile waste materials prior to their disposal for analysis and classification.

Site specific protocols for dealing with asbestos contamination are to be provided under separate cover as part of an asbestos management plan.

Additional Ground Investigation

The following outline items are recommended to be undertaken to fully assess the outstanding potential risks present on the Phase 5 site area:

At the onset of earthworks the following are required to further delineate the works are:

- Additional shallow trail pitting north of RTP720, RTP721 and RTP722 to delineate the extent of potential asbestos contaminated soils; and
- Additional shallow trial pitting to the east of RTP719 and RTP712 to delineate the extent of potential asbestos contaminated soils;

Further to this, and in order to close out the geoenvironmental investigation across Phase 5 as a whole, the following are required to be undertaken. Note that these works will be undertaken at a later date following filling activities within the Phase.

- Installation of a series ground gas monitoring standpipes in selected locations and a minimum of 4No rounds of monitoring to characterise the gas risks; and

- Installation of a series of ground water monitoring standpipes in selected locations and a minimum of 2No rounds of monitoring and sampling to characterise any potential groundwater impacts.

Groundwater and Surface Water Management

Where groundwater is encountered during earthworks it may be necessary to obtain a licence from the Environment Agency to undertake any de-watering activities, should quantities of water removed be greater than 20m^3 per day.

Should either groundwater or perched water be identified as contaminated from visual/olfactory assessment, the contractor should follow the unforeseen contamination protocol.

Whilst not anticipated, should waters be impacted by free phase hydrocarbons, they should be treated with absorbent materials or a surface skimmer pump. If impacts are encountered to be more extensive then alternative methods such as an oil water separator or similar may be preferable.

Any impacted waters should be stored in a controlled manner for subsequent testing and characterisation prior to disposal.

Should disposal to surface water or public sewer be deemed appropriate, the contractor will be responsible for any pre-treatment, additional sampling and monitoring. Any specific testing requirements will need to be agreed with the receiving site, the Environment Agency for discharges to surface water, or if to public sewer, with the local authority & water authority, prior to any disposal/discharge taking place.

Water accumulated at the surface must be prohibited from entering directly into the adjacent surface water bodies.

The Contractor shall ensure that any discharges are only made with the appropriate discharge consents. It is the Contractor's responsibility to obtain the required Environmental Permit from the Environment Agency and/or local water authority.

The Contractor shall ensure regular inspection of all discharge points and associated pipe work, drainage systems, collection ditches, lagoons, oil separator (and drip-trays) and watercourses to check that these are in good order. Observations will be reported within weekly site inspection records.

The Contractor shall comply with BS 6031:2009, Code of Practice regarding the general control of site drainage.

Foundation Works Risk Assessment

Where foundation works penetrate into the Secondary A Aquifers of the River Terrace Deposits and Lambeth Group or Principal Aquifer of the Chalk Formation a foundation works risk assessment is required to be prepared in accordance with Environment Agency's document 'Piling and penetrative ground improvement methods on land affected by contamination: Guidance on pollution prevention' ref. NC/99/73. This will be required to be submitted to the Environment Agency prior to works commencing.

Ground Gas Protection

Specific control measures regarding ground gas protection are likely to be required. The details of which will be supplied in an updated Remediation Strategy following receipt of the proposed ground gas monitoring data.

Buried Services and Construction Materials

New water supply pipes will require specification and installation in accordance with the requirements of the local Water Authority i.e. Thames Water. The Contractor shall ensure installed water supply pipes are in accordance with Thames Water requirements. This could include the use of appropriate water supply pipe materials.

11. Verification Plan

Planning Condition 42 Part (2) requires the production of a verification plan providing details of the data that will be collected in order to demonstrate that the works set out within this Remediation Strategy are complete and to identify any requirements for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action.

In order to meet these requirements, the Contractor shall be required to obtain all necessary information for Ramboll to complete a Verification Report, including (but not limited) to the following:

- Quantities of material imported to or re-used on site;
- Chemical testing results and information on any imported or re-used soils and plans showing where this material has been used;
- Chemical testing results and information on the source of any imported material or re-used soils and plans showing where this material has been used;
- Plan showing location of any additional samples obtained for testing along with any delineation of materials and quantities;
- Results of any additional chemical and WAC testing undertaken along with method of sample collection and transportation to laboratory, laboratory quality assurance and accreditation;

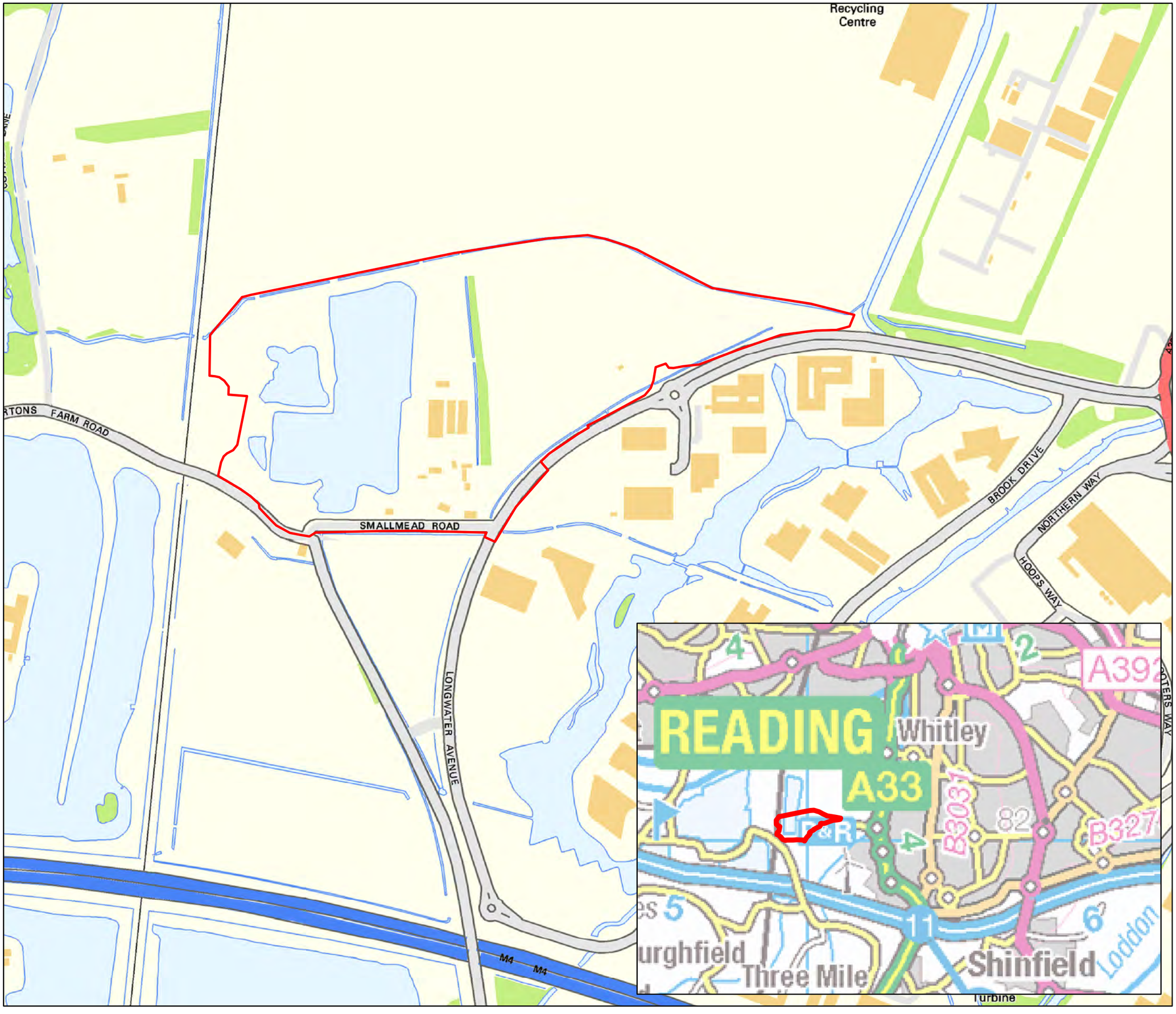
- Quantities of any material disposed off-site as waste classification and details of the receiving site/s and copies of all Waste Transfer Notes;
- Records of the asbestos management, dust control and vibration control measures employed;
- Records of the ground gas protection measures installed at the site (including inspection records and photographs) and independent verification in accordance with CIRIA C735;
- Details of any areas of unexpected contamination and the actions undertaken;
- Details of any water removed from excavations or surface water, including chemical testing results and details of where these were disposed of;
- Details and demonstration of any relevant permits or exemptions required by the Environment Agency for re-using material or importing material, particularly where there is the potential for material being considered waste; and
- Details on any protection measures installed for contamination and monitoring (if applicable) of such measures – in particular records will be required to confirm whether protection measures were required for contaminants present in excavations or water supply pipes following consultation with Thames Water.

On completion, the report should be submitted to the Local Planning Authority for approval. A copy of the Verification Report will need to be retained on-site within the health and safety file.

It is recommended that periodic site audits are conducted by Ramboll to ensure adequate site records and documentation is being maintained throughout the construction works. The purpose of which will be to monitor whether sufficient data collection is being collected for the purposes of completing the site Verification Report.

Appendix A - Exploratory Hole Logs
Appendix B - Lucion Environmental Ltd Records
Appendix C - i2 Analytical Services Ltd Soil Records.
Appendix D - Legislative Context and Ground Contamination Assessment Methodologies, Screening Sheet and GAC
Appendix E – General Site Environmental Controls

FIGURES



Site Boundary

1:5,000

1:50,000

N

Drawn at A3

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Client

St Edward Homes Ltd

Project Title

Green Park Village

Project Number

1620000492

Figure Title

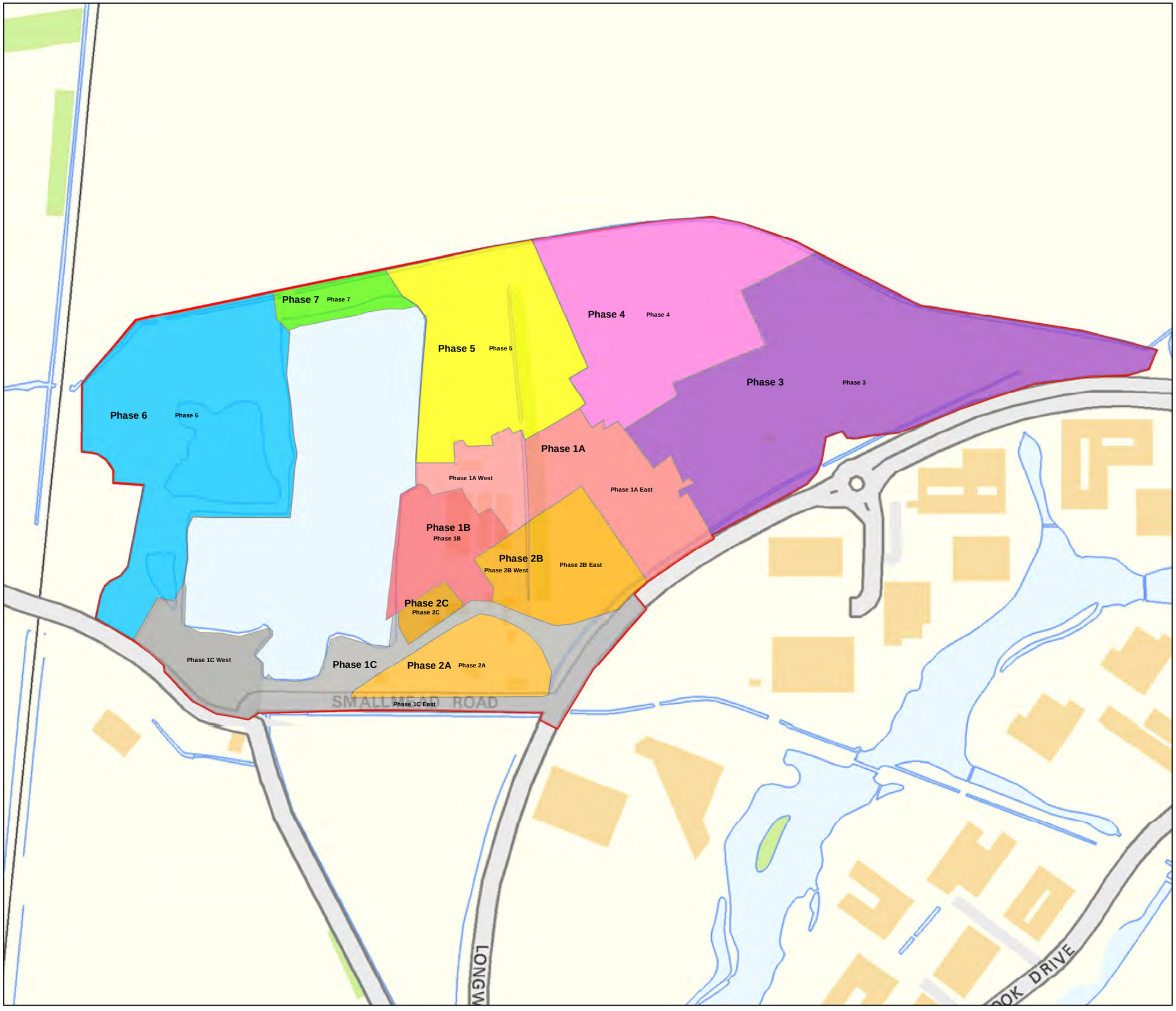
Site Location Plan

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Date	Prepared By
March 2016	BH
Figure No.	**Revision**
Figure 1	01



Site Boundary

Phase

- Phase 1A
- Phase 1B
- Phase 1C
- Phase 2A
- Phase 2B
- Phase 2C
- Phase 3
- Phase 4
- Phase 5
- Phase 6
- Phase 7

N

1:3,000

Drawn at A3

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Client

St Edward Homes Ltd

Project Title

Green Park Village

Project Number

1620000492

Figure Title

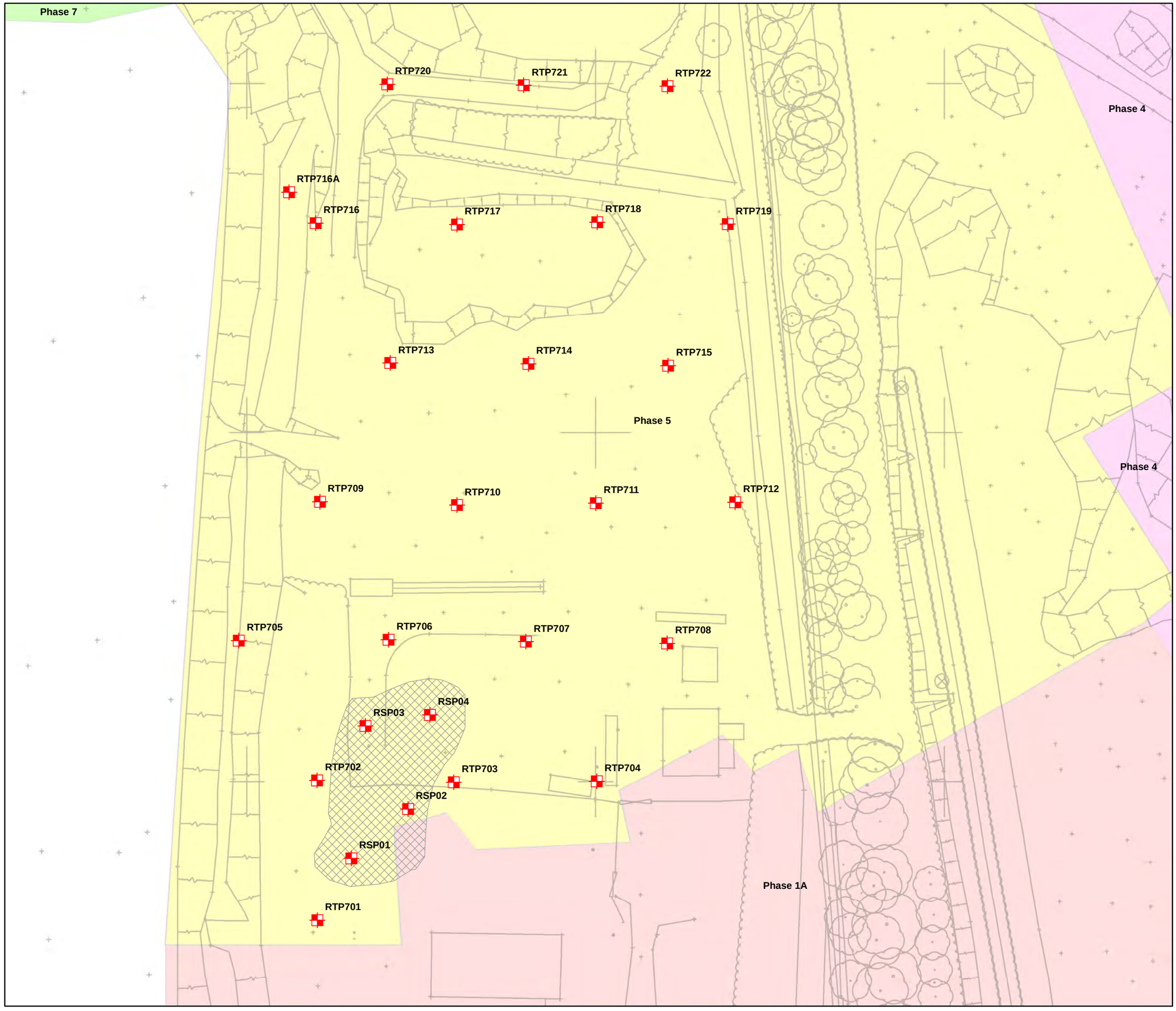
Phase Plan

RAMBOLL

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Date	Prepared By
March 2016	BH
Figure No.	**Revision**
Figure 2	01



- Trial Pit
- Asbestos Impacted Stockpile
- Phase 1A
- Phase 1B
- Phase 1C
- Phase 2A
- Phase 2B
- Phase 2C
- Phase 3
- Phase 4
- Phase 5
- Phase 6
- Phase 7

Notes

Locations are indicative and are to finalised onsite folllowing service clearance by Woolridge Ecotec.

Works to proceed under the watching brief of an asbestos specialist only.

Trial pit locations are based on a 20 m sampling grid. These are to be referred onsite based on oberservations during the site works.

Scale: 1:500

Drawn at A3

Baseplan adopted from BroadwayMalyanSite Layout Drawing PL-P1-002 rev P

N

Client

St Edward Homes Ltd

Project Title

Green Park Village

Project Number

1620000492

Figure Title

Phase 5 - Asbestos Ground Investigation Plan

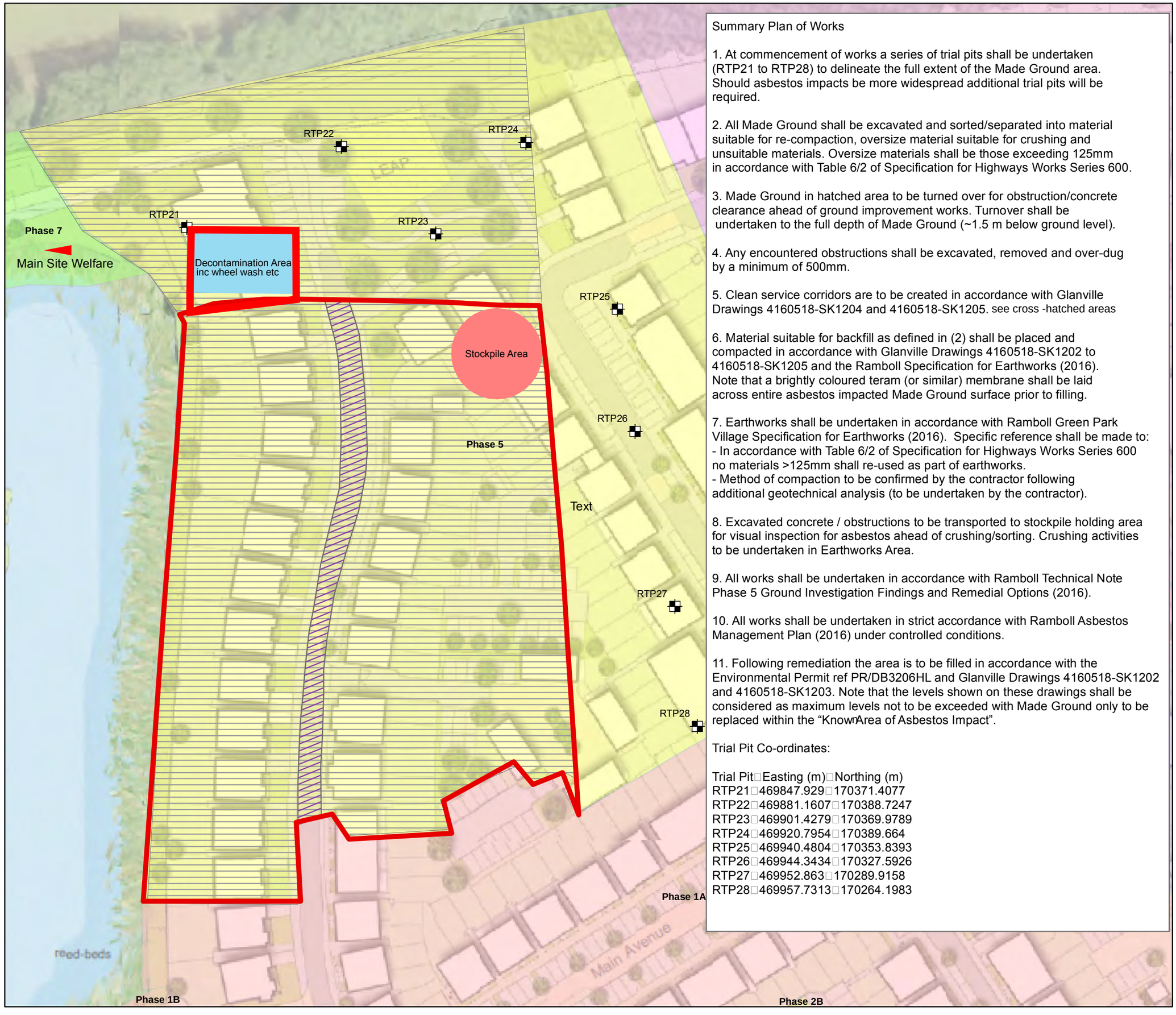
RAMBOLL

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Date	Prepared By
26/07/2016	BH
Figure No.	**Revision**
Figure 3	01



Summary Plan of Works

1. At commencement of works a series of trial pits shall be undertaken (RTP21 to RTP28) to delineate the full extent of the Made Ground area. Should asbestos impacts be more widespread additional trial pits will be required.

2. All Made Ground shall be excavated and sorted/separated into material suitable for re-compaction, oversize material suitable for crushing and unsuitable materials. Oversize materials shall be those exceeding 125mm in accordance with Table 6/2 of Specification for Highways Works Series 600.

3. Made Ground in hatched area to be turned over for obstruction/concrete clearance ahead of ground improvement works. Turnover shall be undertaken to the full depth of Made Ground (~1.5 m below ground level).

4. Any encountered obstructions shall be excavated, removed and over-dug by a minimum of 500mm.

5. Clean service corridors are to be created in accordance with Glanville Drawings 4160518-SK1204 and 4160518-SK1205. see cross -hatched areas

6. Material suitable for backfill as defined in (2) shall be placed and compacted in accordance with Glanville Drawings 4160518-SK1202 to 4160518-SK1205 and the Ramboll Specification for Earthworks (2016). Note that a brightly coloured teram (or similar) membrane shall be laid across entire asbestos impacted Made Ground surface prior to filling.

7. Earthworks shall be undertaken in accordance with Ramboll Green Park Village Specification for Earthworks (2016). Specific reference shall be made to:
- In accordance with Table 6/2 of Specification for Highways Works Series 600 no materials >125mm shall re-used as part of earthworks.
- Method of compaction to be confirmed by the contractor following additional geotechnical analysis (to be undertaken by the contractor).

8. Excavated concrete / obstructions to be transported to stockpile holding area for visual inspection for asbestos ahead of crushing/sorting. Crushing activities to be undertaken in Earthworks Area.

9. All works shall be undertaken in accordance with Ramboll Technical Note Phase 5 Ground Investigation Findings and Remedial Options (2016).

10. All works shall be undertaken in strict accordance with Ramboll Asbestos Management Plan (2016) under controlled conditions.

11. Following remediation the area is to be filled in accordance with the Environmental Permit ref PR/DB3206HL and Glanville Drawings 4160518-SK1202 and 4160518-SK1203. Note that the levels shown on these drawings shall be considered as maximum levels not to be exceeded with Made Ground only to be replaced within the “Known Area of Asbestos Impact”.

Trial Pit Co-ordinates:

Trial Pit	Easting (m)	Northing (m)
RTP21	469847.929	170371.4077
RTP22	469881.1607	170388.7247
RTP23	469901.4279	170369.9789
RTP24	469920.7954	170389.664
RTP25	469940.4804	170353.8393
RTP26	469944.3434	170327.5926
RTP27	469952.863	170289.9158
RTP28	469957.7313	170264.1983

Key

- Additional Deliniation Trial Pits
- Known Area of Asbestos Impact
- Clean Corridor Area
- Stockpile Holding Area
- Decontamination & Wheel Wash Area
- Proposed Area for Earthworks

Phase

- Phase 1A
- Phase 1B
- Phase 1C
- Phase 2A
- Phase 2B
- Phase 2C
- Phase 3
- Phase 4
- Phase 5
- Phase 6
- Phase 7

Scale: 1:750
Drawn at A3
Baseplan adopted from BroadwayMalyanSite Layout Drawing PL-P1-002 rev P

N

Client
St Edward Homes Ltd

Project Title
Green Park Village

Project Number
1620000492

Figure Title
Phase 5 - Earthworks Plan

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Date	Prepared By
08/08/2016	TS
Figure No.	**Revision**
Figure 4	01



LANDSCAPING SHOWN IS INDICATIVE
SEE 'PLACE' LANDSCAPE PROPOSALS FOR DETAILS

Contractors are not to scale dimensions from this drawing

The internal layouts within apartments will be subject to design development.
The precise location of walls and internal doors and the detailed layout of bathroom and kitchen areas will be subject of non-material changes and may vary from the internal layouts set out in these plans.
These minor alterations will not affect the poition and arrangement fo external doors and windows nor will they affect the relative relationship between habitable rooms and windows.

The survey information shown on this drawing is based on a topographical survey prepared by a third party and Broadway Malyan Limited accept no responsibility for the accuracy or completeness of the survey.

No	Description	Drawn	Chkd	Appd	Date
P-	Issued for Planning Application	DC	CL	CL	03-08-10

BroadwayMalyan BM
Architecture Urbanism Design

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Client
St.Edward Homes

Project
Green Park Village

Description
Illustrative masterplan

Status
PLANNING APPLICATION

Scale	Drawn	Date
1:1000@A0	dc	May 2010
Job number	Drawing number	Revision
27429	PL-MPL-005	P-

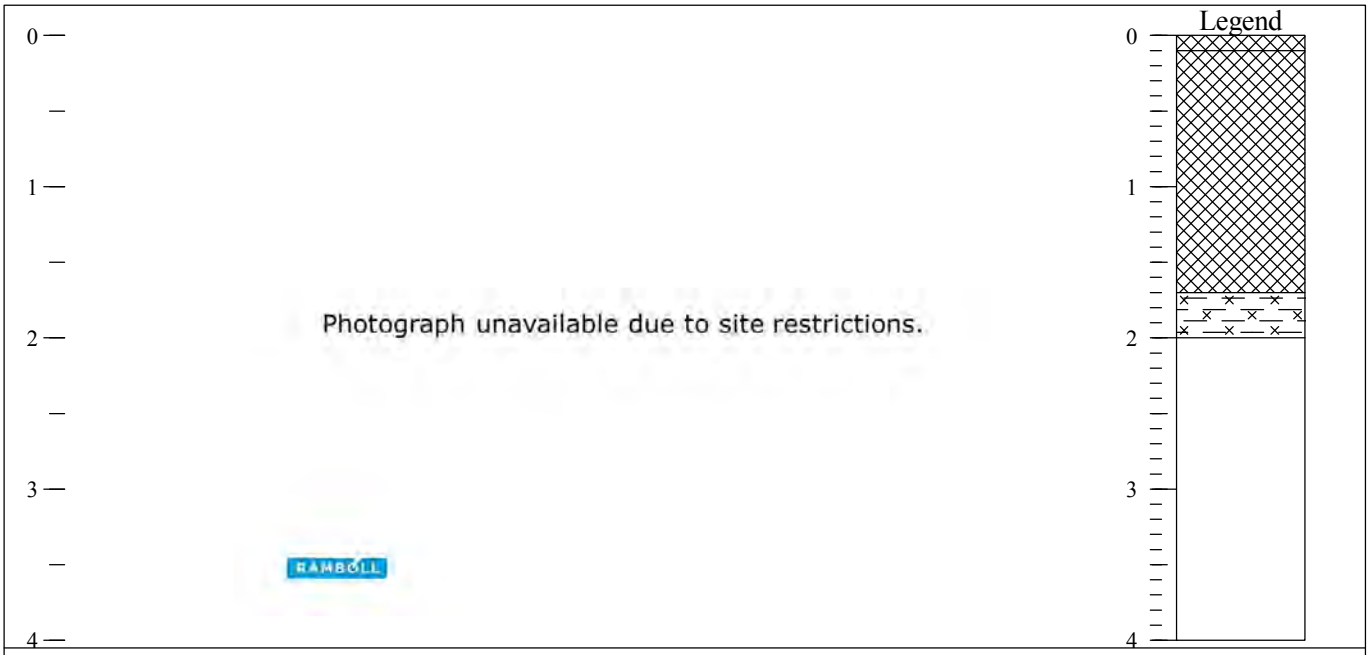
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APPENDIX A – EXPLORATORY HOLE LOGS

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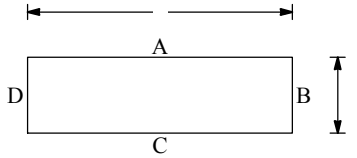
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP701**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	05-07-16 05-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.10 0.10-1.70		MADE GROUND. Brown sandy gravelly CLAY. Gravel of brick [LAND RISE]. MADE GROUND. Dark grey sandy GRAVEL of brick, glass ceramics, metal and occasional cement ACM.	1.40	ES	
1.70-2.00		Dark grey silty CLAY [ALLUVIUM].	1.80	ES	
2.00		Trial pit completed at 2.0mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

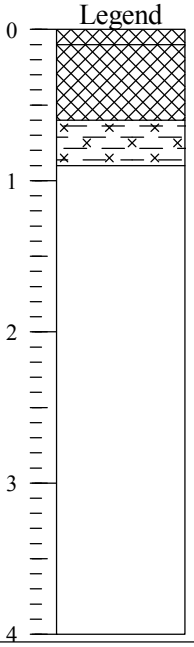
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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TRIAL PIT LOG

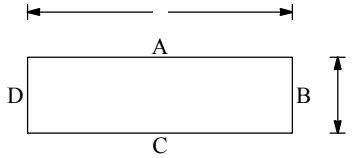
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Green Park Village - Phase 5 (Asbestos Works]				**RTP702**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	05-07-16 05-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.10 0.10-0.60		MADE GROUND. Grey sandy GRAVEL of brick, concrete and [Need Frequency] cement ACM.	0.00 0.10	ES ES	
		MADE GROUND. Grey sandy GRAVEL of brick, concrete, cobbles, polystyrene, metal and [need frequency] cement ACM.			
0.60-0.90		Dark grey silty CLAY [ALLUVIUM].	0.70	ES	
0.90		Trial pit completed at 0.9mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

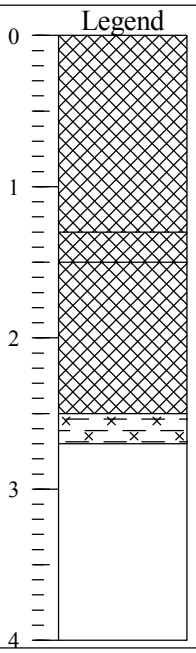
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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TRIAL PIT LOG

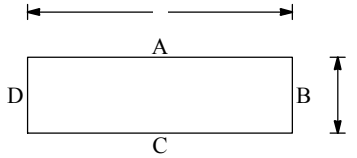
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Green Park Village - Phase 5 (Asbestos Works]				**RTP703**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	05-07-16 05-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.30		MADE GROUND. Brown sandy CLAY [LAND RISE]			
1.30-1.50		MADE GROUND. CONCRETE slab.			
1.50-2.50		MADE GROUND. Grey sandy GRAVEL of brick, concrete and occasional cement ACM. At 2.0mbgl 2No. Large curb stones.	1.70 2.10	ES ES	
2.50-2.70		Grey silty CLAY [ALLUVIUM].	2.60	ES	
2.70		Trial pit completed at 2.7mbgl and backfilled with arisings.			

Shoring/Support:
Stability:



N

GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

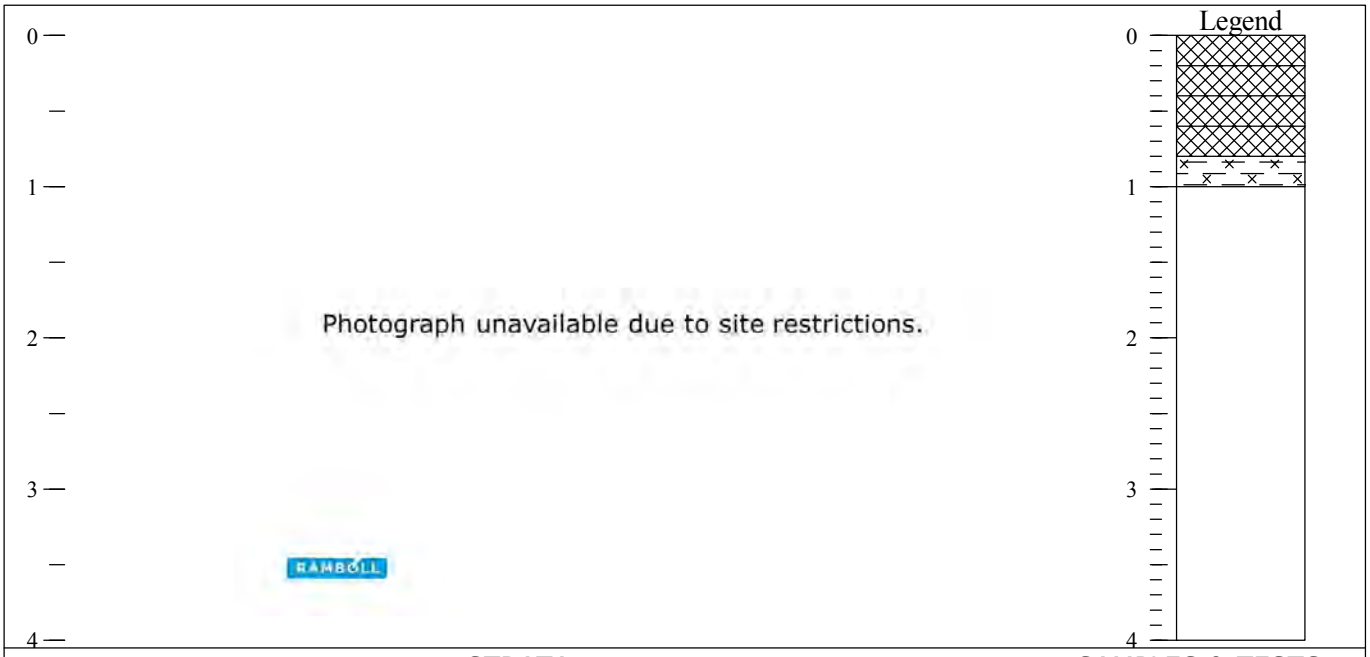
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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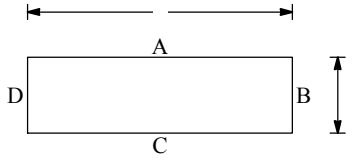
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP704**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	06-07-16 06-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.20		MADE GROUND. Brown silty CLAY [LAND RISE].			
0.20-0.40		MADE GROUND. Brown silty sandy GRAVEL of brick, concrete, flint and glass.			
0.40-0.60		MADE GROUND. CONCRETE slab.	0.30	ES	
0.60-0.80		MADE GROUND. Brown to grey silty sandy GRAVEL of concrete, brick and metal fragments.	0.60	ES	
0.80-1.00		Frequent cements ACMs.	0.80	ES	
1.00		Dark grey silty CLAY [ALLUVIUM].			
		Trial pit completed at 1.0mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

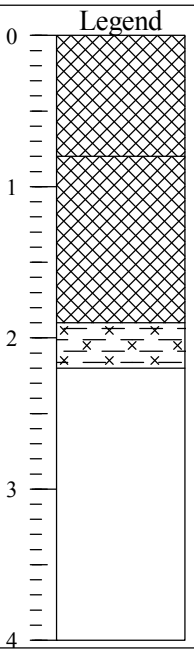
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TRIAL PIT LOG

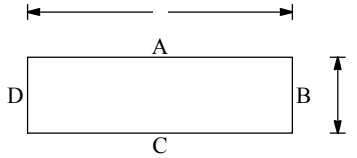
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP705**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	05-07-16 05-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		MADE GROUND. Brown CLAY [LAND RISE].			
0.80-1.90		MADE GROUND. Brown slightly gravely silty CLAY. Gravel of flint and occasional brick. At 0.9mbgl 1No. fragment of cement ACM.	1.00	ES	
1.90-2.20		Brown silty CLAY [ALLUVIUM].			
2.20		Trial pit completed at 2.2mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

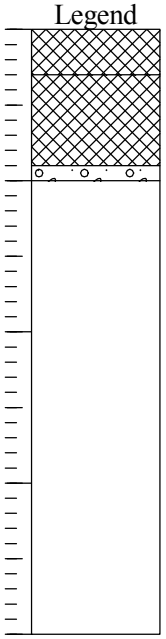
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TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP706**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	05-07-16 05-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



Legend

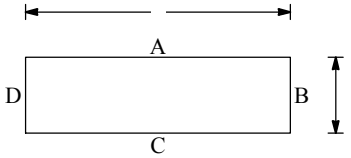


STRATA

SAMPLES & TESTS

Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		MADE GROUND. Brownish red sandy silty GRAVEL of brick and concrete.	0.10	ES	
0.30-0.90		MADE GROUND. Dark grey slightly clayey sandy GRAVEL of brick, concrete with frequent rebar. At 0.30mbgl 1No. fragment of cement ACM and 1No. 0.5mbgl 1No. fragment of degraded AIB (<5cm in length).	0.40	ES	
0.90-1.00		Grey Sandy GRAVEL [RIVER TERRACE DEPOSITS].			
1.00		Trial pit completed at 1.0mbgl and backfilled with arisings.	1.00	ES	

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

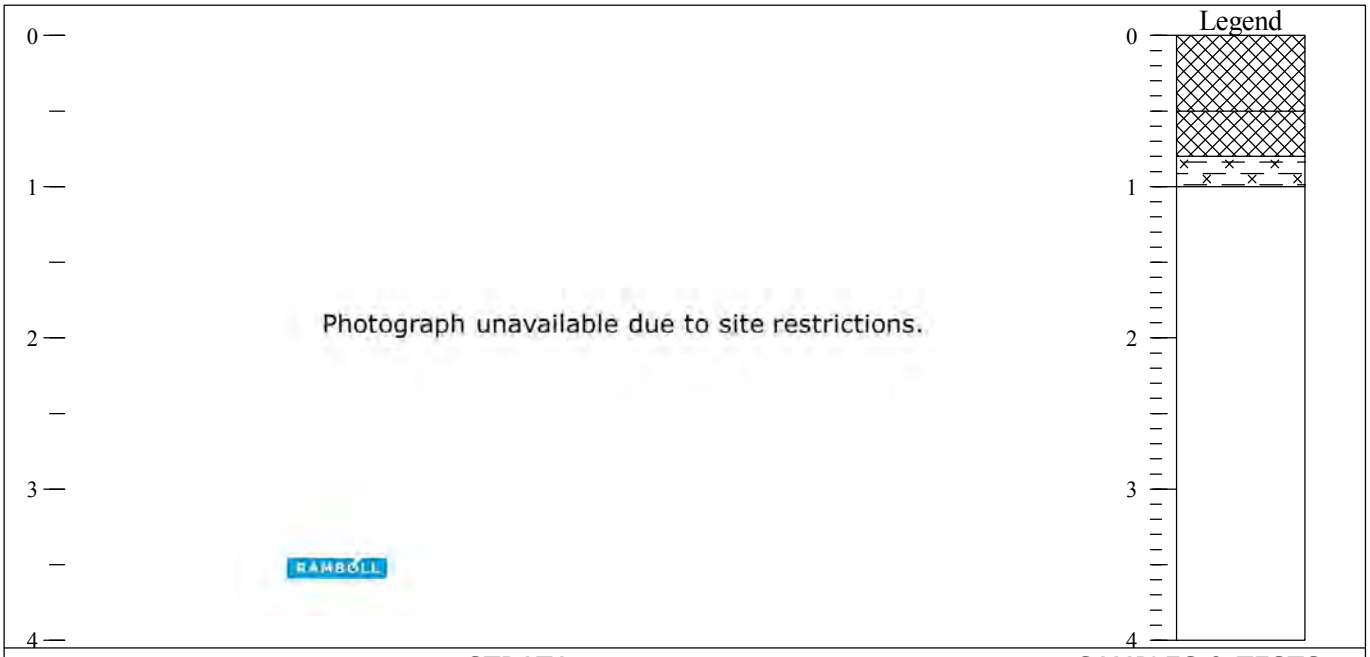
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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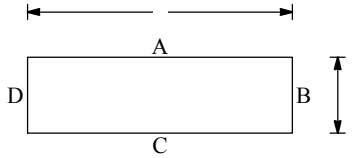
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP707**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	06-07-16 06-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		MADE GROUND. Grey sandy GRAVEL of brick, concrete and flint.	0.10	ES	
0.50-0.80		MADE GROUND . Silty sandy GRAVEL of brick, concrete, metal and wood.	0.60	ES	
0.80-1.00		Light grey gravelly silty CLAY [ALLUVIUM].	0.90	ES	
1.00		Trial pit completed at 1.0mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

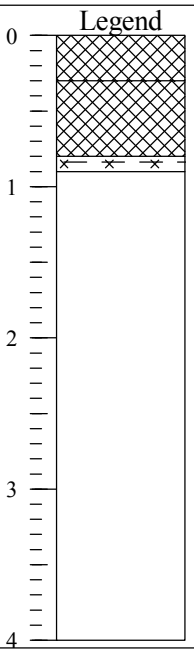
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TRIAL PIT LOG

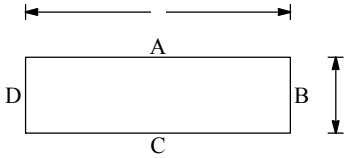
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Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	06-07-16 06-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		MADE GROUND. Brown silty sandy GRAVEL of brick, concrete and metal.	0.10	ES	
0.30-0.80		MADE GROUND. Brown silty sandy GRAVEL of brick, concrete and metal.	0.60	ES	
0.80-0.90		Grey silty CLAY [ALLUVIUM].			
0.90		Trial pit completed at 0.9mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

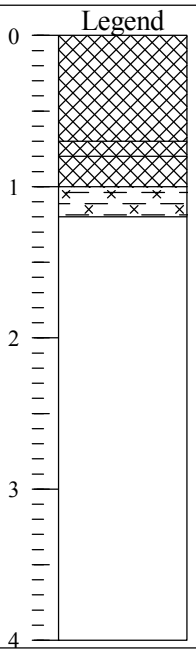
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21 The Calls, Leeds LS2 7EH, United Kingdom

TRIAL PIT LOG

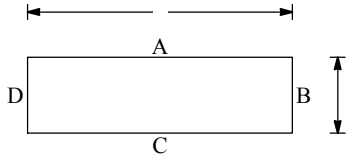
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP709**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	06-07-16 06-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.70		MADE GROUND. Brown soft silty GRAVEL of brick, concrete, flint, wood and tarmacadam.	0.10	ES	
			0.60	ES	
0.70-0.80		MADE GROUND. Light grey silty CLAY [REWORKED].			
0.80-1.00		MADE GROUND. CONCRETE slab.			
1.00-1.20		Grey silty CLAY [ALLUVIUM].			
1.20		Trial pit completed at 1.2mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

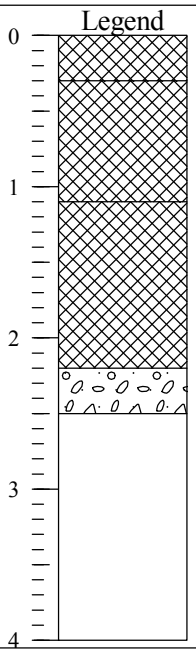
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

Ramboll Environ
3rd Floor, Halsbury House, Chancellor Court,
21 The Calls, Leeds LS2 7EH, United Kingdom

TRIAL PIT LOG

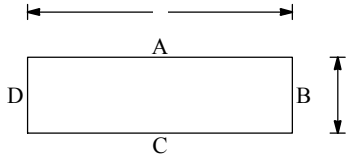
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP710**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	06-07-16 06-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		MADE GROUND. Grey sandy silty GRAVEL of brick, concrete, flint, wood and tarmacadam.	0.20	ES	
0.30-1.10		MADE GROUND. Grey sandy clayey GRAVEL of brick, concrete, metal, wood and glass.	0.60	ES	
1.10-2.20		MADE GROUND. Light grey to brown silty CLAY [SUSPECTED REWORKED ALLUVIUM].	1.20	ES	
2.20-2.50		Light grey silty sandy GRAVEL [RIVER TERRANCE DEPOSITS].			
2.50		Trial pit completed at 2.5mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

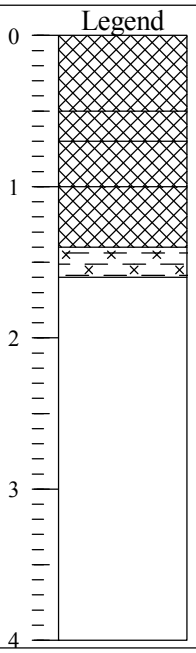
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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21 The Calls, Leeds LS2 7EH, United Kingdom

TRIAL PIT LOG

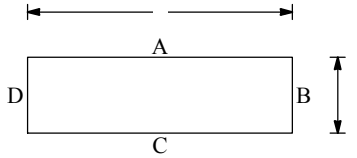
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP711**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	06-07-16 06-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		MADE GROUND. Brown sandy clayey GRAVEL of brick, concrete and plastic.	0.20	ES	
0.50-0.70		MADE GROUND. Grey sandy clayey GRAVEL of brick, concrete and ash, frequent cobbles of brick.	0.60	ES	
0.70-1.00		MADE GROUND. Drainage pipe encountered.			
1.00-1.40		MADE GROUND. Black sandy GRAVEL of brick, cobbles and wood. Hydrocarbon sheen on water (small volume) from drainage pipe. No free phase product.	1.10	ES	
1.40-1.60		Grey silty CLAY [ALLUVIUM].	1.50	ES	
1.60		Trial pit completed at 1.6mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

Hydrocarbon sheen noted on water following seepage from broken drainage pipe at 0.70mbgl.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

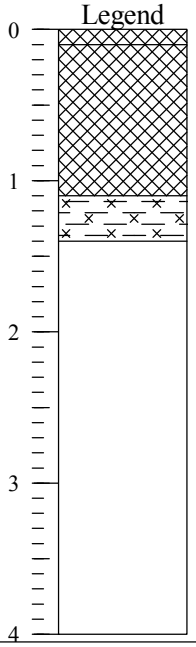
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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21 The Calls, Leeds LS2 7EH, United Kingdom

TRIAL PIT LOG

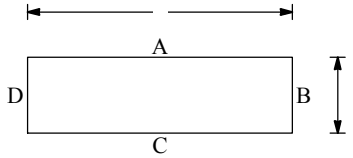
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP712**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.10		MADE GROUND. TARMACADAM			
0.10-1.10		MADE GROUND. Brown sandy silty GRAVEL of brick, concrete, ceramics and chalk.	0.10	ES	
			0.60	ES	
1.10-1.40		Dark Grey silty CLAY [ALLUVIUM].	1.20	ES	
1.40		Trial pit completed at 1.4mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

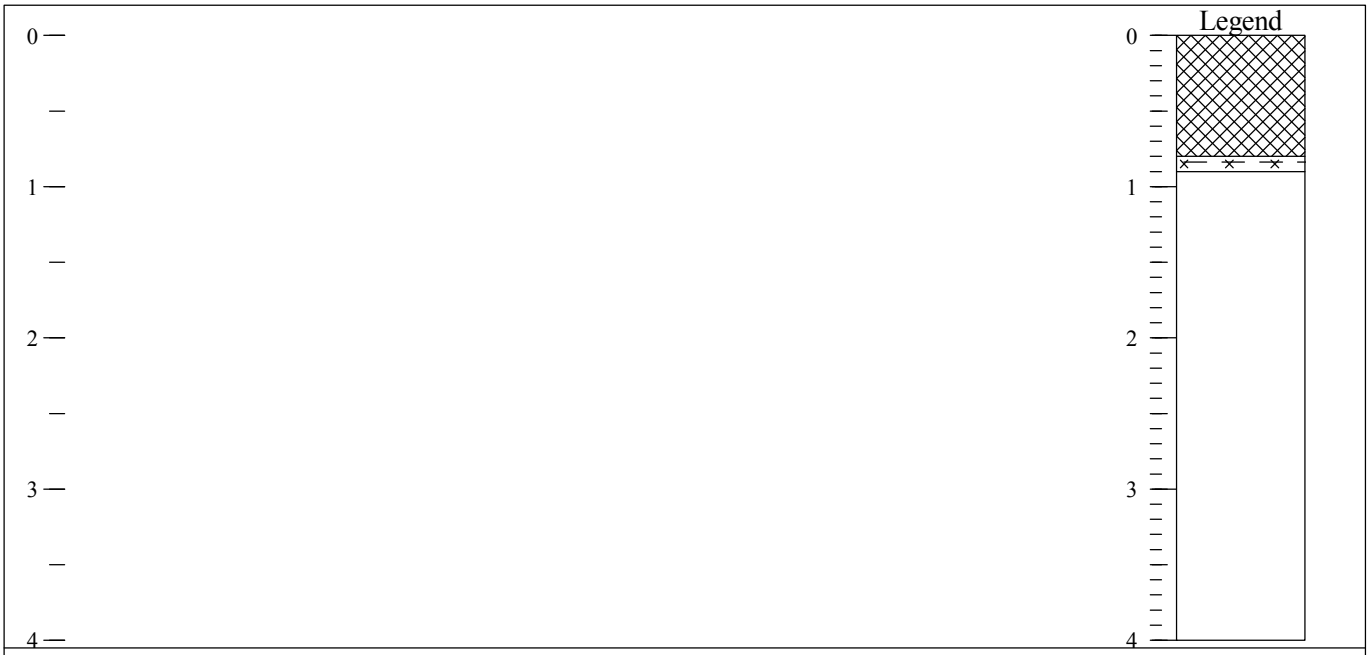
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP713**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1

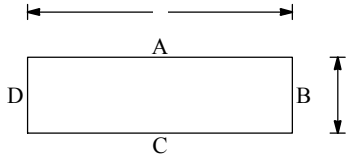


STRATA

SAMPLES & TESTS

Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		MADE GROUND. Grey Sandy GRAVEL of brick, concrete, plastic, wood and 1No fragment of cement ACM.	0.20	ES	
0.80-0.90		Light grey silty CLAY [ALLUVIUM].	0.70	ES	
0.90		Trial pit completed at 0.9mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

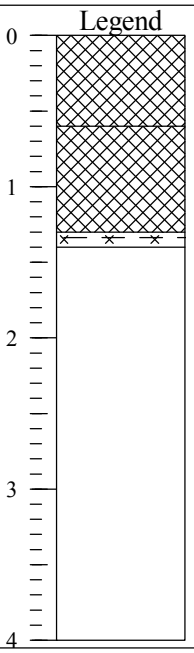
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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TRIAL PIT LOG

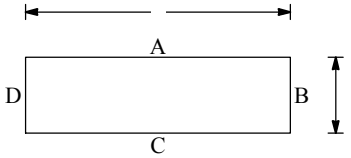
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP714**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.60		MADE GROUND. Brown sandy GRAVEL of brick, concrete and rubber.	0.10	ES	
0.60-1.30		MADE GROUND. Dark grey silty SAND with occasional fine brick gravel.	0.70	ES	
1.30-1.40		Grey silty CLAY [ALLUVIUM].			
1.40		Trial pit completed at 1.4mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

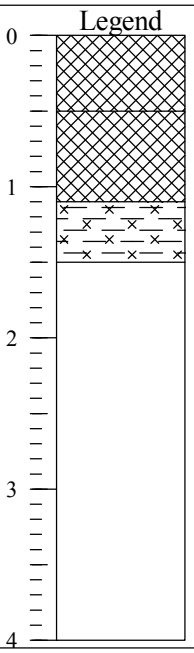
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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3rd Floor, Halsbury House, Chancellor Court,
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TRIAL PIT LOG

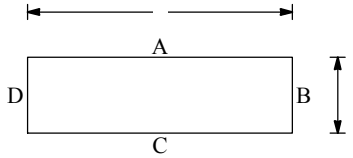
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP715**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		MADE GROUND. Grey sandy GRAVEL of brick and concrete.	0.10	ES	
0.50-1.10		MADE GROUND. GREY sandy GRAVEL of brick concrete, wood and brick cobbles. At 0.80mbgl frequent wood fragments.	0.60	ES	
1.10-1.50		Grey silty CLAY [ALLUVIUM].	1.30	ES	
1.50		Trial pit completed at 1.5mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

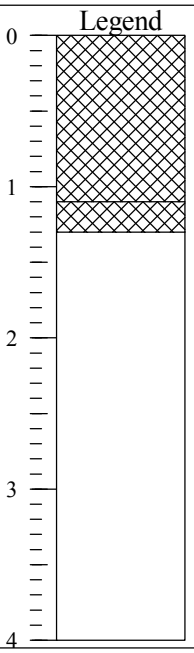
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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3rd Floor, Halsbury House, Chancellor Court,
21 The Calls, Leeds LS2 7EH, United Kingdom

TRIAL PIT LOG

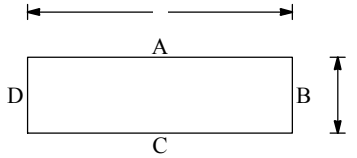
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP716**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.10		MADE GROUND. Slightly gravely silty CLAY. Gravel of brick and flint. At 0.2mbgl 1No. fragment of cement ACM. At 0.5mbgl frequent fragments of cement ACM in north and west pit faces.	0.20 0.50	ES ES	
1.10-1.30		Dark grey silty CLAY [ALLUVIUM]	1.20	ES	
1.30		Trial pit completed at 1.3mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

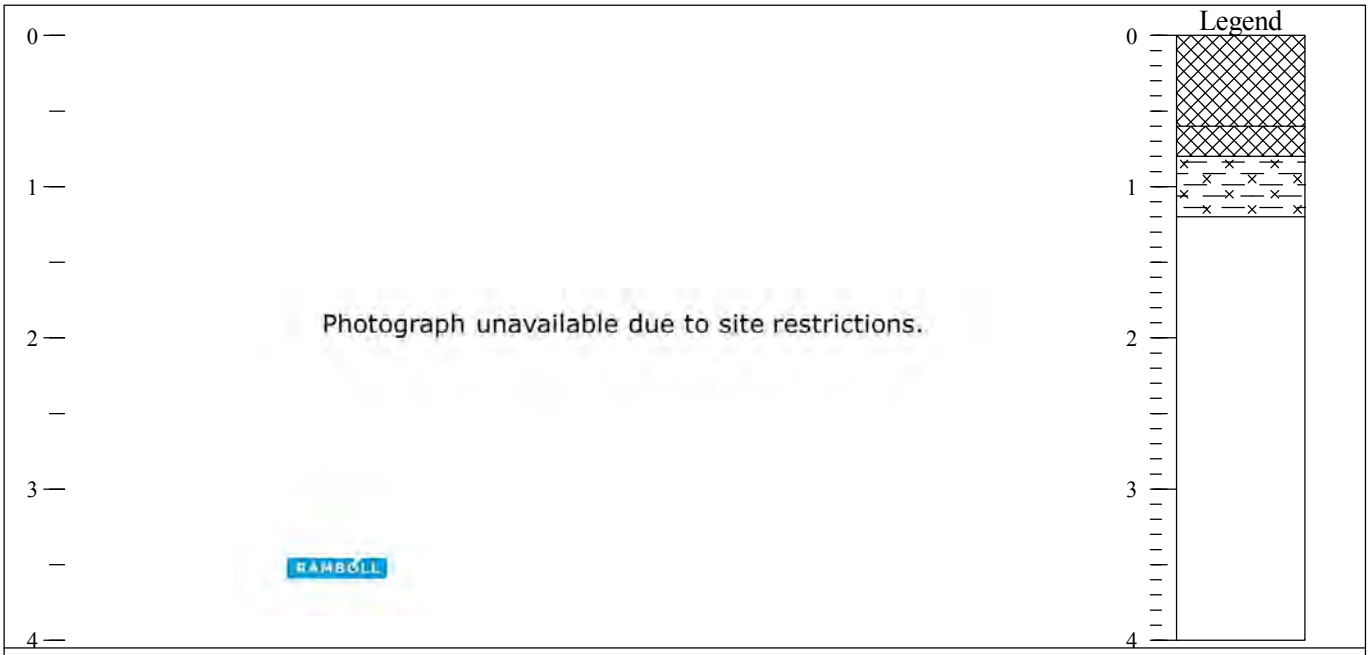
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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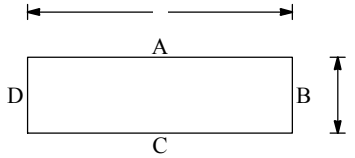
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP716A**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.60		MADE GROUND. Brown sandy gravelly CLAY. Gravel of brick and flint. At 1.0mbgl 1No. fragment of cement ACM.			
0.60-0.80		MADE GROUND. Brown sandy gravelly CLAY. Gavel of brick, flint and ash.			
0.80-1.20		Brown sandy gravelly CLAY. Gravel of flint [ALLUVIUM]. From 1.10mbgl becoming grey.			
1.20		Trial pit completed at 1.2mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

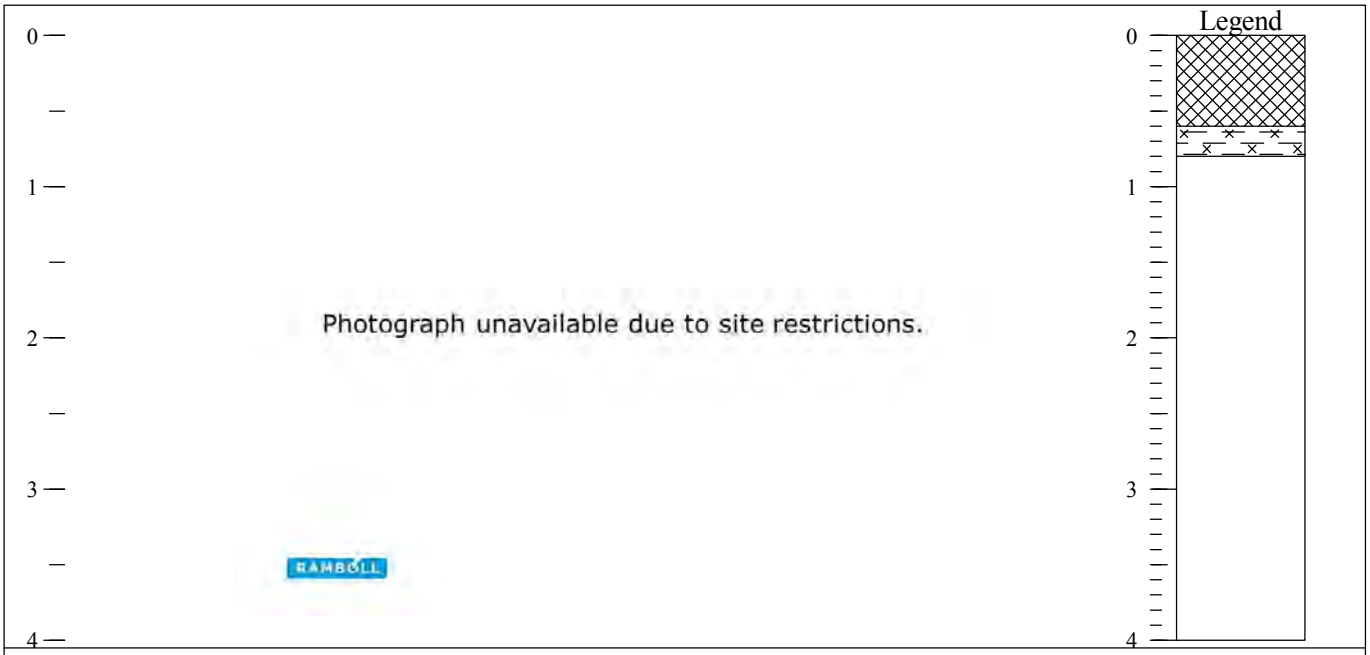
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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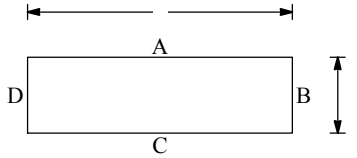
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP717**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.60		MADE GROUND. Brown clayey sandy GRAVEL of brick, concrete, breeze blocks and metal.	0.10	ES	
0.60-0.80		Brown silty CLAY [ALLUVIUM].	0.70	ES	
0.80		Trial pit completed at 0.8mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encountered.
Trial pit backfilled with arisings.

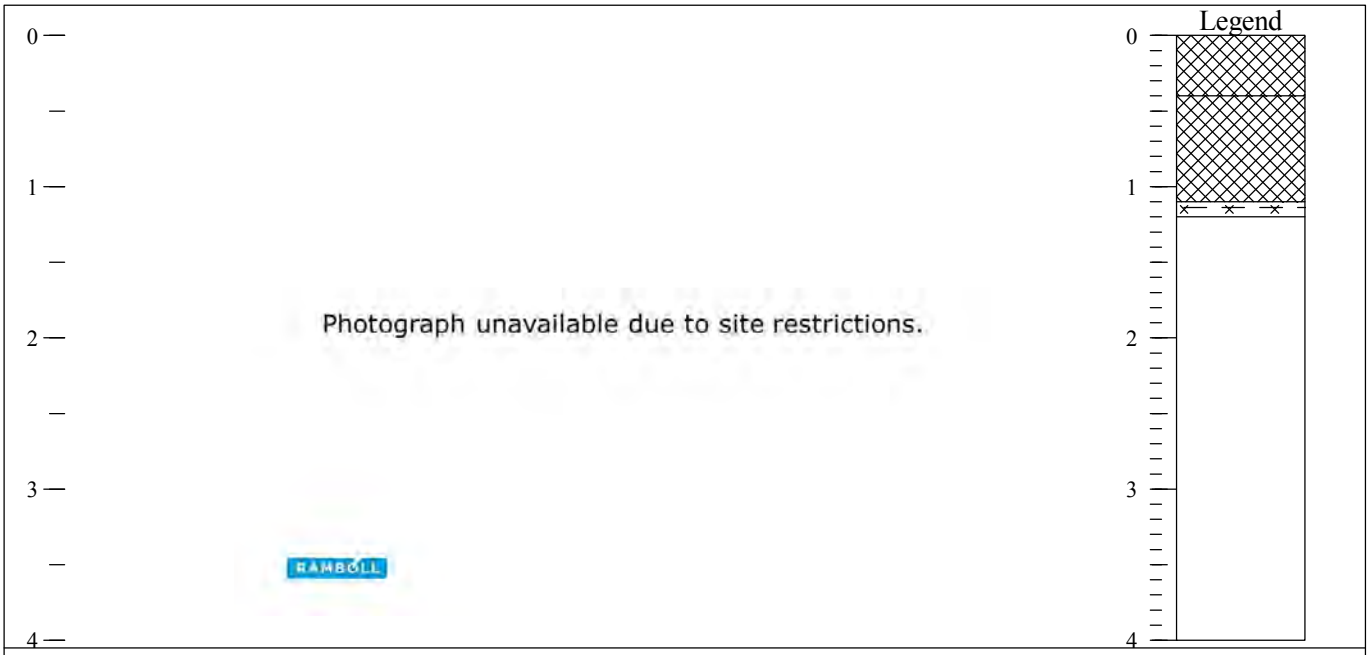
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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21 The Calls, Leeds LS2 7EH, United Kingdom

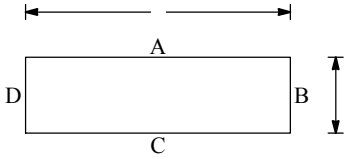
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP718**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.40		MADE GROUND. Dark grey sandy GRAVEL of brick, concrete, metal ,and occasional fragments of cement ACM.	0.10	ES	
0.40-1.10		MADE GROUND. Dark grey sandy GRAVEL of brick, concrete, and cobbles of brick.	0.60	ES	
1.10-1.20		Dark grey slightly gravelly silty CLAY [ALLUVIUM].			
1.20		Trial pit completed at 1.2mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded [excluding asbetsos - see log]. Groundwater was not encourted. Trial pit backfilled with arisings.

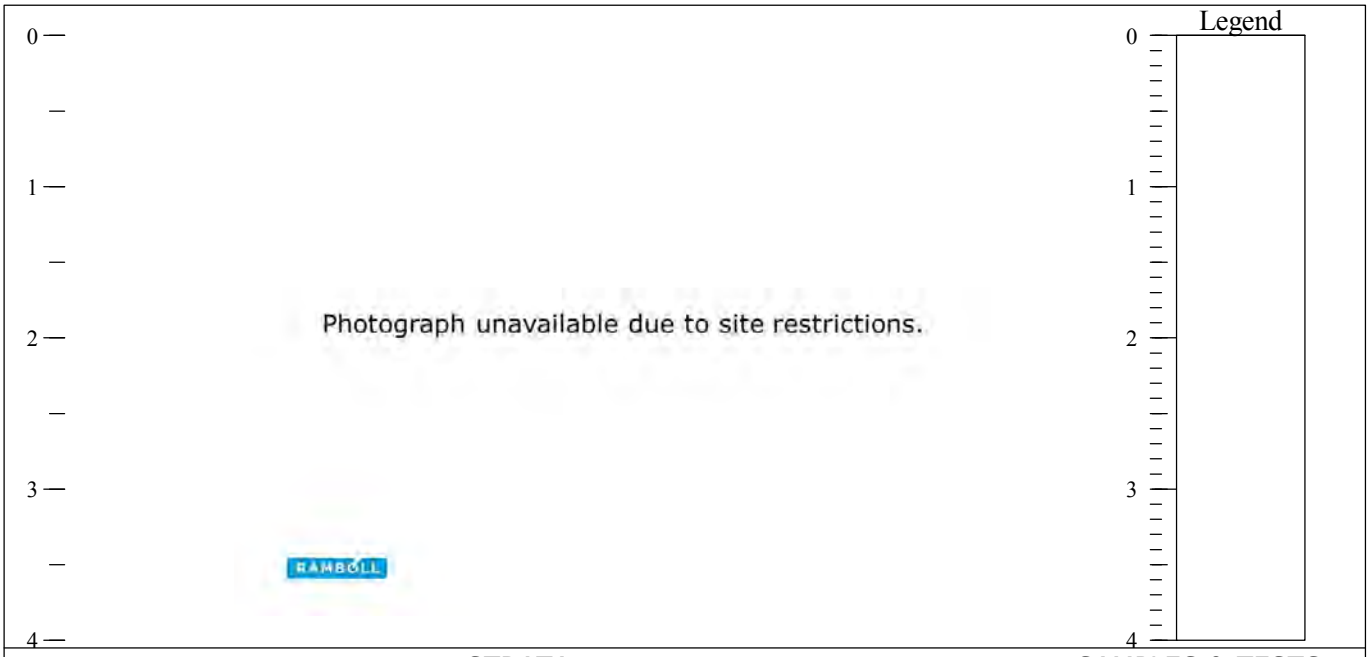
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

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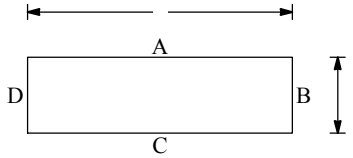
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP719**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492				
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.00		BOREHOLE NOT UNDERTAKEN			

Shoring/Support:
Stability:





GENERAL REMARKS

NOT COMPLETED

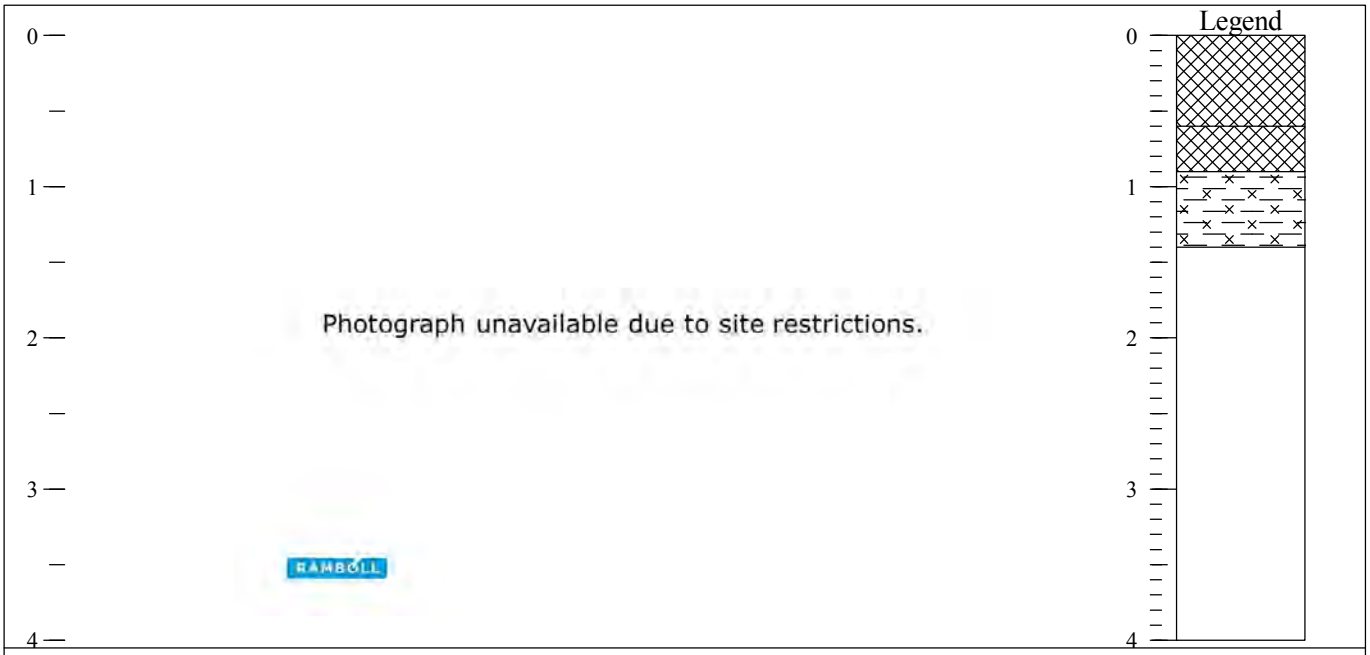
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used	Logged By

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

Ramboll Environ
3rd Floor, Halsbury House, Chancellor Court,
21 The Calls, Leeds LS2 7EH, United Kingdom

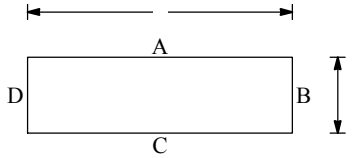
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP720**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.60		MADE GROUND. Brown gravelly sandy CLAY. Gravel of flint and occasional brick.	0.20	ES	
0.60-0.90		MADE GROUND. Grey slightly gravelly silty CLAY. Gravel of brick and wood [SUSPECTED REWORKED].	0.70	ES	
0.90-1.40		Grey slightly gravelly silty CLAY [ALLUVIUM],	1.10	ES	
1.40		Trial pit completed at 1.4mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded. Groundwater was not encourted. Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

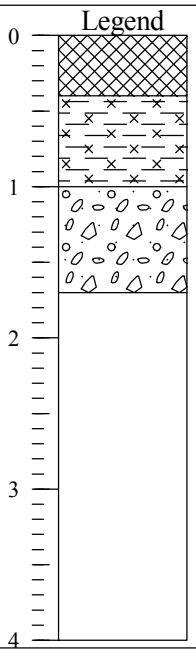
AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

Ramboll Environ
3rd Floor, Halsbury House, Chancellor Court,
21 The Calls, Leeds LS2 7EH, United Kingdom

TRIAL PIT LOG

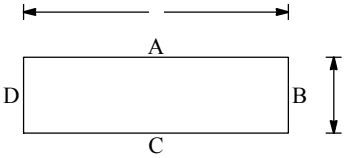
Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP721**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1





STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.40		MADE GROUND. Brown sand gravelly CLAY. Gravel of chalk, flint, brick, glass. At 0.1mbgl concrete boulder.	0.10	ES	
0.40-1.00		Grey silty gravelly CLAY. Gravel of flint [ALLUVIUM].	0.50	ES	
1.00-1.70		Grey silty sandy GRAVEL of flint [RIVER TERRACE DEPOSITS].			
1.70		Trial pit completed at 1.7mbgl and backfilled with arisings.	1.60	ES	

Shoring/Support:
Stability:





GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encountered.
Trial pit backfilled with arisings.

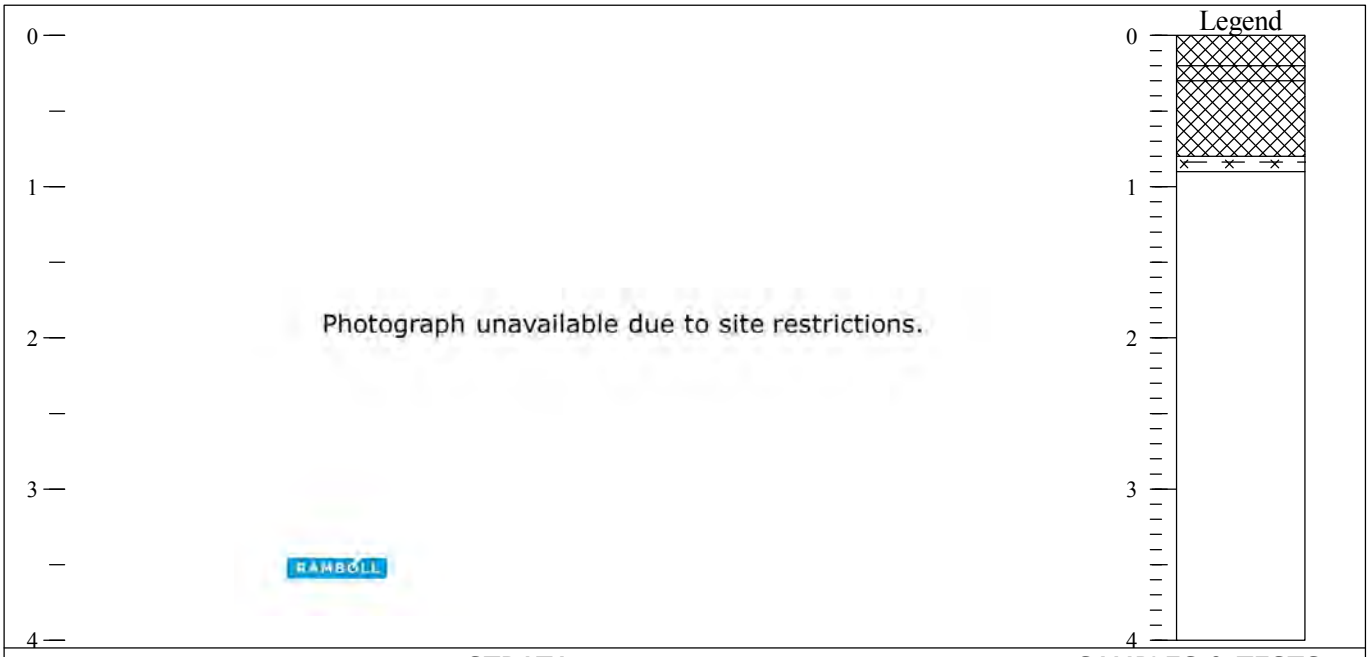
All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

Ramboll Environ
3rd Floor, Halsbury House, Chancellor Court,
21 The Calls, Leeds LS2 7EH, United Kingdom

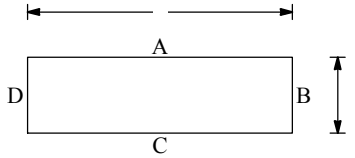
TRIAL PIT LOG

Project				TRIAL PIT No
Green Park Village - Phase 5 (Asbestos Works]				**RTP722**
Job No	Date	Ground Level (m)	Co-Ordinates ()	
1620000492	07-07-16 07-07-16			
Contractor				Sheet
Ramboll Environ Ltd				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.20		MADE GROUND. Brown sandy gravelly CLAY. Gravel of flint and occasional brick.	0.10	ES	
0.20-0.30					
0.30-0.80		MADE GROUND. Mottled red and blue brown slightly gravelly CLAY. Gravel of flint.	0.60	ES	
0.80-0.90		MADE GROUND. Brown sandy gravelly CLAY. Gravel of flint and occasional brick.			
0.90		Dark grey slightly gravelly silty CLAY. Gravel of flint [ALLUVIUM].			
		Trial pit completed at 0.9mbgl and backfilled with arisings.			

Shoring/Support:
Stability:





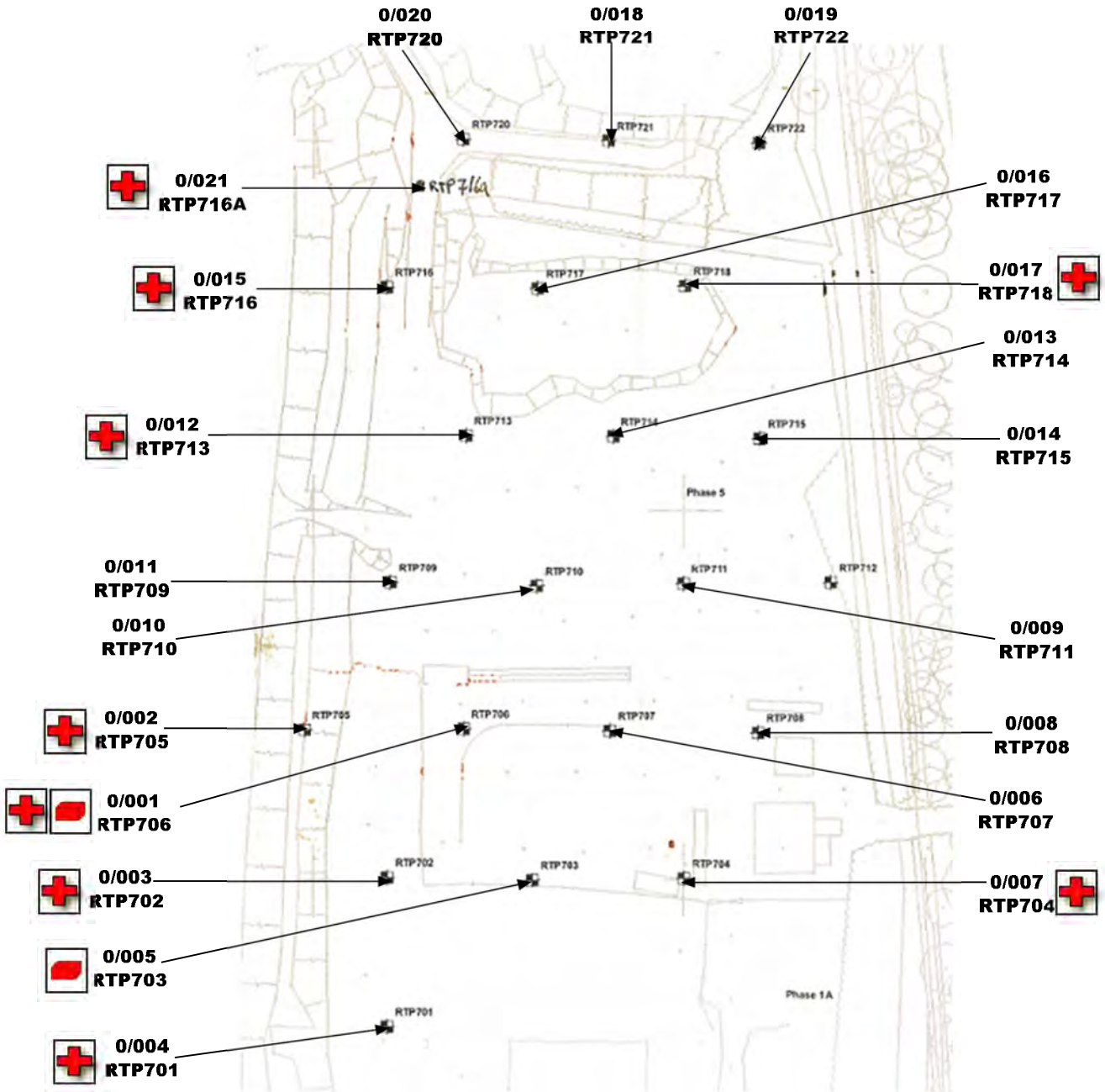
GENERAL REMARKS

No olfactory or visual evidence of gross contamination recorded.
Groundwater was not encourted.
Trial pit backfilled with arisings.

All dimensions in metres Scale 1:50	Client Berkeley Homes (Western) Ltd.	Method/ Plant Used Tracked 360 Excavator	Logged By JP

AGS3 UK TP GREEN PARK VILLAGE.GPJ GINT STD AGS 3_1.GDT 21/7/16

APPENDIX B – LUCION ENVIRONMENTAL LTD RECORDS.



Lucion Report	121834
Survey Location	Berkeley Housing Development Site
Plan Location	Phase 5 - Green Park Village
Survey Date	05/07/2016
Surveyor(s)	S Landells, J Gibbs

Material Symbols

Asbestos containing **bituminous product**	
Asbestos containing **cement**	
Asbestos containing **composite product**	
Asbestos containing **gasket**	
Asbestos containing **insulation**	
Asbestos containing **insulating board**	
Asbestos containing **paper product**	
Asbestos containing **sprayed coating**	
Asbestos containing **textured coating**	
Asbestos containing **woven product**	
Asbestos containing **debris of unknown origin**	
No Access Area - Asbestos Presumed Present	NA
No Access Item -Asbestos Presumed Present	
Survey Area	

lucion

Please note: Asbestos containing material symbol locations are only INDICATIVE of the area of location; not the exact position of the material; refer to report register for details. Drawing NOT to scale.

Lucion Environmental Ltd
Registered in England + Wales 6495874
VAT Registration Number 208156326

Asbestos Analyst's Certificate Report

Job Ref No: ***121835****, Cert Ref No:* ***2□957****, Account Ref No:* ***17752****, Contract Ref No:* ***15997***

Nearest postcode is: RG30 3UR. Refer to notes for directions.



latlng: 51.425105,□0.996164



on site photo



general □orks area photo

Building	Level	Works-Area	Enclosure Used?	Certificate Issue Date
Berkeley Homes	0	Green Park Village Phase 5	No	Thursday, 7th July, 2016

Overall Certificate Status	Passed Tests	Failed Tests	WARNINGS
PASSED	0	0	0

Head Office
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Gateshead, NE11 9JT
E: *enquiries@lucion.co.uk*
T: *0191 461 8999*

UKAS TESTING
2569

Intro

Sampling & Evaluation Methods

In-house methods TOP02.08 & TOP02.09 in accordance with HSG 248 Asbestos - The Analyst's Guide to Sampling, Analysis and Clearance Procedures.

Notes: The samples referred to in this report will be retained for 6 months unless requested otherwise. Unless otherwise stated, there are no departures from the sampling and evaluation methods specified. Results detailed in this report relate only to the time, and corresponding conditions prevailing, when the sampling and examination were undertaken.

Notes to Test Accuracy

Airflow measured on site is recorded against a correction chart. Flow meters are calibrated against a UKAS certified master flow meter accurate to ±0.5%. In accordance with HSG248, if the combined effect of ambient temperature and pressure between calibration and sampling location exceeds 5% a correction is applied to the air sample volume. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by "<", the lower limit of quantification (LOQ) of the method has not been reached. For a 480 litre air sample with 200 graticule areas counted, the (LOQ) of this method is 0.010 fibres per cubic centimetre of air; samples of less volume/graticules will be reported to a lower LOQ (refer count sheet). While counting randomly distributed fibres, an expected degree of variation of 1.5 standard deviations from the mean count may occur. At clearance indicator level (0.01 fibres per cubic centimetre of air) a 480-litre air sample yielding a count of 20 fibres over 200 fields would have an expected standard deviation of ±8 fibres.

Sampling

When testing within an Enclosure and conducting a 4-Stage Clearance - the number of samples (Ns) is calculated by A1/3-1. Where enclosure is less than 3m in height: A is denoted by area. Where enclosure is greater than 3m in height: A is denoted by volume/3. Refer air sampling and fibre counting sheet.

When testing within a decontamination unit (DCU) - where the combined floor area of shower and dirty areas is less than 10m2; 1 air test has been carried out. During this test the door between these areas has been propped open. For combined floor areas exceeding 10m2 a sample in each area (i.e. shower and dirty end) will be taken.

For tests other than those associated with 4-Stage Clearance testing the analyst will apply the principles of current HSE guidance and experience combined with situational circumstances.

Where a photograph of the completed decontamination unit certificate appears in this report the analyst has completed an abridged report to be left inside the DCU; this abridged report should not be used in lieu of this comprehensive report.

Where sampling plans have been supplied; please note these are not to scale.

Where a sample filter has been deemed uncountable or biased the analyst will record this as "uncountable" in the count-sheet.

Field Blanks - Where site sampling and counting is carried out in a field laboratory a field blank is carried out by the analyst prior to the start of sampling and counting. The field blank constitutes a filter taken from a loaded but unused filter head that is mounted and subsequently counted. Acceptance is met by a count of less than 3 fibres per 100 fields. Such filters are reported as "field blank" in the sample location column of the count sheet.

Disclaimers

Any opinions and interpretations expressed herein are outside the scope of UKAS accreditation. This certificate is valid only when it bears the signature of an authorised member of Lucion personnel. Please note the witnessing of smoke tests is outwith the scope of UKAS accreditation.

Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct and Lucion Environmental Ltd issuing this report to the email address held on record for the job and does not require a copy of this report to be left on site. Furthermore Lucion Environmental Ltd cannot be held responsible for any actions undertaken following the issue of this report.

This certificate *ma*□be part of a series of works and should be read in conjunction with the Asbestos Analyst's Job Summary Report.

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Test: Background (121835-1)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Tuesday, 5th July, 2016 @ 18:09:50

Test: Background (121835-1) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-1	Tuesday, 5th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	22	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1016	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-1-1	Field Blank	177										0.5	200		
121835-1-1	Adjacent to pit 701	133	107	10:10:00	11:15:00	65	8.1		8.1	527	527	7.5	200	0.004	<0.01
121835-1-2	Adjacent to site van next to pit 706	130	133	10:00:00	11:05:00	65	8.1		8.1	527	527	6.0	200	0.003	<0.01

Test: Reassurance (121835-3)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Tuesday, 5th July, 2016 @ 18:25:18

Test: Reassurance (121835-3) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-3	Tuesday, 5th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	22	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1016	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-3-1	Adjacent to pit 706 while being dug	161	113	12:05:00	12:40:00	35	15.1		15.1	529	529	8.0	200	0.004	<0.01
121835-3-2	Adjacent to pit 702 while being dug	160	113	13:00:00	13:36:00	36	15.1		15.1	544	544	6.5	200	0.003	<0.01
121835-3-3	Adjacent to pit 701 while being dug	177	91	15:00:00	15:35:00	35	15.1		15.1	529	529	7.0	200	0.003	<0.01
121835-3-4	Adjacent to pit 703 while being dug	161	113	16:05:00	16:39:00	34	15.1		15.1	513	513	7.5	200	0.004	<0.01

Test: Leak Testing (121835-4)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Tuesday, 5th July, 2016 @ 18:40:30

Test: Personal (121835-5)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Tuesday, 5th July, 2016 @ 18:43:42

Test: Personal (121835-5) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-5	Tuesday, 5th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	22	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1016	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-5-1	On Operative Jonathan Gibbs during dampening down of soil when pitts being dug	177	37	12:30:00	13:35:00	65	4.1		4.1	267	267	7.5	200	0.007	<0.02
121835-5-1	On Operative Scott Landells during dampening down and checking rubble when pits being dug	130	37	15:20:00	16:35:00	75	4.1		4.1	308	308	7.0	200	0.006	<0.02

Test: Background (121835-6)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Wednesday, 6th July, 2016 @ 12:05:18

Test: Background (121835-6) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-6	Wednesday, 6th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	21	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1020	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-6-1	Location around pit 717	133	117	08:30:00	09:34:00	64	8.1		8.1	518	518	7.0	200	0.003	<0.01
121835-6-2	Location around pit 714	130	92	08:31:00	09:34:00	63	8.1		8.1	510	510	5.0	200	0.002	<0.01

Test: Personal (121835-7)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Wednesday, 6th July, 2016 @ 13:05:57

Test: Personal (121835-7) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-7	Wednesday, 6th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	21	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1020	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-7-1	On Operative Jonathan Gibbs during checking excavation pitts	133	37	10:30:00	11:30:00	60	4.1		4.1	246	246	9.0	200	0.009	<0.02
121835-7-1	Field Blank	177										1.0	200		
121835-7-2	On Rambolls Operative during inspection of excavation pitts	161	37	12:30:00	13:30:00	60	4.1		4.1	246	246	7.5	200	0.008	<0.02

table continued from previous page...

Sample Details															
121835-7-3	On Lucion Operative Jonathan Gibbs while checking excavation pits	130	37	14:30:00	15:30:00	60	4.1		4.1	246	246	5.0	200	0.005	<0.02

Test: Reassurance (121835-8)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Wednesday, 6th July, 2016 @ 13:22:38

Test: Reassurance (121835-8) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-8	Wednesday, 6th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	22	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-8-1	Adjacent to pit 704	133	117	10:30:00	11:05:00	35	15.1		15.1	529	529	4.0	200	0.002	<0.01
121835-8-2	Between pits 709 and 710	133	103	13:00:00	13:33:00	33	15.1		15.1	498	498	3.5	200	0.002	<0.01
121835-8-3	On path line next to lake	161	103	14:41:00	15:15:00	34	15.1		15.1	513	513	2.0	200	0.001	<0.01
121835-8-4	Adjacent to pit 714	133	117	14:50:00	15:26:00	36	15.1		15.1	544	544	4.0	200	0.002	<0.01
121835-8-5	Adjacent to pit 715	133	117	15:10:00	15:45:00	35	15.1		15.1	529	529	2.5	200	0.001	<0.01

Test: Background (121835-9)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Thursday, 7th July, 2016 @ 09:22:15

Test: Background (121835-9) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-9	Thursday, 7th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	25	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1017	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-9-1	Field Blank	133										0.5	200		
121835-9-2	Behind skips near pits 716 and 717	161	117	08:05:00	09:10:00	65	8.1		8.1	527	527	4.0	200	0.002	<0.01

Test: Reassurance (121835-10)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Thursday, 7th July, 2016 @ 09:23:39

Test: Reassurance (121835-10) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-10	Thursday, 7th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	26	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1015	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-10-1	Adjacent to Pit 716	133	91	08:45:00	09:20:00	35	15.1		15.1	529	529	5.5	200	0.003	<0.01
121835-10-2	Adjacent to path next to lake	130	117	10:17:00	11:20:00	63	8.1		8.1	510	510	6.0	200	0.003	<0.01
121835-10-3	Adjacent to Pit 717	161	91	10:15:00	10:50:00	35	15.1		15.1	529	529	3.5	200	0.002	<0.01
121835-10-4	Pathway Adjacent to pit 712	133	117	10:03:00	11:05:00	62	8.1		8.1	502	502	2.0			
121835-10-5	Adjacent to pit 722	161	117	11:36:00	12:10:00	34	15.1		15.1	513	513	3.5	200	0.002	<0.01
121835-10-6	Adjacent to pit 712	133	103	12:50:00	13:24:00	34	15.2		15.2	517	517	3.0	200	0.001	<0.01

Test: Personal (121835-11)

Air sample results	All air samples gave results below 0.01 fibres per cc of air.
Stage Warning?	No
Analyst Signature Signature Date	 Thursday, 7th July, 2016 @ 09:26:23

Test: Personal (121835-11) - Count Sheet

Lucion Report Number	Test Date	Sampled By	Counted By
121835-11	Thursday, 7th July, 2016	Scott Landells	Scott Landells

Air Volume Correction Detail

T Cal (K)	T Site (C)	T Pcal (hPa)
293	26	1013

Microscope & Calculation Detail

P Site (hPa)	Correction Required	Micro No.	Graticule Dia (µm)	Test Slide Result (Grid No.)	Filter Dia. Exposed (mm)
1016	1	MS21	100	5	22.5

Instrument Detail

Thermometer, Barometer, Timepiece	Flow (Hi)	Flow (Low)	HSE/NPL	Graticule Slide
WS57	FM39	FM50	4443	SM25

Sample Details

Sample No.	Sample Location	Head No.	Pump No.	Time On (hh:mm)	Time Off (hh:mm)	Run Time (mins)	Start Flow (lmin-1)	Int Flow (lmin-1)	End Flow (lmin-1)	Calc. Volume (l)	Corr. Volume (l)	Fibres	Fields	Calc. Conc. (Fibres cm^{-3})	Report. Conc. (Fibres cm^{-3})
121835-11-1	On Lucion Operative Jonathan Gibbs while checking excavation pits	177	37	08:45:00	09:45:00	60	4.1		4.1	246	246	5.5	200	0.006	<0.02
121835-11-2	On Rambolls Operative during inspection of excavation pits	133	34	11:36:00	12:38:00	62	4.1		4.1	254	254	3.5	200	0.003	<0.02

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VAT Registration Number 208156326

Asbestos Analyst's Job Summary Report

Job Ref No: ***121835****, Account Ref No:* ***17752****, Contract Ref No:* ***15997***

Nearest postcode is: RG30 3UR. Refer to notes for directions.

Title*: PCM Air Monitoring During Asbestos in Soils Support, Phase 5, Green Park Village*



latlng: 51.425105,□0.996164



on site photo

Passed Certificates	Failed Certificates
1	0

□i□□t □i□it t□ □ite*: Tuesda□, 5th Jul□, 2016,* ***□a□t □i□it t□ □ite****: Thursda□, 7th Jul□, 2016*

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Intro

This document is a summary of findings relating to asbestos analytical works at **Nearest postcode is: RG30 3UR. Refer to notes for directions.** from **Tuesday, 5th July, 2016** to **Thursday, 7th July, 2016**. It is intended to give an overview of testing and must be read only in conjunction with the certificates it references. The document should never be read in isolation as asbestos analysts reports often contain additional notes and advice that should be referred to.

Furthermore, this document contains a summary of analyst notes and comments made in relation to works at this site.

Please note this document may contain findings from more than one analyst on more than one date.

Key to Air-Test Icons

To aid ease of reading the following icons have been used in this document to reference commonly undertaken activities.

- Clearance Stage 1
- Clearance Stage 2
- Clearance Stage 3
- Clearance Stage 4
- Reassurance
- Background
- Leak Testing
- Personal
- Smoke Test Witness
- Report Acknowledgement

A WARNING is used by the analyst to draw the readers attention to a particular area of the report.

Overview of Works

To view a complete air-certificate, follow the relevent link

Certificate: Green Park Village Phase 5 **Building: Berkeley Homes** **Level: 0** **Passed**

View the Full Certificate Here: http://web.lucion.co.uk/air_cert/20957?s=16051f367150ad40f3c96e79e2a40844

Type	Test-ID	Start Time	End Time	Date	Operative	# Samples	
Background	121835-1			05-07-2016	Scott Landells	3	
Reassurance	121835-3			05-07-2016	Scott Landells	4	
Leak Testing	121835-4			05-07-2016	Scott Landells	--	
Personal	121835-5			05-07-2016	Scott Landells	2	
Background	121835-6			06-07-2016	Scott Landells	2	
Personal	121835-7			06-07-2016	Scott Landells	4	
Reassurance	121835-8			06-07-2016	Scott Landells	5	
Background	121835-9			07-07-2016	Scott Landells	2	
Reassurance	121835-10			07-07-2016	Scott Landells	6	
Personal	121835-11			07-07-2016	Scott Landells	2	

Job Notes

Operative		Note	Date
	**Scott Landells** *Lead Surveyor*	Personal Decontamination Area 	Thursday, 7th July, 2016
	**Scott Landells** *Lead Surveyor*	JCB hosed down 	Thursday, 7th July, 2016

Attachments

The following documents accompany this report and should be regarded as an integral part of this report.

They can be downloaded from http://web.lucion.co.uk/reports/121835/attachments.

- Method Statement [http://web.lucion.co.uk/method_statements/121835?s=7f3de17d8f38b3c26b03d069e51ce838]
- Risk Assessment [http://web.lucion.co.uk/risk_assessment/121835?s=443c17a98ad0f88704c7c4e89c985e4b]
- A4-Plan_121834_Berkeley-Housing-Development-Site-(1).pdf
- Figure-3-Phase-Plan-(1).pdf
- Site_location_Figure-1-(1).pdf

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Asbestos Fibre Identification Material Test Certificate

Job Ref No: ***12183****, Account Ref No:* ***17752****, Contract Ref No:* ***15997***

This certificate is for the attention of	**Andrew West** **Berkeley Homes (Western) Limited** 200 Longwater Avenue Green Park Reading Berkshire RG2 6GB
Contract Title	Asbestos in Soils Support, Green Park Village
Site Address	Nearest postcode is: RG30 3UR. Refer to notes for directions.
Sampled Buildings	Berkeley Housing Devolpment Site
Analyst(s)	Freya Jones
Analyst signature(s)	
Analysis date	Thursday, 14th July, 2016
Approved signatory	Kevan O'Neill
Approved signature	
Approval date	Friday, 15th July, 2016
Report Rendered on	Mon 18 Jul 2016 @ 13:57:19

Analysis method - In-house method TOP01.03 in accordance with HSG 248 - Asbestos: The Analysts' Guide For Sampling, Analysis and Clearance Procedures H.S.E. 2005. All analysis carried out at Lucion's Head Office laboratory.

Lucion bear no responsibility for sample collection or sample description related information provided by the client.

Where Lucion Environmental Ltd has not undertaken sampling; any prior sampling activity is beyond the company's responsibility. Where Lucion Environmental Ltd has sampled the test material, this has been done in accordance with in-house method TOP01.02. Any opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

The results quoted in this report relate to:

1. Samples analysed in accordance with methods described above
2. Samples analysed and not necessarily to the material from which the samples were taken
3. The time during which sampling took place and to the conditions prevailing during that time

The samples referred to in this report will be retained for 6 months unless requested otherwise.

Total Samples	No Asbestos Detected	Asbestos-Containing Samples
15	**2**	**13**

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UKAS TESTING
2569

Fibre Identification Analysis Results

Sample No.	Building	Level	Location	Item / Product Examined	Material Description	Analyst Comments	Fibre Identification
121834-1	Berkeley Housing Devolpment Site	0	001/ Trench RTP 706	Sheet fragment	Asbestos-containing cement		Chrysotile
121834-2	Berkeley Housing Devolpment Site	0	001/ Trench RTP 706	Board fragment	Asbestos-containing insulating board		Chrysotile, Amosite
121834-3	Berkeley Housing Devolpment Site	0	002/ Trench RTP 705	Pipe fragment	Asbestos-containing cement		Chrysotile
121834-4	Berkeley Housing Devolpment Site	0	003/ Trench RTP 702	Pipe fragments	Asbestos-containing cement		Chrysotile
121834-5	Berkeley Housing Devolpment Site	0	004/ Trench RTP 701	sheet fragment	Asbestos-containing cement		Chrysotile
121834-6	Berkeley Housing Devolpment Site	0	005/ Trench RTP 703	Roof tile fragment	cement		NAD
121834-7	Berkeley Housing Devolpment Site	0	005/ Trench RTP 703	Sheet fragment	Asbestos-containing insulating board		Chrysotile, Amosite
121834-8	Berkeley Housing Devolpment Site	0	005/ Trench RTP 703	Pipe fragment	Asbestos-containing insulating board		Chrysotile, Amosite
121834-9	Berkeley Housing Devolpment Site	0	007/ Trench RTP 704	Pipe fragment	Asbestos-containing cement		Chrysotile
121834-10	Berkeley Housing Devolpment Site	0	010/ Trench RTP 710	Paper backed linoleum	paper		NAD
121834-11	Berkeley Housing Devolpment Site	0	012/ Trench RTP 713	Sheet fragment	Asbestos-containing cement		Chrysotile
121834-12	Berkeley Housing Devolpment Site	0	015/ Trench RTP 716	Sheet fragment	Asbestos-containing cement		Chrysotile
121834-13	Berkeley Housing Devolpment Site	0	015/ Trench RTP 716	Pipe fragment	Asbestos-containing cement		Chrysotile
121834-14	Berkeley Housing Devolpment Site	0	017/ Trench RTP 718	Sheet fragment	Asbestos-containing cement		Chrysotile
121834-15	Berkeley Housing Devolpment Site	0	021/ Trench RTP 716a	Sheet fragment	Asbestos-containing cement		Chrysotile

Attached files

These can be downloaded from http://web.lucion.co.uk/reports/121834/attachments.

- A4-Plan_121834_Berkeley-Housing-Development-Site.pdf
- Figure-3-Phase-Plan.pdf
- Site_location_Figure-1.pdf

APPENDIX C – I2 ANALYTICAL SERVICES LTD RECORDS

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Herts,
WD18 8YS

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f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 16-22251

Project / Site name:	Green Park Village	**Samples received on:**	07/07/2016
Your job number:	1620000492	**Samples instructed on:**	12/07/2016
Your order number:		**Analysis completed by:**	19/07/2016
Report Issue Number:	1	**Report issued on:**	19/07/2016
Samples Analysed:	2 bulk samples - 4 leachate samples - 34 soil samples		

Signed:

Dr Claire Stone
Quality Manager
For & on behalf of i2 Analytical Ltd.

Signed:

Emma Winter
Assistant Reporting Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599271	599272	599273	599274	599275
Sample Reference				RTP701	RTP702	RTP703	RTP704	RTP704
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.40	0.00-0.10	1.70	0.30	0.60
Date Sampled				05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	-	-	< 0.1	-
Moisture Content	%	N/A	NONE	14	-	-	9.4	-
Total mass of sample received	kg	0.001	NONE	1.1	-	-	1.1	-
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile	Chrysotile & Amosite	Amosite	Chrysotile & Amosite	Chrysotile & Amosite
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	0.010	0.006	0.003	< 0.001
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	0.010	0.006	0.003	< 0.001
General Inorganics								
pH	pH Units	N/A	MCERTS	7.7	-	-	9.7	-
Free Cyanide	mg/kg	1	MCERTS	< 1	-	-	< 1	-
Organic Matter	%	0.1	MCERTS	2.8	-	-	1.2	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Acenaphthylene	mg/kg	0.1	MCERTS	< 0.10	-	-	0.76	-
Acenaphthene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	-
Fluorene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	-
Phenanthrene	mg/kg	0.1	MCERTS	0.68	-	-	2.4	-
Anthracene	mg/kg	0.1	MCERTS	< 0.10	-	-	1.1	-
Fluoranthene	mg/kg	0.1	MCERTS	2.5	-	-	9.5	-
Pyrene	mg/kg	0.1	MCERTS	2.2	-	-	9.3	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	0.87	-	-	5.1	-
Chrysene	mg/kg	0.05	MCERTS	0.99	-	-	3.4	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	1.3	-	-	6.2	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	0.91	-	-	3.1	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	1.1	-	-	4.8	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	0.53	-	-	2.7	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	< 0.10	-	-	0.59	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.73	-	-	3.9	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	11.7	-	-	52.5	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	35	-	-	17	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.9	-	-	0.5	-
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	-	-	< 4.0	-
Chromium (III)	mg/kg	1	NONE	53	-	-	86	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	53	-	-	86	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	-	-	100	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	140	-	-	180	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.7	-	-	0.4	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	26	-	-	63	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	1.1	-	-	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	40	-	-	29	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	330	-	-	170	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599271	599272	599273	599274	599275
Sample Reference				RTP701	RTP702	RTP703	RTP704	RTP704
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.40	0.00-0.10	1.70	0.30	0.60
Date Sampled				05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	-	-	-	-
Toluene	µg/kg	1	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
p & m-xylene	µg/kg	1	MCERTS	-	-	-	-	-
o-xylene	µg/kg	1	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	390	-	-	920	-
TPH2 (C6 - C10)	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	-
TPH C6 - C40	mg/kg	10	NONE	390	-	-	920	-
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599276	599277	599278	599279	599280
Sample Reference				RTP705	RTP706	RTP706	RTP707	RTP707
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.10	0.40	0.10	0.90
Date Sampled				05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	-	-	-	-	< 0.1
Moisture Content	%	N/A	NONE	-	-	-	-	11
Total mass of sample received	kg	0.001	NONE	-	-	-	-	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile & Crocidolite	Amosite	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	Detected	Detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	< 0.001	< 0.001	0.557	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	< 0.001	< 0.001	0.557	-
General Inorganics								
pH	pH Units	N/A	MCERTS	-	-	-	-	8.2
Free Cyanide	mg/kg	1	MCERTS	-	-	-	-	< 1
Organic Matter	%	0.1	MCERTS	-	-	-	-	0.8
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Acenaphthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluorene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Phenanthrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	-	-	< 1.60
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	4.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-	-	-	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	-	-	-	-	< 4.0
Chromium (III)	mg/kg	1	NONE	-	-	-	-	23
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	23
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	13
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	14
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-	-	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	17
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	1.1
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	25
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	34

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Lab Sample Number				599276	599277	599278	599279	599280
Sample Reference				RTP705	RTP706	RTP706	RTP707	RTP707
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.10	0.40	0.10	0.90
Date Sampled				05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	-	-	-	-
Toluene	µg/kg	1	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
p & m-xylene	µg/kg	1	MCERTS	-	-	-	-	-
o-xylene	µg/kg	1	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	-	-	-	-	< 10
TPH2 (C6 - C10)	mg/kg	0.1	NONE	-	-	-	-	< 0.1
TPH C6 - C40	mg/kg	10	NONE	-	-	-	-	< 10
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599281	599282	599283	599284	599285
Sample Reference				RTP708	RTP709	RTP710	RTP710	RTP710
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.10	0.60	1.20	2.40
Date Sampled				06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	-	-	-	-	< 0.1
Moisture Content	%	N/A	NONE	-	-	-	-	9.4
Total mass of sample received	kg	0.001	NONE	-	-	-	-	1.5
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile	Chrysotile	Chrysotile & Amosite	Amosite	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	< 0.001	0.050	< 0.001	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	< 0.001	0.050	< 0.001	-
General Inorganics								
pH	pH Units	N/A	MCERTS	-	-	-	-	8.1
Free Cyanide	mg/kg	1	MCERTS	-	-	-	-	< 1
Organic Matter	%	0.1	MCERTS	-	-	-	-	0.3
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Acenaphthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluorene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Phenanthrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	-	-	< 1.60
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	5.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-	-	-	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	-	-	-	-	< 4.0
Chromium (III)	mg/kg	1	NONE	-	-	-	-	17
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	17
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	9.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	19
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-	-	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	9.4
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	1.8
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	9.9
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	14

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Lab Sample Number				599281	599282	599283	599284	599285
Sample Reference				RTP708	RTP709	RTP710	RTP710	RTP710
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.10	0.60	1.20	2.40
Date Sampled				06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	-	-	-	-
Toluene	µg/kg	1	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
p & m-xylene	µg/kg	1	MCERTS	-	-	-	-	-
o-xylene	µg/kg	1	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	-	-	-	-	< 10
TPH2 (C6 - C10)	mg/kg	0.1	NONE	-	-	-	-	< 0.1
TPH C6 - C40	mg/kg	10	NONE	-	-	-	-	< 10
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599286	599287	599288	599289	599290
Sample Reference				RTP711	RTP711	RTP712	RTP713	RTP714
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.10	0.10	0.20	0.10
Date Sampled				06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	-	< 0.1	-	< 0.1	-
Moisture Content	%	N/A	NONE	-	14	-	15	-
Total mass of sample received	kg	0.001	NONE	-	1.6	-	1.3	-
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile & Amosite	Chrysotile & Amosite	Amosite	Chrysotile & Amosite	Chrysotile
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	< 0.001	< 0.001	0.016	0.174
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	< 0.001	< 0.001	0.016	0.174
General Inorganics								
pH	pH Units	N/A	MCERTS	-	8.7	-	8.9	-
Free Cyanide	mg/kg	1	MCERTS	-	< 1	-	< 1	-
Organic Matter	%	0.1	MCERTS	-	1.4	-	1.3	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	-	< 0.05	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	-
Acenaphthene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	-
Fluorene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	-
Phenanthrene	mg/kg	0.1	MCERTS	-	1.0	-	0.56	-
Anthracene	mg/kg	0.1	MCERTS	-	< 0.10	-	0.15	-
Fluoranthene	mg/kg	0.1	MCERTS	-	2.2	-	1.4	-
Pyrene	mg/kg	0.1	MCERTS	-	2.0	-	1.1	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	0.84	-	0.46	-
Chrysene	mg/kg	0.05	MCERTS	-	0.73	-	0.66	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	0.82	-	0.56	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	0.72	-	0.36	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	0.75	-	0.44	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	0.37	-	< 0.10	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	0.50	-	< 0.05	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	9.92	-	5.67	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	7.9	-	22	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	0.7	-	2.2	-
Chromium (hexavalent)	mg/kg	4	MCERTS	-	< 4.0	-	< 4.0	-
Chromium (III)	mg/kg	1	NONE	-	15	-	35	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	15	-	35	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	49	-	300	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	350	-	1400	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	0.4	-	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	13	-	23	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	-	23	-	29	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	280	-	550	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599286	599287	599288	599289	599290
Sample Reference				RTP711	RTP711	RTP712	RTP713	RTP714
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.10	0.10	0.20	0.10
Date Sampled				06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	< 1.0	-	-	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
p & m-xylene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
o-xylene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	-	1200	-	140	-
TPH2 (C6 - C10)	mg/kg	0.1	NONE	-	< 0.1	-	< 0.1	-
TPH C6 - C40	mg/kg	10	NONE	-	1200	-	140	-
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	43	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	150	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	97	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	290	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	6.6	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	180	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	360	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	260	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	800	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599291	599292	599293	599294	599295
Sample Reference				RTP715	RTP716	RTP716	RTP717	RTP718
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	0.20	0.50	0.10	0.10
Date Sampled				06/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	-	< 0.1	-	-
Moisture Content	%	N/A	NONE	16	-	7.9	-	-
Total mass of sample received	kg	0.001	NONE	1.2	-	1.3	-	-
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile & Amosite	Chrysotile	Chrysotile	Chrysotile & Amosite	Chrysotile & Amosite
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	< 0.001	< 0.001	0.017	0.004
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	< 0.001	< 0.001	0.017	0.004
General Inorganics								
pH	pH Units	N/A	MCERTS	7.8	-	8.4	-	-
Free Cyanide	mg/kg	1	MCERTS	< 1	-	< 1	-	-
Organic Matter	%	0.1	MCERTS	5.3	-	1.4	-	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	0.50	-	< 0.10	-	-
Acenaphthene	mg/kg	0.1	MCERTS	1.2	-	< 0.10	-	-
Fluorene	mg/kg	0.1	MCERTS	2.3	-	< 0.10	-	-
Phenanthrene	mg/kg	0.1	MCERTS	24	-	< 0.10	-	-
Anthracene	mg/kg	0.1	MCERTS	5.4	-	< 0.10	-	-
Fluoranthene	mg/kg	0.1	MCERTS	41	-	< 0.10	-	-
Pyrene	mg/kg	0.1	MCERTS	30	-	< 0.10	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	16	-	< 0.10	-	-
Chrysene	mg/kg	0.05	MCERTS	13	-	< 0.05	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	16	-	< 0.10	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	6.9	-	< 0.10	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	12	-	< 0.10	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	5.6	-	< 0.10	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	1.3	-	< 0.10	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	7.1	-	< 0.05	-	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	182	-	< 1.60	-	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	-	8.7	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.8	-	< 0.2	-	-
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	-	< 4.0	-	-
Chromium (III)	mg/kg	1	NONE	19	-	30	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	-	30	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	190	-	23	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1300	-	46	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	-	0.5	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	14	-	20	-	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	1.1	-	< 1.0	-	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	31	-	28	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	640	-	100	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599291	599292	599293	599294	599295
Sample Reference				RTP715	RTP716	RTP716	RTP717	RTP718
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	0.20	0.50	0.10	0.10
Date Sampled				06/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	-	-	-	-
Toluene	µg/kg	1	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
p & m-xylene	µg/kg	1	MCERTS	-	-	-	-	-
o-xylene	µg/kg	1	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	740	-	18	-	-
TPH2 (C6 - C10)	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
TPH C6 - C40	mg/kg	10	NONE	740	-	18	-	-
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599296	599297	599298	599299	599300
Sample Reference				RTP720	RTP721	RTP722	RTP716A	RTP716A
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.10	0.60	0.10	0.70
Date Sampled				07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	-	< 0.1	-	-	-
Moisture Content	%	N/A	NONE	-	11	-	-	-
Total mass of sample received	kg	0.001	NONE	-	1.3	-	-	-
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile & Amosite	Chrysotile	Chrysotile	Chrysotile & Amosite
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	Detected	Detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	< 0.001	< 0.001	< 0.001	< 0.001
Asbestos Quantification Total	%	0.001	ISO 17025	-	< 0.001	< 0.001	< 0.001	< 0.001
General Inorganics								
pH	pH Units	N/A	MCERTS	-	7.9	-	-	-
Free Cyanide	mg/kg	1	MCERTS	-	< 1	-	-	-
Organic Matter	%	0.1	MCERTS	-	1.3	-	-	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Acenaphthene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Fluorene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Phenanthrene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Anthracene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Fluoranthene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Pyrene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	< 0.10	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	< 1.60	-	-	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	16	-	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	0.5	-	-	-
Chromium (hexavalent)	mg/kg	4	MCERTS	-	< 4.0	-	-	-
Chromium (III)	mg/kg	1	NONE	-	26	-	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	26	-	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	78	-	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	130	-	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	0.4	-	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	20	-	-	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	< 1.0	-	-	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	-	38	-	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	180	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599296	599297	599298	599299	599300
Sample Reference				RTP720	RTP721	RTP722	RTP716A	RTP716A
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.10	0.60	0.10	0.70
Date Sampled				07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	-	-	-	-
Toluene	µg/kg	1	MCERTS	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	-
p & m-xylene	µg/kg	1	MCERTS	-	-	-	-	-
o-xylene	µg/kg	1	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	-	73	-	-	-
TPH2 (C6 - C10)	mg/kg	0.1	NONE	-	< 0.1	-	-	-
TPH C6 - C40	mg/kg	10	NONE	-	73	-	-	-
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599301	599302	599303	599304	
Sample Reference				RSP01	RSP02	RSP03	RSP04	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	
Date Sampled				05/07/2016	05/07/2016	05/07/2016	05/07/2016	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	-	-	< 0.1	
Moisture Content	%	N/A	NONE	2.1	-	-	4.5	
Total mass of sample received	kg	0.001	NONE	1.1	-	-	1.2	
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile & Amosite	Amosite	Chrysotile & Crocidolite & Amosite	Chrysotile & Amosite	
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	Detected	Detected	
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	0.004	< 0.001	0.008	0.013	
Asbestos Quantification Total	%	0.001	ISO 17025	0.004	< 0.001	0.008	0.013	
General Inorganics								
pH	pH Units	N/A	MCERTS	10.1	-	-	10.0	
Free Cyanide	mg/kg	1	MCERTS	< 1	-	-	< 1	
Organic Matter	%	0.1	MCERTS	1.8	-	-	2.4	
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	0.31	-	-	0.49	
Acenaphthylene	mg/kg	0.1	MCERTS	0.58	-	-	1.1	
Acenaphthene	mg/kg	0.1	MCERTS	0.63	-	-	0.53	
Fluorene	mg/kg	0.1	MCERTS	0.99	-	-	1.1	
Phenanthrene	mg/kg	0.1	MCERTS	12	-	-	13	
Anthracene	mg/kg	0.1	MCERTS	3.9	-	-	2.9	
Fluoranthene	mg/kg	0.1	MCERTS	31	-	-	20	
Pyrene	mg/kg	0.1	MCERTS	26	-	-	17	
Benzo(a)anthracene	mg/kg	0.1	MCERTS	12	-	-	7.5	
Chrysene	mg/kg	0.05	MCERTS	11	-	-	8.7	
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	13	-	-	10	
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	8.6	-	-	4.0	
Benzo(a)pyrene	mg/kg	0.1	MCERTS	12	-	-	8.2	
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	6.1	-	-	4.2	
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	1.5	-	-	0.88	
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	7.5	-	-	4.9	
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	148	-	-	104	
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	-	-	14	
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.7	-	-	0.7	
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	-	-	< 4.0	
Chromium (III)	mg/kg	1	NONE	28	-	-	27	
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28	-	-	27	
Copper (aqua regia extractable)	mg/kg	1	MCERTS	59	-	-	45	
Lead (aqua regia extractable)	mg/kg	1	MCERTS	84	-	-	160	
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	-	0.4	
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	21	-	-	24	
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	-	-	< 1.0	
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	26	-	-	31	
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	180	-	-	200	

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599301	599302	599303	599304	
Sample Reference				RSP01	RSP02	RSP03	RSP04	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	
Date Sampled				05/07/2016	05/07/2016	05/07/2016	05/07/2016	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	-	-	-	
Toluene	µg/kg	1	MCERTS	-	-	-	-	
Ethylbenzene	µg/kg	1	MCERTS	-	-	-	-	
p & m-xylene	µg/kg	1	MCERTS	-	-	-	-	
o-xylene	µg/kg	1	MCERTS	-	-	-	-	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	-	-	-	

Petroleum Hydrocarbons

TPH C10 - C40	mg/kg	10	MCERTS	1300	-	-	760	
TPH2 (C6 - C10)	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	
TPH C6 - C40	mg/kg	10	NONE	1300	-	-	760	
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	

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Analytical Report Number: 16-22251
Project / Site name: Green Park Village
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

"The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
599271	RTP701	1.40	140	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**
599272	RTP702	0.00-0.10	145	Loose Fibres & Insulation Lagging	**Chrysotile & Amosite**	0.010	**0.010**
599273	RTP703	1.70	140	Loose Fibres & Insulation Lagging	**Amosite**	0.006	**0.006**
599274	RTP704	0.30	135	Loose Fibres & Insulation Board/Tile	**Chrysotile & Amosite**	0.003	**0.003**
599275	RTP704	0.60	132	Loose Fibres	**Chrysotile & Amosite**	< 0.001	**< 0.001**
599277	RTP706	0.10	142	Loose Fibres	**Chrysotile & Crocidolite**	< 0.001	**< 0.001**
599278	RTP706	0.40	140	Loose Fibres	**Amosite**	< 0.001	**< 0.001**
599279	RTP707	0.10	136	Loose Fibres & Insulation Board/Tile	**Chrysotile**	0.557	**0.557**
599281	RTP708	0.10	137	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**
599282	RTP709	0.10	132	Insulation Board/Tile	**Chrysotile**	< 0.001	**< 0.001**
599283	RTP710	0.60	123	Hard/Cement Type Material & Loose Fibres	**Chrysotile & Amosite**	0.050	**0.050**
599284	RTP710	1.20	118	Loose Fibres	**Amosite**	< 0.001	**< 0.001**
599286	RTP711	0.60	137	Loose Fibres	**Chrysotile & Amosite**	< 0.001	**< 0.001**
599287	RTP711	1.10	140	Loose Fibres	**Chrysotile & Amosite**	< 0.001	**< 0.001**
599288	RTP712	0.10	125	Insulation Board/Tile	**Amosite**	< 0.001	**< 0.001**
599289	RTP713	0.20	129	Loose Fibres & Insulation Lagging & Hard/Cement Type Material	**Chrysotile & Amosite**	0.016	**0.016**
599290	RTP714	0.10	137	Insulation Lagging & Hard/Cement Type Material	**Chrysotile**	0.174	**0.174**

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Analytical Report Number: 16-22251
Project / Site name: Green Park Village
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

"The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
599291	RTP715	0.60	126	Loose Fibres	**Chrysotile & Amosite**	< 0.001	**< 0.001**
599292	RTP716	0.20	135	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**

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Analytical Report Number: 16-22251
Project / Site name: Green Park Village
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

"The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
599293	RTP716	0.50	129	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**
599294	RTP717	0.10	127	Loose Fibres & Insulation Lagging & Bitumen	**Chrysotile & Amosite**	0.017	**0.017**
599295	RTP718	0.10	134	Loose Fibres & Insulation Lagging & Insulation Board/Tile	**Chrysotile & Amosite**	0.004	**0.004**
599297	RTP721	0.10	139	Loose Fibres	**Chrysotile & Amosite**	< 0.001	**< 0.001**
599298	RTP722	0.60	130	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**
599299	RTP716A	0.10	121	Loose FIbres	**Chrysotile**	< 0.001	**< 0.001**
599300	RTP716A	0.70	119	Loose Fibres & Insulation Lagging	**Chrysotile & Amosite**	< 0.001	**< 0.001**
599301	RSP01		155	Insulation Lagging & Loose Fibres	**Chrysotile & Amosite**	0.004	**0.004**
599302	RSP02		146	Loose Fibres	**Amosite**	< 0.001	**< 0.001**
599303	RSP03		140	Insulation Lagging & Loose Fibres	**Chrysotile & Crocidolite & Amosite**	0.008	**0.008**
599304	RSP04		130	Insulation Lagging & Insulation Board/Tile	**Chrysotile & Amosite**	0.013	**0.013**

Opinions and interpretations expressed herein are outside the scope of UKAS accreditatior

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				602830	602831			
Sample Reference				RSP01	RSP04			
Sample Number				None Supplied	None Supplied			
Depth (m)				None Supplied	None Supplied			
Date Sampled				05/07/2016	05/07/2016			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Bulk Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Asbestos Identification Name	Type	N/A	ISO 17025	Chrysotile-Hard/cement type material	Chrysotile-Hard/Cement Type Material			

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599305	599306	599307	599308	
Sample Reference				RTP704	RTP710	RTP716	RTP721	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				0.30	2.40	0.50	0.10	
Date Sampled				06/07/2016	06/07/2016	07/07/2016	07/07/2016	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Leachate Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
General Inorganics								
pH	pH Units	N/A	ISO 17025	7.9	8.0	7.6	7.4	
Free Cyanide	µg/l	10	NONE	< 10	< 10	< 10	< 10	
Sulphate as SO_4	µg/l	100	ISO 17025	24200	3540	3650	105000	
Ammonium as NH_4	µg/l	15	NONE	500	450	470	340	
Dissolved Organic Carbon (DOC)	mg/l	0.1	NONE	7.02	4.57	5.40	5.09	
Hardness - Total	mgCaCO3/l	1	NONE	42.5	2.7	25.2	136	
Phenols by HPLC								
Catechol	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Resorcinol	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Ethylphenol & Dimethylphenol	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Cresols	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Naphthols	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Isopropylphenol	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Phenol	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Trimethylphenol	µg/l	0.5	NONE	< 0.5	< 0.5	< 0.5	< 0.5	
Total Phenols								
Total Phenols (HPLC)	µg/l	3.5	NONE	< 3.5	< 3.5	< 3.5	< 3.5	
Speciated PAHs								
Naphthalene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthylene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Fluorene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Phenanthrene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Anthracene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Fluoranthene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Pyrene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(a)anthracene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Chrysene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(b)fluoranthene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(k)fluoranthene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(a)pyrene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Indeno(1,2,3-cd)pyrene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Dibenz(a,h)anthracene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(ghi)perylene	µg/l	0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Total PAH								
Total EPA-16 PAHs	µg/l	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	

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Analytical Report Number: 16-22251

Project / Site name: Green Park Village

Lab Sample Number				599305	599306	599307	599308	
Sample Reference				RTP704	RTP710	RTP716	RTP721	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				0.30	2.40	0.50	0.10	
Date Sampled				06/07/2016	06/07/2016	07/07/2016	07/07/2016	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Leachate Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (dissolved)	µg/l	1.1	ISO 17025	7.0	10	3.6	3.9	
Boron (dissolved)	µg/l	10	ISO 17025	56	< 10	< 10	60	
Cadmium (dissolved)	µg/l	0.08	ISO 17025	< 0.08	< 0.08	< 0.08	< 0.08	
Chromium (hexavalent)	µg/l	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	
Chromium (dissolved)	µg/l	0.4	ISO 17025	1.6	< 0.4	0.4	2.4	
Copper (dissolved)	µg/l	0.7	ISO 17025	19	2.1	5.0	13	
Lead (dissolved)	µg/l	1	ISO 17025	7.8	< 1.0	< 1.0	6.2	
Mercury (dissolved)	µg/l	0.5	ISO 17025	< 0.5	< 0.5	< 0.5	< 0.5	
Nickel (dissolved)	µg/l	0.3	ISO 17025	3.1	1.5	2.1	3.2	
Selenium (dissolved)	µg/l	4	ISO 17025	< 4.0	11	< 4.0	< 4.0	
Vanadium (dissolved)	µg/l	1.7	ISO 17025	29	9.5	5.7	4.7	
Zinc (dissolved)	µg/l	0.4	ISO 17025	6.1	3.4	5.0	14	
Calcium (dissolved)	mg/l	0.012	ISO 17025	16	1.2	9.7	49	
Magnesium (dissolved)	mg/l	0.005	ISO 17025	0.51	< 0.005	0.20	3.4	
Petroleum Hydrocarbons								
TPH1 (C10 - C40)	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH2 (C6 - C10)	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH C6 - C40	ug/l	10	NONE	< 10	< 10	< 10	< 10	

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Analytical Report Number : 16-22251

Project / Site name: Green Park Village

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
599271	RTP701	None Supplied	1.40	Brown loam and clay with gravel.
599272	RTP702	None Supplied	0.00-0.10	-
599273	RTP703	None Supplied	1.70	-
599274	RTP704	None Supplied	0.30	Brown loam and sand with gravel and rubble.
599275	RTP704	None Supplied	0.60	-
599276	RTP705	None Supplied	1.00	-
599277	RTP706	None Supplied	0.10	-
599278	RTP706	None Supplied	0.40	-
599279	RTP707	None Supplied	0.10	-
599280	RTP707	None Supplied	0.90	Brown loam and clay with gravel.
599281	RTP708	None Supplied	0.10	-
599282	RTP709	None Supplied	0.10	-
599283	RTP710	None Supplied	0.60	-
599284	RTP710	None Supplied	1.20	-
599285	RTP710	None Supplied	2.40	Brown gravelly sand.
599286	RTP711	None Supplied	0.60	-
599287	RTP711	None Supplied	1.10	Brown gravelly sand.
599288	RTP712	None Supplied	0.10	-
599289	RTP713	None Supplied	0.20	Brown loam and sand with gravel and rubble.
599290	RTP714	None Supplied	0.10	-
599291	RTP715	None Supplied	0.60	Brown loam and sand with gravel and rubble.
599292	RTP716	None Supplied	0.20	-
599293	RTP716	None Supplied	0.50	Brown clay and sand.
599294	RTP717	None Supplied	0.10	-
599295	RTP718	None Supplied	0.10	-
599296	RTP720	None Supplied	0.20	-
599297	RTP721	None Supplied	0.10	Brown loam and sand with gravel.
599298	RTP722	None Supplied	0.60	-
599299	RTP716A	None Supplied	0.10	-
599300	RTP716A	None Supplied	0.70	-
599301	RSP01	None Supplied	None Supplied	Brown loam and sand with gravel.
599302	RSP02	None Supplied	None Supplied	-
599303	RSP03	None Supplied	None Supplied	-
599304	RSP04	None Supplied	None Supplied	Brown loam and sand with gravel.

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Analytical Report Number : 16-22251

Project / Site name: Green Park Village

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Ammonium as NH4 in leachate	Determination of Ammonium/Ammonia/Ammoniacal Nitrogen by the colorimetric salicylate/nitroprusside method.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	NONE
Asbestos identification in Bulks	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	W	ISO 17025
Asbestos Quantification - Gravimetric	The analysis was carried out using documented in-house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006	D	ISO 17025
Boron in leachate	Determination of boron in leachate. Sample acidified and followed by ICP-OES.	In-house method based on MEWAM	L039-PL	W	ISO 17025
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
D.O. for Gravimetric Quant if Screen/ID positive	Dependent option for Gravimetric Quant if Screen/ID positive scheduled.	In house asbestos methods A001 & A006.	A006-PL	D	NONE
Dissolved Organic Carbon in leachate	Determination of dissolved organic carbon in leachate by the measurement on a non-dispersive infrared analyser of carbon dioxide released by acidification.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L023-PL	W	NONE
Free cyanide in leachate	Determination of free cyanide by distillation followed by colorimetry.	In-house method	L080-PL	W	NONE
Free cyanide in soil	Determination of free cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Hexavalent chromium in leachate	Determination of hexavalent chromium in leachate by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Metals by ICP-OES in leachate	Determination of metals in leachate by acidification followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Organic matter in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L023-PL	D	MCERTS
pH in leachate	Determination of pH in leachate by electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L005-PL	W	ISO 17025

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Analytical Report Number : 16-22251

Project / Site name: Green Park Village

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L099-PL	D	MCERTS
Phenols, speciated, in leachate, by HPLC	Determination of speciated phenols by HPLC.	In house method based on Blue Book Method.	L030-PL	W	NONE
Speciated EPA-16 PAHs in leachate	Determination of PAH compounds in leachate by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L102B-PL	W	NONE
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate in leachates	Determination of sulphate in leachate by acidification followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Total Hardness of leachates	Determination of hardness in leachates by calculation from calcium and magnesium.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L045-PL	W	NONE
TPH Banding in Soil by FID	Determination of hexane extractable hydrocarbons in soil by GC-FID.	In-house method, TPH with carbon banding.	L076-PL	W	MCERTS
TPH C6 - C40 (leachate)	Determination of TPH in leachate by HS-GC-MS and GC-MS	In-house method	L070-PL	W	NONE
TPH C6 - C40 (soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method	L076-PL	W	NONE
TPH1 (Leachates)	Determination of dichloromethane extractable hydrocarbons in leachate by GC-MS.	In-house method	L070-PL	W	NONE
TPH2 (Leachates)	Determination of hydrocarbons C6-C10 by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method	L076-PL	W	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

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APPENDIX D - LEGISLATIVE CONTEXT AND GROUND CONTAMINATION ASSESSMENT METHODOLOGIES, SCREENING SHEET AND GAC

1. LEGISLATIVE CONTEXT

1.1.1. England

The regime for contaminated land was set out in Part 2A (ss.78A-78YC) of the Environmental Protection Act 1990 (EPA), as inserted by S.57 of The Environment Act 1995 and came into effect in England on 1st April 2000 as The Contaminated Land (England) Regulations 2000 (SI 2000/227). These regulations were subsequently revoked with the provision of The Contaminated Land (England) Regulations 2006 (SI 2006/1380) (as amended), which came into force in August 2006, and consolidated the previous regulations and amendments. Revised statutory guidance ("the Guidance") for local authorities on how to implement the regime, including the decision-making process on whether land is contaminated land in the legal sense, has been published by Defra and entered into force in April 2012.

Under Part 2A of the EPA Section 78A(2), "contaminated land" is defined as "land which appears… to be in such a condition, by reason of substances in, on or under the land, that –

a) significant harm is being caused or there is a significant possibility of such harm being caused; or

b) significant pollution of controlled waters is being caused, or there is a significant possibility of such pollution being caused".

1.1.2. Wales

The regime for contaminated land was set out in Part 2A (ss.78A-78YC) of the Environmental Protection Act 1990 (EPA), as inserted by S.57 of The Environment Act 1995 and came into effect in Wales on 1st July 2001 as The Contaminated Land (Wales) Regulations 2001 (WSI 2001/2197, W.157). These regulations were subsequently revoked with the provision of The Contaminated Land (Wales) Regulations 2006 (SI 2006/2989 W.278), which consolidated the previous regulations and amendments and added in provisions regarding radioactive contaminated land. These regulations came into force on 10th December 2006 and were accompanied by statutory guidance published by the Welsh Assembly Government in December 2006 ('the Guidance') for local authorities on how to implement the regime. The 2006 statutory guidance was replaced by the Contaminated Land Statutory Guidance - 2012 (WG19243), issued by the Welsh Government.

Under Part 2A of the EPA Section 78A(2), "contaminated land" is defined as "land which appears… to be in such a condition, by reason of substances in, on or under the land, that –

a) significant harm is being caused or there is a significant possibility of such harm being caused; or

b) pollution of controlled waters is being, or is likely to be caused" (Section 86 of the Water Act 2003 remains only partially implemented in Wales).

1.1.3. Scotland

The regime for contaminated land was set out in Part 2A (ss.78A-78YC) of the Environmental Protection Act 1990 (EPA), as inserted by S.57 of The Environment Act 1995 and came into effect in Scotland on 14th July 2000 as The Contaminated Land (Scotland) Regulations 2000 (SSI 2000/ 178). These regulations were subsequently revoked with the provision of The Contaminated Land (Scotland) Regulations 2005 (SSI 2005 /658), which came into force in April 2006 and consolidated the previous regulations and amendments and were accompanied by statutory guidance published by

the Scottish Government in May 2006 ('the Guidance') for local authorities on how to implement the regime.

Under Part 2A of the Environmental Protection Act 1990, "contaminated land" is defined in the Contaminated Land (Scotland) Regulations 2005 (as amended) as land which appears to the local authority to be in such a condition, by reason of substances in, on or under the land, that:

a) significant harm is being caused, or there is a significant possibility of such harm being caused; or

b) significant pollution of the water environment is being caused or there is a significant possibility of such pollution being caused.

1.1.4. Northern Ireland

The regime for Contaminated Land in Northern Ireland was set out in the Waste and Contaminated Land (Northern Ireland) Order 1997 (as amended). Part 3 of the Waste and Contaminated Land (Northern Ireland) Order 1997 contains the main legal provisions for the introduction of a contaminated land regime in Northern Ireland, but the regime is not yet in operation. It is noted that the Contaminated Land (Northern Ireland) Regulations 2006 and associated statutory guidance were published in draft for consultation in 2006, but have yet to be finalised. Under Part 3 of the 1997 Order, contaminated land is defined as,

"any land which appears to a district council in whose district it is situated to be in such a condition, by reason of substances in, on or under the land, that -

(a) significant harm is being caused or there is a significant possibility of such harm being caused; or

(b) pollution of waterways or underground strata is being, or is likely to be, caused.

"Significant harm" is defined in the draft guidance on risk based criteria and must be the result of a "pollutant linkage", which may be assessed using qualitative risk assessment models. The presence of a pollutant linkage relies on the Source-Pathway-Receptor concept, where all three factors must be present and potentially or actually linked for a potential risk to exist.

1.1.5. The Channel Islands

There is no formal contaminated land regime in the Channel Islands, as they are not part of the UK, and as such they usually adopt either the English or French legislation or create their own.

1.1.6. Isle of Man

There is no formal contaminated land regime in the Isle of Man, and they usually adopt a best 'practice approach' from a European country of choice on this basis.

1.1.7. Risk assessment Framework

"Significant harm" or "significant pollution of controlled waters" is defined in the Guidance on risk based criteria and must be the result of one or more relevant 'contaminant linkages' relating to the land.

The presence of a contaminant linkage relies on the Source-Pathway-Receptor concept, where all three factors must be present and potentially or actually linked for a potential risk to exist. For a risk of pollution or environmental harm to occur as a result of ground contamination, all of the following elements must be present:

- A source - a substance that is capable of causing pollution or harm;
- A receptor - something which could be adversely affected by the contaminant; and

- A pathway - a route by which the contaminant can reach the receptor.

If one of these elements is absent there can be no significant risk. If all are present then the magnitude of the risk is a function of the magnitude and mobility of the source, the sensitivity of the receptor and the nature of the migration pathway.

The Environment Agency Contaminated Land Report CLR 11 Model Procedures for the Management of Land Contamination provides the technical framework for structured decision making about land contamination. CLR 11 advocates a phased approach to risk assessment comprising:

- Preliminary Risk Assessment (PRA) − desk study and qualitative assessment
- Generic Quantitative Risk Assessment (GQRA) − assessment of contaminant concentrations against generic assessment criteria.
- Detailed Quantitative Risk Assessment (DQRA) − detailed site specific risk assessment and development of site-specific assessment criteria.

Each of these phases follows the same basic steps buts adds site specific details and further certainty into the assessment as the stages progress. The basic steps are:

- Hazard identification and hazard assessment − development or refinement of the source-pathway-receptor conceptual model, and identification of potential pollutant linkages.
- Risk Estimation − qualitative risk estimation predicting magnitude and probability of potential consequences that may arise as a result of a hazard.
- Risk Evaluation − deciding whether a risk is unacceptable.

2. RISK ESTIMATION

An assessment of environmental risks is made for each potential pollutant linkage identified.

Risk estimation has been completed in accordance with the guidance provided in:

- NHBC and Environment Agency 2008. Guidance for the Safe Development of Housing on Land Affected by Contamination. R&D Publication 66: 2008.

The following is taken directly from NHBC/EA 2008. The key to the classification is that the designation of risk is based upon the consideration of both:

a) the magnitude of the potential consequence (*i.e.*, severity) [takes into account both the potential severity of the hazard and the sensitivity of the receptor];

b) the magnitude of probability (*i.e.*, likelihood) [takes into account both the presence of the hazard and receptor and the integrity of the pathway].

Table 1: Classification of Consequence (after NHBC/EA 2008)

Category	Definition
Severe	Highly elevated concentrations **likely** to result in "significant harm" to human health as defined by the EPA 1990, Part 2A, if exposure occurs. Equivalent to EA **Category 1** pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce. Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population. Catastrophic damage to crops, buildings or property.
Medium	Elevated concentrations which could result in "significant harm" to human health as defined by the EPA 1990, Part 2A if exposure occurs. Equivalent to **EA Category 2** pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce. Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population. Significant damage to crops, buildings or property.
Mild	Exposure to human health **unlikely** to lead to "significant harm". Equivalent to **EA Category 3** pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce. Minor or short lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population. Minor damage to crops, buildings or property.
Minor	No measurable effect on humans. Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems. Repairable effects of damage to buildings, structures and services.

* For these purposes, disease is to be taken to mean an unhealthy condition of the body or a part of it and can include, for example, cancer, liver dysfunction or extensive skin ailments. Mental dysfunction is included only insofar as it is attributable to the effects of a pollutant on the body of the person concerned.

The likelihood of an event (probability) takes into account both the presence of the hazard and target and the integrity of the pathway and has been assessed based on the categories given below.

Table 2: Classification of Probability (after NHBC/EA 2008)

Category	Definition
High Likelihood	There is pollutant linkage and an event would appear very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution.
Likely	There is pollutant linkage and all the elements are present and in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short-term and likely over the long-term.
Low Likelihood	There is pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.
Unlikely	There is pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.

The potential severity of the risk and the probability of the risk occurring have been combined in accordance with the following matrix in order to give a level of risk for each potential hazard.

Table 3: The Classification of Risk (after NHBC/EA 2008)

		Consequence			
		Severe	**Medium**	**Mild**	**Minor**
Probability	**High Likelihood**	**Very high**	High	Moderate	Low
	Likely	High	Moderate	Moderate/ Low	Low
	Low Likelihood	Moderate	Moderate/ Low	Low	Very low
	Unlikely	Moderate/ Low	Low	Very low	Very low

Very high risk

There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.

High risk

Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.

Moderate risk

It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term.

Low risk

It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.

Very low risk

It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild or minor.

No potential risk

There is no potential risk if no pollution linkage has been established.

3. GQRA METHODOLOGIES

In order to assess the significance of the chemical concentrations recorded, generic assessment criteria (GAC) must be selected. The GAC are screening concentrations which are used initially for direct comparison to the measured site concentrations.

The GAC are defined based on the critical receptors identified at the site. Receptors are considered in relation to:

- Human health receptors (*e.g.*, site users);
- The water environment (*e.g.*, groundwater and surface water).

Potential risks to human health are considered primarily using measured concentrations of chemicals in soil. Potential risks to the water environment are considered primarily using soil leachate and groundwater concentrations as indicative of the potentially mobile fraction of any soil impact.

Additional receptors may be relevant dependent on the site *e.g.*, flora/fauna, water supply pipes, buried concrete.

3.1. Human Health Assessment

3.1.1. Initial Screening Assessment

In accordance with current UK guidance on legislation including Part 2A of the Environmental Protection Act 1990 and based on the principles of risk assessment, Ramboll Environ (REH) has derived generic assessment criteria (GAC) for interpretation of soil and groundwater chemical analysis. The Ramboll Environ GAC are considered to be threshold based screening concentrations, at which a significant risk is not considered to be present to the relevant receptors.

The Ramboll Environ REH GAC for soil assessment are based on the generic scenarios outlined in the Contaminated Land Exposure Assessment (CLEA) methodology and guidance documents (incorporating Science Reports SC050021/SR2 (January 2009), SR3 (January 2009), SR4 (September 2009) and the SGV reports (2009)). The generic scenarios include inhalation, ingestion, dermal contact of soil and dust as pathways for commercial and residential scenarios; as well as ingestion of homegrown produce for residential with gardens scenario. In addition, REH GAC have also been derived for the two Public Open Space land uses defined in C4SL guidance (outlined below).

The GAC have been calculated by use of two proprietary risk assessment models (CLEA Version 1.071 and the American Society for Testing Materials Risk Based Corrective Action RBCA Tool Kit Version 2.6 for Chemical Releases) which have been altered, where necessary, to reflect the current UK approach to human health risk assessment as set out in the Contaminated Land Report (CLR) 11 and the CLEA guidance documents. The physiochemical data has been taken from or derived using the methodology detailed in SR7 (November 2008) and SGV reports (2009), where feasible. The toxicology data has been taken from the current published EA toxicology documents. We have referred to all current publications and guidance issued up until 1st May 2016.

Reference has been made to the Defra-funded research project (SP1010), which developed a methodology to derive Category 4 Screening Levels (C4SLs) for six contaminants (benzo-a-pyrene, cadmium, arsenic, benzene, hexavalent chromium and lead). SP1010 provides technical tools and advice to be developed to help regulators and others to conform to the requirements of revised Part 2A Statutory Guidance. The C4SLs are therefore less conservative than GAC developed in accordance with published CLEA guidance as they describe a low risk as opposed to minimal risk scenario. However,

consistent with the developed GAC, sites below the C4SLs are within Category 4 (lowest risk category) and therefore considered suitable for use.

Defra's SP1010 Policy Companion document (DEFRA, Dec 2014) states that where a C4SL value has been derived for a contaminant where a Soil Guideline Value (as published by the EA 2009) exists, it is anticipated that risk assessors will use the C4SL value in line with Part 2A Statutory Guidance. In the absence of a suitable C4SL, risk assessors should identify and select appropriate GAC in accordance with established good practice. On this basis, Ramboll Environ has adopted the use of C4SLs however minimal risk assumptions have been applied in-house REH GAC for other contaminants of concern within our screening assessments.

The C4SLs for the six compounds published, are based on a sandy loam soil with 6% soil organic matter (SOM). The 6% SOM and sandy loam soil type is not considered by Ramboll Environ to be realistic of 'typical' UK soil conditions, and EA guidance ('Using Soil Guideline Values' EA, 2009) states that at 6% SOM, GAC may not be sufficiently protective (i.e. the values are too high to be sufficiently certain that they describe land where there is no risk to human health or the risk is negligible). For the Ramboll Environ GAC, all the C4SL inputs have been used apart from the SOM and soil type, which were amended to 1% and sand; thereby ensuring a suitably conservative Ramboll Environ GAC appropriate for most soils and Made Ground encountered in the UK. It is noted that none of the screening criteria used in the UK, including the C4SLs, have a statutory basis.

Ramboll Environ also attended the Land Quality Management and Chartered Institute of Environmental Health workshop for the collaborative development of 'Suitable 4 Use Levels' (S4ULs) and reference has been made to their publication 'The LQM/CIEH S4ULs for Human Health Risk Assessment, 2015'.

Review of additional UK organisation guidance including Contaminated Land: Applications in Real Environments (CL:AIRE) and partners GAC, including addendums up until 10 April 2012 has also been made. Soil Guideline Values (EA/DEFRA, 2009) may also be referred to if relevant. Finally, where necessary, other published sources of (non-UK) information, such as the RBCA V2.6 database has also been reviewed.

Contaminant concentrations below the adopted GAC are not considered to present a significant risk to identified receptors and therefore are not considered to warrant further study. Contaminants which are recorded at concentrations above their respective GAC are considered to present a potential risk to identified receptors and resultantly these determinants are subject to further assessment.

3.1.2. Contaminant Distribution Assessment

Concentrations above the GAC are considered further in relation to vertical and lateral distribution across the site and through statistical analysis, where appropriate. This analysis is used to define 'averaging areas' within which contamination concentrations and distribution are considered likely to be similar.

For each averaging area, where appropriate, statistical analysis is then used to calculate a 'representative' concentration for each contaminant within that area and identify possible outliers of the underlying distribution of contaminant concentrations. This analysis is completed in accordance with CIEH 2008 guidance.

The initial statistical tests are used to calculate the 95% probability that the true population mean falls below the critical concentration (GAC). In practise, this involves comparing the 95th Upper Confidence Limit of the true population mean with the GAC. The Maximum Value test is then used to identify whether the maximum concentration is likely to lie outside of the assumed distribution trend and as such would represent an outlier of the general population of data across the site. Outliers above the GAC may represent localised contaminant hotspots and require further consideration.

Constituent non-detects are conservatively assigned a value equal to the reported analytical laboratory limit of detection. Any identified true outliers are excluded from the datasets used in calculation of the 95%UCL value.

3.2. Assessment for the Water Environment

Assessment of risks to water resources is completed in general accordance with guidance provided in the Environment Agency 2013, Groundwater Protection Principles and Practice (GP3) for England and Wales and with reference to SEPA guidance WAT−PS-10-01 in Scotland.

Generic assessment criteria for waters must be selected to assess potential risks to the identified environmental receptors.

In the absence of relevant published water assessment criteria, the potential risk to human health from contaminated surface and groundwater and the potential risk to the aquatic environment from entry of pollutants (either directly or via a groundwater pathway) has been assessed using commonly accepted UK guidelines including the Water Supply (Water Quality) (England) Regulations 2000 (known as the Drinking Water Standards, or DWS) and the Environmental Quality Standards (EQS) defined in European legislation such as the Water Framework Directive (WFD) (2000/60/EC).

Minimum reporting values are also considered for hazardous substances for assessment of risks to groundwater resources in order to comply with the requirements of the guidance to 'prevent' input of hazardous substances to groundwater.

4. GROUND GAS RISK ASSESSMENT

Ground gas risk is characterised using guidance provided in the following:

- CIRIA C665, 2007. Assessing risks posed by hazardous ground gases to buildings. (Supersedes CIRIA 659).
- NHBC / RSK, 2007. Guidance on evaluation of development proposals on sites where methane and carbon dioxide are present. Report Ed 4.
- BS8485: 2007 Code of practice for the characterization and remediation from ground gas in affected developments.
- BS8576:2013. Guidance on investigations for ground gas – Permanent gases and Volatile Organic Compounds (VOCs)

The risk posed by a gas regime is assessed initially by calculating a Gas Screening Value using a combination of the gas flow rate and recorded concentrations of carbon dioxide and methane. This Gas Screening Value is then used in combination with the maximum recorded gas concentrations to determine the site's Characteristic Situation (CIRIA 665 – all site uses except low rise residential) or Traffic Light Classification (NHBC/RSK 2007 low rise residential sites only). Table A below outlines the method for defining the Characteristic Situation as detailed in CIRIA 665 and Table B outlines the method for defining the Traffic Light classification as detailed in NHBC/RSK 2007.

Table A: Proposed method for classifying gassing sites (after CIRIA C665 2007)

Characteristic Situation	Risk classification	Gas screening value of CH_4 or CO_2 (l/hr)[a]	Additional limiting factors	Typical source of generation
1	Very low risk	<0.07	Typically methane ≤ 1% and/or carbon dioxide ≤ 5%. Otherwise consider increase to Situation 2	Natural soils with low organic content. "Typical" Made Ground
2	Low risk	<0.7	Borehole air flow rate not to exceed 70l/hr. Otherwise consider increase to Characteristic Situation 3	Natural soil, high peat/organic content. "Typical" Made Ground
3	Moderate risk	<3.5	-	Old landfill, inert waste, mineworking flooded
4	Moderate to high risk	<15	Quantitative risk assessment required to evaluate scope of protective measures	Mineworking -susceptible to flooding, completed landfill, inert waste (WMP 26B criteria)
5	High risk	<70	-	Mineworking unflooded inactive with shallow workings near surface
6	Very high risk	>70	-	Recent landfill site

[a] Gas screening value = gas concentration (%) x measured borehole flow rate (l/hr)

Table B: Proposed method for classifying gassing sites (after NHBC/RSK 2007)

Traffic Light	Methane1		Carbon Dioxide1	
	Typical Maximum Concentration5 (%v/v)	Gas Screening Value (GSV)2,4,6 litres per hour	Typical Maximum Concentration5	Gas Screening Value (GSV)2,3,4,5

			(%v/v)	litres per hour
Green				
Amber 1	1	0.16	5	0.78
Amber 2	5	0.63	10	1.56
Red	20	1.56	30	3.13

The CIRIA, NHBC and BS8485 guidance documents are then used to determine requirements for gas protection measures based on the site classification.

5. WATER SUPPLY PIPES

The assessment has been completed in accordance with the current UK guidance:

- Water UK. Jan 2014. Contaminated Land Assessment Guidance.
- UKWIR UK Water Industry Research Ltd, 2010. Guidance for Selection of Water Supply Pipes to be used in Brownfield Sites.

This guidance provides threshold concentrations for different pipe material for various chemical groups.

The pipeline materials considered by the guidance are PE, PVC, wrapped steel, wrapped ductile iron or copper pipe and barrier pipe. PE and PVC are assessed using threshold concentrations for various chemical groups including volatile organic compounds (VOC) with tentatively identified compounds (TICs), semi-volatile organic compounds (SVOC) with TICs, and mineral oils. Wrapped steel, wrapped ductile iron and copper pipe are assessed using corrosive properties.

Regional water companies may have adopted additional more stringent thresholds which they apply locally, thus consultation with the water authority must always be completed prior to final determination of water supply pipe materials.

6. WASTE CLASSIFICATION

The main steps in classifying waste are:

1. Is it really a waste or can it be reused, recycled or recovered?
2. If the material is not to be utilised in some way and it is waste then classify to ascertain if hazardous or non-hazardous. In order to do this, guidance regarding the definition and classification of hazardous waste is utilised, the two main documents being EA, 2015 'Technical Guidance WM3: Waste Classification - Guidance on the classification and assessment of waste' and the European Waste Catalogue (EWC 2002).
3. Use the results of this initial waste classification to follow one of the following routes:

<table>
<tr><th colspan="3">Hazardous</th><th colspan="2">Non-Hazardous</th><th></th></tr>
<tr><td colspan="3">Pre-treat the waste.</td><td colspan="2">Thought likely to be inert:
(e.g. insoluble and inorganic in nature)</td><td>Thought unlikely to be inert:
(e.g. may contain peat or other high organic content material)</td></tr>
<tr><td colspan="3">Complete WAC (Waste Acceptance Criteria) testing to determine class of landfill it can go to or any requirement for further pre-treatment if WAC fails.</td><td colspan="2">Complete WAC test to determine class of landfill it can be disposed to</td><td>-</td></tr>
<tr><td>Pass stable non-reactive hazardous WAC: dispose of at SNRHW landfill.</td><td>Pass hazardous WAC: dispose of at hazardous landfill.</td><td>Fail: further remedial action required</td><td>Pass: dispose of at inert landfill</td><td>Fail: dispose of at non-hazardous landfill</td><td>Dispose to non-hazardous landfill (no WAC testing required by WM3).</td></tr>
</table>

The landfill regulations (Environment Agency, 2011 Treatment of Waste for Landfill) prescribe that hazardous waste requires pre-treatment prior to disposal to landfill. This may include physical sorting at the point of production on site, by sorting of waste soils into separate stockpiles of eg topsoil, made ground and natural gravels.

6.1. Methodology

In terms of the EWC, the soil to be excavated from this site for disposal is classed as 'Soil and Stones containing Dangerous Substances' (EWC Code 170503) or 'Soil and Stones other than those mentioned in EWC Code 170503' (EWC Code 170504). As such it is what is known as a 'Mirror Entry waste' and needs to be assessed against Threshold Levels for certain dangerous substances in order to confirm whether it needs to be classified as hazardous (170503) or non-hazardous (170504).

Data from site soil chemical testing have been assessed to classify the site soils. The assessment has been undertaken using HazWasteOnline ™, a web-based tool for classifying waste. The software utilises Environment Agency guidance and European regulations to classify samples in line with current requirements.

The assessment provided in this report fulfils the requirement of step 2 above, and allows classification of the site soils and hazardous or non-hazardous.

Asbestos: The Hazardous Waste (England and Wales) Regulations 2005 requires that any waste having an asbestos content greater than 0.1% weight/weight (w/w) be classified as Hazardous Waste. Any waste with an asbestos content of less than 0.1% w/w can be classified as non-hazardous waste, unless there are other contaminants present which would make the waste hazardous.

Where fibrous asbestos is present at concentrations greater than 0.001%, these can be considered to pose a risk to human health and must be dealt with as hazardous soils for disposal purposes.

Where the asbestos is deemed to be of a fibrous nature the Health and Safety Executive (HSE) require that the handling of the material is undertaken by a suitably licensed company. The Carriage of Dangerous Goods (etc.) Regulations 2009 (CDG2009) applies in this instance.

RAMBOLL ENVIRON	Generic Assessment Criteria (GAC) for soils - to be protective of human health						REH UK - Soil GAC - v1 April 2016
Pathway	**Units**	**Residential**	**Residential without homegrown produce**	**Public Open Space 1 Green space close to housing**	**Public Open Space 2 Green space far enough from housing for negligible tracking back of soil**	**Commercial / Industrial**	**Theoretical Saturation Limit**
C4SL Compounds							
Arsenic	mg/kg	37	40	79	170	640	NR
Benzene	mg/kg	0.15	0.37	140	140	15	1100
Benzo(a)pyrene	mg/kg	5	5.3	10	21	76	0.91
Chromium VI	mg/kg	21	21	21	250	49	NR
Lead	mg/kg	200	310	630	1300	2300	NR
Cadmium	mg/kg	22	150	220	880	410	NR
Common compounds							
Metals							
Aluminium	mg/kg	40000	44000	71000	330000	370000	NR
Antimony	mg/kg	610	620	1100	3300	7400	NR
Arsenic	mg/kg	37	40	79	170	640	NR
Barium	mg/kg	1300	1300	2700	5800	22000	NR
Beryllium	mg/kg	1.7	1.7	2.2	63	12	NR
Boron	mg/kg	290	11000	21000	46000	240000	NR
Cadmium	mg/kg	22	150	220	880	410	NR
Chromium (III)	mg/kg	910	910	1500	33000	8600	NR
Chromium VI	mg/kg	21	21	21	250	49	NR
Copper	mg/kg	2400	7100	12000	44000	68000	NR
Lead	mg/kg	200	310	630	1300	2300	NR
Mercury - Elemental	mg/kg	0.1	0.1	16	22	8.9	26
Mercury - Inorganic	mg/kg	40	56	120	240	1100	NR
Mercury - Methylmercury	mg/kg	7.6	9	39	66	290	300
Molybdenum	mg/kg	670	670	1400	2900	18000	NR
Nickel	mg/kg	180	180	230	6600	980	NR
Selenium	mg/kg	250	430	1100	1800	12000	NR
Tributyl tin oxide	mg/kg	0.26	2.5	30	46	130	241
Vanadium	mg/kg	410	1200	2000	5000	9000	NR
Zinc	mg/kg	3700	40000	81000	170000	730000	NR
Miscellaneous							
Cyanide	mg/kg	26	49 [1]	49 [1]	49 [1]	49 [1]	NR
Phenol	mg/kg	110	380 [2]	380 [2]	380 [2]	380 [2]	20000
BTEX, MTBE							
Benzene	mg/kg	0.15	0.37	140	140	15	1100
Ethylbenzene	mg/kg	26	34	23000	10000	3200	510
Toluene	mg/kg	100	370	55000	70000	33000	840
Xylene-m	mg/kg	29	34	38000	9600	3400	610
Xylene-o	mg/kg	31	37	38000	9900	3700	470
Xylene-p	mg/kg	28	33	38000	9400	3300	560
Methyl tert-butyl ether	mg/kg	31	39	74000	71000	3800	17000
Total Petroleum Hydrocarbons (TPH)							
TPH Aliphatic C5-6	mg/kg	24	24	530000	55000	2400	370
TPH Aliphatic C6-8	mg/kg	53	53	560000	81000	5300	160
TPH Aliphatic C8-10	mg/kg	13	13	12000	8700	1300	79
TPH Aliphatic C10-12	mg/kg	62	62	13000	16000	6100	48
TPH Aliphatic C12-16	mg/kg	510	510	13000	23000	43000	24
TPH Aliphatic C16-35	mg/kg	41000	42000	250000	410000	1000000	8.5
TPH Aliphatic C35-44	mg/kg	41000	42000	250000	410000	1000000	8.5
TPH Aromatic C8-10	mg/kg	20	22	5000	4800	2200	610
TPH Aromatic C10-12	mg/kg	63	120	5000	7900	11000	360
TPH Aromatic C12-16	mg/kg	140	1100	5000	9800	35000	170
TPH Aromatic C16-21	mg/kg	260	1900	3800	7900	29000	54
TPH Aromatic C21-35	mg/kg	1100	1900	3800	7900	29000	4.8
TPH Aromatic C35-44	mg/kg	1100	1900	3800	7900	29000	4.8
TPH Ali&Aro C44-70	mg/kg	1600	1900	3800	7800	28000	0.29
Polyaromatic Hydrocarbons (PAHs)							
Acenaphthene	mg/kg	200	2000	15000	28000	75000	57
Acenaphthylene	mg/kg	170	2000	15000	28000	76000	86
Anthracene	mg/kg	2300	30000	74000	150000	520000	1.2
Benz(a)anthracene [3]	mg/kg	7.5	12	29	54	170	1.7
Benzo(a)pyrene [3]	mg/kg	5	5.3	10	21	76	0.91
Benzo(b)fluoranthene [3]	mg/kg	2.6	4	7.2	15	45	1.2
Benzo(ghi)perylene [3]	mg/kg	320	360	640	1500	3900	0.015
Benzo(k)fluoranthene [3]	mg/kg	77	110	190	420	1200	0.69
Chrysene [3]	mg/kg	15	30	57	110	350	0.44
Dibenz(ah)anthrancene [3]	mg/kg	0.24	0.31	0.57	1.3	3.5	0.0039
Fluoranthene	mg/kg	280	1500	3100	6300	23000	19
Fluorene	mg/kg	170	2200	9900	19000	60000	31
Indeno(123-cd)pyrene [3]	mg/kg	27	45	82	170	510	0.06
Naphthalene	mg/kg	0.99	0.99	4900	670	110	75
Phenanthrene	mg/kg	95	1300	3100	6200	22000	36
Pyrene	mg/kg	620	3700	7400	15000	54000	2.2

Assumptions

C4SL exposure scenario adopted (DEFRA SP1010 2013 - C4SL documents).
Soil: Sand
Soil organic matter (SOM) 1%
Modelling package used: CLEA 2015 (Environment Agency, 2015)
Toxicitiy data sourced in accordance with Environment Agency defined heirarchy of data sources, based on minimal risk with the exception of the published C4SL compounds which are based on a low risk level.

Notes

[1] Cyanide capped for all scenarios at value calcuated based on acute toxicity.

[2] Phenols capped based on EA approach to limit phenol to 1% by weight in soil solution (Phenol SGV report)

[3] Benzo(a)pyrene used as surrogate marker for PAHs in grey. Likely to be applicable to the majority of sites. Only use GAC in grey if bap marker approach not applicable.

Water Quality Thresholds

Shortlist for England, Wales and Scotland.

This shortlist is designed to be used as a quick screening tool to represent a worst case for common contaminants only.

Refer to detailed sheets for all other contaminants and specific receptor thresholds.

		Drinking water resource protection - Shortlist DWS (standard taken in accordance with heirarchy)	Shortlist Freshwater Surface Water Standards
		Hazardous substances (highlighted) For sites with gw resource potential - screen to Method detection limit	
Metals			
Aluminium	µg/l	150	
Antimony	µg/l	5	
Arsenic	µg/l	7.5	50
Barium	mg/l	0.7	
Beryllium	mg/l	0.004	
Boron	mg/l	0.75	
Cadmium and its compounds	µg/l	3.75	≤0.08 (Class1)[15] 0.08 (Class 2) 0.09 (Class3) 0.15 (Class 4) 0.25 (Class 5)
Chromium(III)	µg/l	37.5	4.7
Chromium(VI)	µg/l		3.4
Copper	µg/l	1500	1µg/l bioavailable***
Iron	µg/l	200	1000
Lead and its compounds (dissolved)	µg/l	7.5	1.2 bioavailable
Manganese	µg/l	50	123 µg/l bioavailable***
Mercury	µg/l	0.75	0.07
Nickel	µg/l	15	4 bioavailable***
Selenium	µg/l	7.5	
Zinc	µg/l	-	10.9 bioavailable plus Ambient Background Concentration (µg/l) dissolved***
PAH			
Polyaromatic hydrocarbons (PAH) (sum of b(b)fl, b(k)fl, ind(123cd)p, b(ghi)p)	µg/l	0.1	not applicable
Anthracene	µg/l	-	0.1
Benzo(a)pyrene	µg/l	0.0075	1.7x10-4**
Benzo(b)fluoranthene	µg/l	0.075	
Benzo(k)fluoranthene			**
Benzo(g,h,i)- perylene			
Indeno(1,2,3- cd)-pyrene			
Fluoranthene	µg/l	0.075	0.0063
Naphthalene	µg/l	0.07	2
BTEX			
Benzene	µg/l	0.75	10
Ethylbenzene	µg/l	300	
Toluene	µg/l	700	74
Xylenes (total)	µg/l	500	
TPH	µg/l	10	
MISC			
Ammonia (as N)	µg/l	200	21
Ammonium (NH_4)	µg/l	500	200
Cyanide (free)	µg/l	50	1
Electrical conductivity	µS/cm	1880	
Fluoride	mg/l	1.13	
Nitrate (NO3)[9]	mg/l	37.5	
Nitrite (NO_2)	mg/l	0.5	
Phenol	µg/l	-	7.7
Phosphate (as P)	µg/l	-	
Sodium	mg/l	150	
Sulphate	mg/l	188	

Zn, Cu, Ni bioavailable concentration to be calculated in separate sheet (m-BAT tool 20150206 with test data)
m-BAT tool 20150206 with test data.xlsm
Pb - bioavailable concentration to be calculated in separate sheet (Final Pb Screening Tool)
Final Pb Screening Tool.xlsm

[15] Class 1: <40 mg CaCO3/l
Class 2: 40 - <50 mg CaCO3/l
Class 3: 50 - <100 mg CaCO3/l
Class 4: 100 - <200 mg CaCO3/l
Class 5: ≥200 mg CaCO3/l

Analytical Report Number: 16-22251
Project / Site name: Green Park Village

RAMBOLL

Lab Sample Number					599271	599272	599273	599274	599275	599276	599277	599278	599279	599280	599281	599282	599283	599284	599285	599286	599287	599288	599289	599290	599291	599292	599293	599294	599295	599296	599297	599298	599299	599300	599301	599302	599303	599304
Sample Reference					RTP701	RTP702	RTP703	RTP704	RTP704	RTP705	RTP706	RTP706	RTP707	RTP707	RTP708	RTP709	RTP710	RTP710	RTP711	RTP711	RTP712	RTP713	RTP713	RTP714	RTP715	RTP716	RTP716	RTP717	RTP718	RTP720	RTP721	RTP722	RTP714A	RTP716A	BSP01	BSP02	BSP03	BSP04
Depth (m)					1.40	0.00-0.10	1.70	0.30	0.60	1.00	0.10	0.40	0.10	0.90	0.10	0.10	0.60	1.20	2.40	0.60	1.10	0.10	0.20	0.10	0.60	0.20	0.50	0.10	0.10	0.20	0.10	0.60	0.10	0.70	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled					05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	05/07/2016	05/07/2016	05/07/2016	05/07/2016
Strata																																						
Analytical Parameter (Soil Analysis)	**Units**	**Limit of Detection**	**Accreditation Status**	**Residential GAC (1% SOM)**																																		
Stone Content	%	0.1	NONE		< 0.1	-	-	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	< 0.1	-	< 0.1	-	< 0.1	-	< 0.1	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1
Moisture Content	%	N/A	NONE		14	-	-	9.4	-	-	-	-	-	11	-	-	-	-	9.4	-	14	-	15	-	16	-	7.9	-	-	-	11	-	-	-	2.1	-	-	4.5
Total mass of sample received	kg	0.001	NONE		1.1	-	-	1.1	-	-	-	-	-	1.2	-	-	-	-	1.5	-	1.6	-	1.3	-	1.2	-	1.3	-	-	-	1.3	-	-	-	1.1	-	-	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	**Absent or <0.001%**	Chrysotile	Chrysotile & Amosite	Amosite	Chrysotile & Amosite	Chrysotile & Amosite	-	Chrysotile & Crocidolite	Amosite	Chrysotile	-	Chrysotile	Chrysotile	Chrysotile & Amosite	Amosite	-	Chrysotile & Amosite	Chrysotile & Amosite	Amosite	Chrysotile & Amosite	Chrysotile	Chrysotile & Amosite	Chrysotile	Chrysotile	Chrysotile & Amosite	Chrysotile & Amosite	-	Chrysotile & Amosite	Chrysotile	Chrysotile	Chrysotile & Amosite	Chrysotile & Amosite	Amosite	Chrysotile & Crocidolite & Amosite	Chrysotile & Amosite
Asbestos in Soil	Type	N/A	ISO 17025		Detected	Detected	Detected	Detected	Detected	Not-detected	Detected	Detected	Detected	-	Detected	Detected	Detected	Detected	-	Detected	Detected	Detected	Detected	Detected	Detected	Detected	Detected	Detected	Detected	Detected	Not-detected	-	Detected	Detected	Detected	Detected	Detected	Detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025		< 0.001	0.010	0.006	0.003	< 0.001	-	< 0.001	< 0.001	0.557	-	< 0.001	< 0.001	0.050	< 0.001	-	< 0.001	< 0.001	< 0.001	0.016	0.174	< 0.001	< 0.001	< 0.001	0.017	0.004	-	< 0.001	< 0.001	< 0.001	< 0.001	0.004	< 0.001	0.008	0.013
Asbestos Quantification Total	%	0.001	ISO 17025		< 0.001	0.010	0.006	0.003	< 0.001	-	< 0.001	< 0.001	0.557	-	< 0.001	< 0.001	0.050	< 0.001	-	< 0.001	< 0.001	< 0.001	0.016	0.174	< 0.001	< 0.001	< 0.001	0.017	0.004	-	< 0.001	< 0.001	< 0.001	< 0.001	0.004	< 0.001	0.008	0.013
General Inorganics																																						
pH	pH Units	N/A	MCERTS		7.7	-	-	9.7	-	-	-	-	-	8.2	-	-	-	-	8.1	-	8.7	-	8.9	-	7.8	-	8.4	-	-	-	7.9	-	-	-	10.1	-	-	10.0
Free Cyanide	mg/kg	1	MCERTS	**49**	< 1	-	-	< 1	-	-	-	-	-	< 1	-	-	-	-	< 1	-	< 1	-	< 1	-	< 1	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1
Organic Matter	%	0.1	MCERTS		2.8	-	-	1.2	-	-	-	-	-	0.8	-	-	-	-	0.3	-	1.4	-	1.3	-	5.3	-	1.4	-	-	-	1.3	-	-	-	1.8	-	-	2.4
Speciated PAHs																																						
Naphthalene	mg/kg	0.05	MCERTS	**0.99**	< 0.05	-	-	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	-	< 0.05	-	< 0.05	-	< 0.05	-	< 0.05	-	-	-	< 0.05	-	-	-	0.31	-	-	0.49
Acenaphthylene	mg/kg	0.1	MCERTS	**170**	< 0.10	-	-	0.76	-	-	-	-	-	< 0.10	-	-	-	-	< 0.10	-	< 0.10	-	< 0.10	-	0.50	-	< 0.10	-	-	-	< 0.10	-	-	-	0.58	-	-	1.1
Acenaphthene	mg/kg	0.1	MCERTS	**200**	< 0.10	-	-	< 0.10	-	-	-	-	-	< 0.10	-	-	-	-	< 0.10	-	< 0.10	-	< 0.10	-	1.2	-	< 0.10	-	-	-	< 0.10	-	-	-	0.63	-	-	0.53
Fluorene	mg/kg	0.1	MCERTS	**170**	< 0.10	-	-	< 0.10	-	-	-	-	-	< 0.10	-	-	-	-	< 0.10	-	< 0.10	-	< 0.10	-	2.3	-	< 0.10	-	-	-	< 0.10	-	-	-	0.99	-	-	1.1
Phenanthrene	mg/kg	0.1	MCERTS	**95**	0.68	-	-	2.4	-	-	-	-	-	< 0.10	-	-	-	-	< 0.10	-	1.0	-	0.56	-	24	-	< 0.10	-	-	-	< 0.10	-	-	-	12	-	-	13
Anthracene	mg/kg	0.1	MCERTS	**2300**	< 0.10	-	-	1.1	-	-	-	-	-	< 0.10	-	-	-	-	< 0.10	-	< 0.10	-	0.15	-	5.4	-	< 0.10	-	-	-	< 0.10	-	-	-	3.9	-	-	2.9
Fluoranthene	mg/kg	0.1	MCERTS	**280**	2.5	-	-	9.5	-	-	-	-	-	< 0.10	-	-	-	-	2.2	-	1.4	-	1.4	-	41	-	< 0.10	-	-	-	< 0.10	-	-	-	31	-	-	20
Pyrene	mg/kg	0.1	MCERTS	**620**	2.2	-	-	9.3	-	-	-	-	-	< 0.10	-	-	-	-	2.0	-	1.1	-	1.1	-	30	-	< 0.10	-	-	-	< 0.10	-	-	-	26	-	-	17
Benzo(a)anthracene	mg/kg	0.1	MCERTS		0.87	-	-	5.1	-	-	-	-	-	< 0.10	-	-	-	-	0.84	-	0.84	-	0.46	-	16	-	< 0.10	-	-	-	< 0.10	-	-	-	12	-	-	7.5
Chrysene	mg/kg	0.05	MCERTS		0.99	-	-	3.4	-	-	-	-	-	< 0.05	-	-	-	-	0.73	-	0.66	-	0.53	-	13	-	< 0.05	-	-	-	< 0.05	-	-	-	11	-	-	8.7
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS		1.3	-	-	6.2	-	-	-	-	-	< 0.10	-	-	-	-	1.1	-	0.82	-	0.56	-	16	-	< 0.10	-	-	-	< 0.10	-	-	-	13	-	-	10
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS		0.91	-	-	3.1	-	-	-	-	-	< 0.10	-	-	-	-	0.72	-	0.36	-	6.9	-	< 0.10	-	-	-	-	-	< 0.10	-	-	-	8.6	-	-	4.0
Benzo(a)pyrene	mg/kg	0.1	MCERTS	**5**	1.1	-	-	4.8	-	-	-	-	-	< 0.10	-	-	-	-	0.75	-	0.44	-	12	-	< 0.10	-	-	-	-	-	< 0.10	-	-	-	12	-	-	8.2
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS		0.53	-	-	2.7	-	-	-	-	-	< 0.10	-	-	-	-	0.37	-	< 0.10	-	5.6	-	< 0.10	-	-	-	-	-	< 0.10	-	-	-	6.1	-	-	4.2
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS		< 0.10	-	-	0.59	-	-	-	-	-	< 0.10	-	-	-	-	< 0.10	-	< 0.10	-	1.3	-	< 0.10	-	-	-	-	-	< 0.10	-	-	-	1.5	-	-	0.88
Benzo(ghi)perylene	mg/kg	0.05	MCERTS		0.73	-	-	3.9	-	-	-	-	-	< 0.05	-	-	-	-	0.50	-	< 0.05	-	7.1	-	< 0.05	-	-	-	-	-	< 0.05	-	-	-	7.5	-	-	4.9
Total PAH																																						
Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS		11.7	-	-	52.5	-	-	-	-	-	< 1.60	-	-	-	-	< 1.60	-	9.92	-	5.67	-	182	-	< 1.60	-	-	-	< 1.60	-	-	-	148	-	-	104
Heavy Metals / Metalloids																																						
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	**37**	35	-	-	17	-	-	-	-	-	4.6	-	-	-	-	5.4	-	7.9	-	22	-	12	-	8.7	-	-	-	16	-	-	-	11	-	-	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	**26**	1.9	-	-	0.5	-	-	-	-	-	< 0.2	-	-	-	-	< 0.2	-	0.7	-	2.2	-	0.8	-	< 0.2	-	-	-	0.5	-	-	-	1.7	-	-	0.7
Chromium (hexavalent)	mg/kg	4	MCERTS	**21**	< 4	-	-	< 4	-	-	-	-	-	< 4	-	-	-	-	< 4	-	< 4	-	< 4	-	< 4	-	< 4	-	-	-	< 4	-	-	-	< 4	-	-	< 4
Chromium (III)	mg/kg	1	NONE	**910**	53	-	-	86	-	-	-	-	-	23	-	-	-	-	17	-	15	-	35	-	19	-	30	-	-	-	26	-	-	-	28	-	-	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	**910**	53	-	-	86	-	-	-	-	-	23	-	-	-	-	17	-	15	-	35	-	19	-	30	-	-	-	26	-	-	-	28	-	-	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	**2400**	130	-	-	100	-	-	-	-	-	13	-	-	-	-	9.3	-	49	-	300	-	190	-	23	-	-	-	78	-	-	-	59	-	-	45
Lead (aqua regia extractable)	mg/kg	1	MCERTS	**200**	140	-	-	180	-	-	-	-	-	14	-	-	-	-	19	-	350	-	1400	-	1700	-	46	-	-	-	130	-	-	-	84	-	-	160
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	**40**	0.7	-	-	0.4	-	-	-	-	-	< 0.3	-	-	-	-	< 0.3	-	0.4	-	< 0.3	-	0.5	-	0.5	-	-	-	0.4	-	-	-	< 0.3	-	-	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	**130**	26	-	-	63	-	-	-	-	-	17	-	-	-	-	9.4	-	13	-	23	-	14	-	20	-	-	-	20	-	-	-	21	-	-	24
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	**25**	1.1	-	-	< 1.0	-	-	-	-	-	1.1	-	-	-	-	1.8	-	< 1.0	-	< 1.0	-	1.1	-	< 1.0	-	-	-	< 1.0	-	-	-	< 1.0	-	-	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	**410**	40	-	-	29	-	-	-	-	-	25	-	-	-	-	9.9	-	23	-	29	-	31	-	28	-	-	-	38	-	-	-	26	-	-	31
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	**3700**	330	-	-	170	-	-	-	-	-	34	-	-	-	-	14	-	280	-	550	-	640	-	100	-	-	-	180	-	-	-	180	-	-	200

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Sample Reference					RTP701	RTP702	RTP703	RTP704	RTP704	RTP705	RTP706	RTP706	RTP707	RTP707	RTP708	RTP709	RTP710	RTP710	RTP710	RTP711	RTP711	RTP712	RTP713	RTP714	RTP715	RTP716	RTP716	RTP717	RTP718	RTP720	RTP721	RTP722	RTP716A	RTP716A	BSP01	BSP02	BSP03	BSP04
Depth (m)					1.40	0.00-0.10	1.70	0.30	0.60	1.00	0.10	0.40	0.10	0.90	0.10	0.10	0.60	1.20	2.40	0.60	1.10	0.10	0.20	0.10	0.60	0.20	0.50	0.10	0.10	0.20	0.10	0.60	0.10	0.70	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled					05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	05/07/2016	05/07/2016	05/07/2016	05/07/2016
Strata																																						
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**	**Residential GAC (1% SOM)**																																		
Monoaromatics																																						
Benzene	ug/kg	1	MCERTS	**87**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	ug/kg	1	MCERTS	**130000**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	1	MCERTS	**47000**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p & m-xylene	ug/kg	1	MCERTS	**59000**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-xylene	ug/kg	1	MCERTS	**49000**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	ug/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons																																						
TPH C10 - C40	mg/kg	10	MCERTS		390	-	-	920	-	-	-	-	-	<10	-	-	-	-	-	<10	1200	-	140	-	740	-	18	-	-	-	73	-	-	-	1300	-	-	760
TPH2 (C6 - C10)	mg/kg	0.1	NONE		<0.1	-	-	<0.1	-	-	-	-	-	<0.1	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	-	-	-	<0.1	-	-	-	<0.1	-	-	<0.1
TPH C6 - C40	mg/kg	10	NONE		390	-	-	920	-	-	-	-	-	<10	-	-	-	-	-	<10	1200	-	140	-	740	-	18	-	-	-	73	-	-	-	1300	-	-	760
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.1	MCERTS	**42**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.1	MCERTS	**100**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.1	MCERTS	**27**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	**130**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	**1000**	-	-	-	7.9	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	**65000**	-	-	-	36	-	-	-	-	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	**65000**	-	-	-	180	-	-	-	-	-	-	-	-	-	-	-	-	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS		-	-	-	230	-	-	-	-	-	-	-	-	-	-	-	-	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.1	MCERTS	**70**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.1	MCERTS	**130**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.1	MCERTS	**34**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	**74**	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	**140**	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	**260**	-	-	-	81	-	-	-	-	-	-	-	-	-	-	-	-	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	**1100**	-	-	-	410	-	-	-	-	-	-	-	-	-	-	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS		-	-	-	500	-	-	-	-	-	-	-	-	-	-	-	-	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Analytical Report Number: 16-22251
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Lab Sample Number					599271	599272	599273	599274	599275	599276	599277	599278	599279	599280	599281	599282	599283	599284	599285	599286	599287	599288	599289	599290	599291	599292	599293	599294	599295	599296	599297	599298	599299	599300	599301	599302	599303	599304
Sample Reference					RTP701	RTP702	RTP703	RTP704	RTP704	RTP705	RTP706	RTP706	RTP707	RTP707	RTP708	RTP709	RTP710	RTP710	RTP710	RTP711	RTP711	RTP712	RTP713	RTP714	RTP715	RTP716	RTP716	RTP717	RTP718	RTP720	RTP721	RTP722	RTP716A	RTP716A	BSP01	BSP02	BSP03	BSP04
Depth (m)					1.40	0.00-0.10	1.70	0.30	0.60	1.00	0.10	0.40	0.10	0.90	0.10	0.10	0.60	1.20	2.40	0.60	1.10	0.10	0.20	0.10	0.60	0.20	0.50	0.10	0.10	0.20	0.10	0.60	0.10	0.70	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled					05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	05/07/2016	05/07/2016	05/07/2016	05/07/2016
Strata																																						
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**	**Residential GAC (1% SOM)**																																		
VOCs																																						
Chloromethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloromethane	µg/kg	1	MCERTS	**910**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloromethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	1	MCERTS	**180**	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p & m-Xylene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tribromomethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	µg/kg	1	NONE		-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Sample Reference					RTP701	RTP702	RTP703	RTP704	RTP704	RTP705	RTP706	RTP706	RTP707	RTP707	RTP708	RTP709	RTP710	RTP710	RTP710	RTP711	RTP711	RTP712	RTP713	RTP714	RTP715	RTP716	RTP716	RTP717	RTP718	RTP720	RTP721	RTP722	RTP716A	RTP716A	BSP01	BSP02	BSP03	BSP04
Depth (m)					1.40	0.00-0.10	1.70	0.30	0.60	1.00	0.10	0.40	0.10	0.90	0.10	0.10	0.60	1.20	2.40	0.60	1.10	0.10	0.20	0.10	0.60	0.20	0.50	0.10	0.10	0.20	0.10	0.60	0.10	0.70	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled					05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	05/07/2016	05/07/2016	05/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	06/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	07/07/2016	05/07/2016	05/07/2016	05/07/2016	05/07/2016
Strata																																						
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**	**Residential GAC (1% SOM)**																																		
SVOCs																																						
Aniline	mg/kg	0.1	NONE		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	0.2	ISO 17025		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	0.05	MCERTS		-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	0.2	NONE		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	0.05	MCERTS	**0.59**	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	0.1	NONE		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS		-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	**170**	-	-	-	0.77	-	-	-	-	-	-	-	-	-	-	-	-	<0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	0.1	MCERTS	**200**	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	0.1	MCERTS	**170**	-	-	-	<0.10	-	-	-	-	-	-	-	-	-	-	-	-	<0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	0.1	MCERTS	**95**	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	0.1	MCERTS	**2300**	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS		-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthraquinone	mg/kg	0.3	MCERTS		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.1	MCERTS	**280**	-	-	-	9.5	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.1	MCERTS	**620**	-	-	-	9.3	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025		-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS		-	-	-	5.0	-	-	-	-	-	-	-	-	-	-	-	-	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS		-	-	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS		-	-	-	6.2	-	-	-	-	-	-	-	-	-	-	-	-	0.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS		-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	0.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	**5**	-	-	-	4.8	-	-	-	-	-	-	-	-	-	-	-	-	0.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS		-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS		-	-	-	0.59	-	-	-	-	-	-	-	-	-	-	-	-	<0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS		-	-	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	0.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX E - GENERAL SITE ENVIRONMENTAL CONTROLS

1. GENERAL SITE ENVIRONMENTAL CONTROLS

The following Section provides an outline of the expectations of the Contractor, in order to ensure environmental compliance throughout the enabling and remedial works. The Contractor should adhere to the general guidance provided as part of this strategy and should undertake works in an environmentally sound manner, in accordance with industry best practice.

1.1 Air Quality and Dust

The Contractor shall be responsible for obtaining any necessary authorisations required by the Local Authority, including liaison for any monitoring requirements to be adopted.

The Contractor shall be responsible for the implementation of any air quality and dust monitoring required by the Local Authority.

The Contractor shall ensure that emissions to air are minimised and that all necessary precautions to prevent the occurrence of smoke emissions, fumes or odours from site plant, stored fuel or other substances and prevent any emissions for fumes drifting into the nearby residences, workplaces or public open spaces.

A log of the activities being undertaken on the site should be given to the Employer's Representative each week together with a record of any complaints that have been received.

It will be necessary to ensure that mitigation measures are implemented to prevent off-site migration of contaminants, such as dust/vapours or run-off during excavations and soil stockpiling.

It will be necessary to ensure that all plant is in good repair and conforms to the manufacturers or legislative/British Standard emission standards. Plant shall not be left running for long periods when not directly in use. Where appropriate or practical, electrically powered plant shall be used instead of diesel.

While asbestos containing soils have not been identified as part of previous ground investigations there is the potential for it to be present in the building fabric. Adequate health and safety protocols (PPE/RPE) and dust suppression techniques are considered integral to pollution prevention should asbestos be encountered. Moreover, methodologies and procedures should be selected through consultations with a specialist asbestos contractor, in accordance with best practice and legislation current at the time of the works, plus any specific requirements of Local Authority and the Health and Safety Executive.

Dust suppression techniques and monitoring requirements should be outlined in consultation with a specialist asbestos Contractor. Suppression techniques and monitoring requirements are likely to include (but are not exclusive to) soil dampening with the use of a dedicate site water bowser, use of dust curtains and air quality monitoring stations along site boundaries.

The following measures shall be used to minimise the generation of dust where appropriate:

- Wheel washing and street sweeping (where appropriate);
- Loading/unloading within designated bays/areas;
- Hoarding around site and/or appropriate locations such as plant;
- Monaflex or similar sheeting around scaffolding;
- Sheeting of lorries leaving site;
- Maintenance of plant;
- Liaison with neighbours; and
- Highest standards of housekeeping.

No vehicles shall leave the site with earth, mud, etc. adhering to the wheels in a quantity which may result in its being deposited on the public highway or footpath, and creating a nuisance, or

hazard to vehicles or pedestrians. Suitable wheel washing equipment to avoid such problems shall be installed, operated and maintained on the site until the development is completed.

The written consent of the Environment Agency and Local Utility provider shall be obtained regarding the disposal of wheel wash water to surface water drains.

1.2 Noise and Vibration

The Contractor shall be responsible for obtaining any necessary authorisations required by the Local Authority, including liaison for any monitoring requirements to be adopted. Any 'Out of hours' work shall require prior agreement with Reading Borough Council.

The Contractor shall be responsible for the implementation of any noise and vibration monitoring required by the Local Authority.

The Contractor shall take all practical measures to minimise noise and vibration during the Works and where relevant, comply with BS 5228 Noise Control on Construction and Open Sites.

The following measures should be implemented to minimise the generation of noise and vibration:

- Use of acoustic silencers on equipment;
- Regular maintenance of plant;
- Unloading and loading of material within designated areas;
- Radio controlled lorry movements to avoid unnecessary vehicles on site; and
- Liaison with neighbours in conjunction with the employer's agent.

1.3 Oils Fuels and Chemicals

Oils, fuel and chemical storage facilities should be designed with regard to Environment Agency (EA) Pollution Prevention Guidelines (PPG). Best practices with regard to controlling pollution and spillages include (but are not limited to) the following:

- Designated facilities specially designed for the storage of fuels and oils in accordance with PPG2;
- An oil, chemical and product inventory for the site;
- Site drainage plans;
- Emergency procedures;
- Use of drip trays beneath stationary plant;
- Keeping plant well maintained;
- Site induction for all personnel on emergency procedures;
- Contact list of emergency services, water suppliers, EA, Local Authority (LA) and the Health and Safety Executive (HSE); and,
- Emergency response equipment (provision of adequate spill kits on-site and competent emergency response staff).

Bunded areas should comprise at least 110% of the total storage capacity. For smaller storage volumes, the volume of the largest container should be catered for.

The storage, itinerary, and use of hazardous materials on-site will be conducted in accordance with the Control of Substances Hazardous to Health (COSHH) regulations 2002. In accordance with COSHH, records held of all hazardous materials on-site will be maintained by the Contractor. The Contractor is responsible for the completeness and accuracy of all records held.

APPENDIX F – CONSULTATION WITH REGULATORS

Tom Smith

From: Jarvis, Ross <Ross.Jarvis@reading.gov.uk>
Sent: 03 August 2016 16:23
To: Tom Smith
Cc: Wilson, Jodie
Subject: RE: Green Park Village | Asbestsos Impacts in Soils in Phase 5

Hi Tom,

I have taken an initial look at the measures that have been proposed to control contaminants of concern at the site. Prior to the submission of the full documentation I can agree in principle that the measures outlined should adequately protect the health and wellbeing of site workers and future users of the site.

Regards

Ross

Ross Jarvis
Senior Technical Officer
Environmental Protection & Nuisance | Department of Environment & Neighbourhood Services

Reading Borough Council
Civic Offices
Bridge Street
Reading
RG1 2LU

0118 937 2314 (72314)

Website | Facebook | Twitter | YouTube



From: Tom Smith [mailto:thomas.smith@ramboll.co.uk]
Sent: 03 August 2016 14:58
To: Jarvis, Ross
Cc: Wilson, Jodie
Subject: FW: Green Park Village | Asbestsos Impacts in Soils in Phase 5

This is an EXTERNAL EMAIL. STOP. THINK before you CLICK links or OPEN attachments.

Ross,

Thanks for your time this morning.

As discussed we have recently undertaken ground investigation works in Phase 5 at Green Park Village (application ref 10/01461/OUT). As part of these works we encountered the following contaminants of concern:

- Visibly discrete fragments of asbestos containing materials were found in the majority of the site soils, typically comprising single to multiple cement-bound asbestos containing materials (sheet and pipe materials) and 3No. occurrences of asbestos insulation board materials.
- Asbestos fibres within the soil matrix across the majority of the phase. Typically comprising loose fibres, cement type/ bitumen ACMs, insulating and lagging materials (47% of samples containing asbestos). % w/w concentrations range from <0.001% to 0.557% w/w.
- Localised minor impacts of benzo(a)pyrene and lead within Made Ground soils. B(a)P and lead concentrations are typically within one order of magnitude of the GAC.
- Isolated impact of aromatic TPHs within drain effluent impacted Made Ground soil.

At this stage we are yet to complete an assessment of the ground gas regime or groundwater quality and this will follow in due course.

Based on the occurrence of these contaminants we are preparing a remediation strategy that is currently being finalised. This will be submitted shortly but as groundworks are due to start on the 10th August we wanted to send through the outline of this strategy for your comments to expedite the approvals process.

As part of the development in this area the main construction activities that will be undertaken will comprise:

- Turnover of the entirety of the Made Ground in Phase 5 (west of the ditch – see Figure 2) to clear obstructions/concrete ahead of foundations/ground improvement via Vibro-Stone Columns;
- Removal of oversize/concrete for crushing to be re-used onsite subject to chemical testing; and
- Re-use and compaction of asbestos impacted Made Ground within Phase 5; and

In the final developed state the risks to end users and maintenance workers will be mitigated through the following design measures:

- Levels within the phase are to be raised by approximately 1 to 1.5m as part of filling for flood alleviation. Filling is being undertaken under a bespoke environmental permit ref EPR/DB3206HL (re-use of inert waste in construction). This fill thickness will sufficiently act as the clean cover system and will be topped off with chemically suitable topsoil and subsoil. Due to thickness of fill above the impacted soils it is not anticipated that a no dig layer or demarcation layer will be required; and
- A series of clean service corridors will be created in the main spine roads with Phase 5 to ensure future maintenance workers do not come in contact with asbestos impacted soils at depth.

During the course of earthworks the following control measures will be adopted over and above that which would be “normally anticipated” for earthworks:

- Increased PPE/RPE including washable boots, Type 5/6 overalls, FFP3 respirators and face fit certification for all operatives entering the “dirty” work area.
- Personal and reassurance air monitoring during all instructive works with impacted soils;
- Dust suppression during all intrusive works;
- Establishment of clean/dirty working area’s with use of decontamination units and decontamination of equipment / plant leaving the work area; and
- Watching brief role by appropriately competent persons to manage ‘day to day’ aspects of the site works e.g. reviewing site practise and air monitoring data, identify any unearthed asbestos materials etc.

Would you be able to review the above and provide comment please? As mentioned on the phone I appreciate that no formal approval can be granted until the final documentation is submitted but as earthworks are due to commence shortly we would seek an approval in principal at this stage.

If you need to discuss anything further I am available on the no. below.

Kind Regards
Tom Smith

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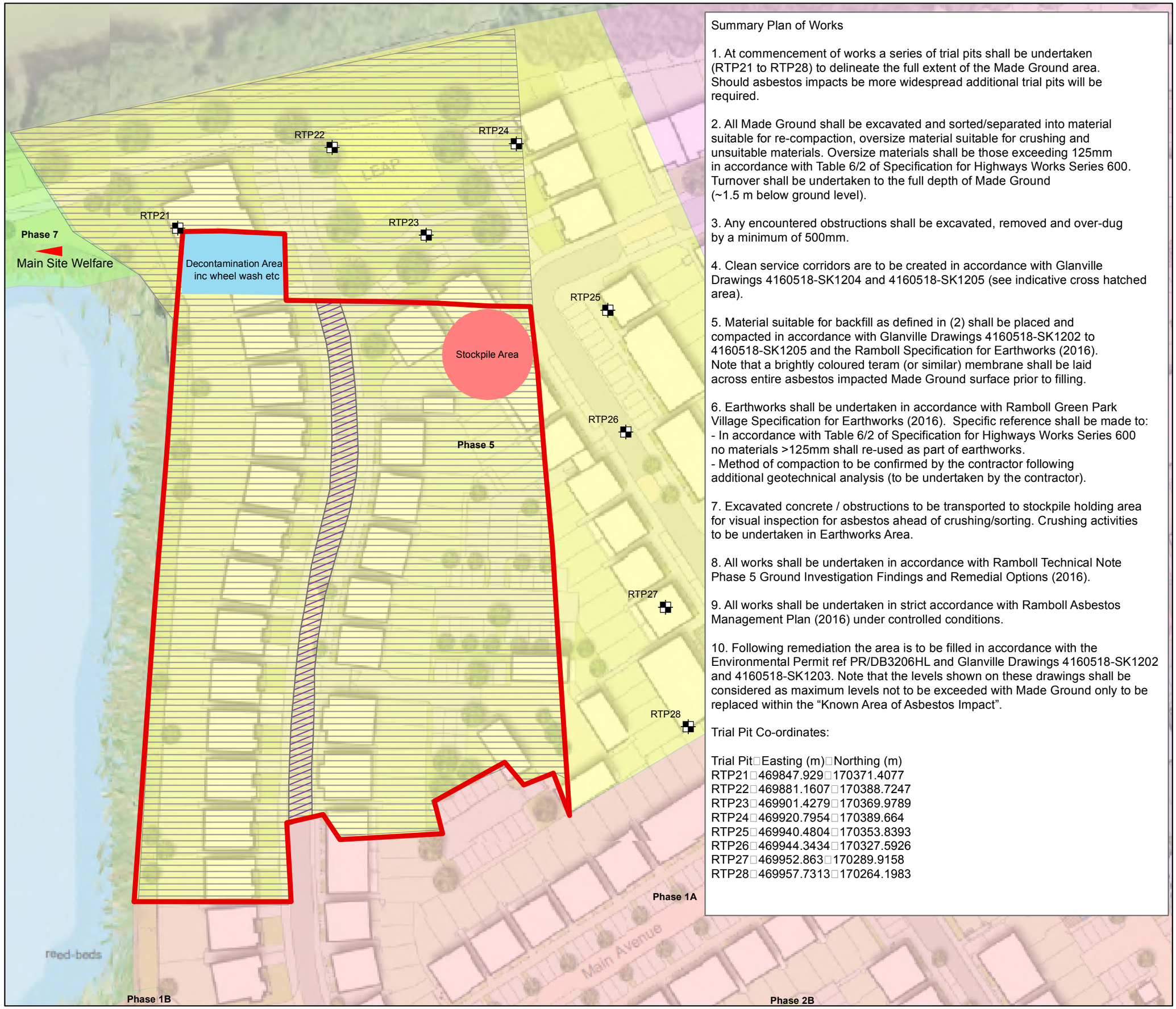
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Summary Plan of Works

1. At commencement of works a series of trial pits shall be undertaken (RTP21 to RTP28) to delineate the full extent of the Made Ground area. Should asbestos impacts be more widespread additional trial pits will be required.

2. All Made Ground shall be excavated and sorted/separated into material suitable for re-compaction, oversize material suitable for crushing and unsuitable materials. Oversize materials shall be those exceeding 125mm in accordance with Table 6/2 of Specification for Highways Works Series 600. Turnover shall be undertaken to the full depth of Made Ground (~1.5 m below ground level).

3. Any encountered obstructions shall be excavated, removed and over-dug by a minimum of 500mm.

4. Clean service corridors are to be created in accordance with Glanville Drawings 4160518-SK1204 and 4160518-SK1205 (see indicative cross hatched area).

5. Material suitable for backfill as defined in (2) shall be placed and compacted in accordance with Glanville Drawings 4160518-SK1202 to 4160518-SK1205 and the Ramboll Specification for Earthworks (2016). Note that a brightly coloured teram (or similar) membrane shall be laid across entire asbestos impacted Made Ground surface prior to filling.

6. Earthworks shall be undertaken in accordance with Ramboll Green Park Village Specification for Earthworks (2016). Specific reference shall be made to:
- In accordance with Table 6/2 of Specification for Highways Works Series 600 no materials >125mm shall re-used as part of earthworks.
- Method of compaction to be confirmed by the contractor following additional geotechnical analysis (to be undertaken by the contractor).

7. Excavated concrete / obstructions to be transported to stockpile holding area for visual inspection for asbestos ahead of crushing/sorting. Crushing activities to be undertaken in Earthworks Area.

8. All works shall be undertaken in accordance with Ramboll Technical Note Phase 5 Ground Investigation Findings and Remedial Options (2016).

9. All works shall be undertaken in strict accordance with Ramboll Asbestos Management Plan (2016) under controlled conditions.

10. Following remediation the area is to be filled in accordance with the Environmental Permit ref PR/DB3206HL and Glanville Drawings 4160518-SK1202 and 4160518-SK1203. Note that the levels shown on these drawings shall be considered as maximum levels not to be exceeded with Made Ground only to be replaced within the “Known Area of Asbestos Impact”.

Trial Pit Co-ordinates:

Trial Pit	Easting (m)	Northing (m)
RTP21	469847.929	170371.4077
RTP22	469881.1607	170388.7247
RTP23	469901.4279	170369.9789
RTP24	469920.7954	170389.664
RTP25	469940.4804	170353.8393
RTP26	469944.3434	170327.5926
RTP27	469952.863	170289.9158
RTP28	469957.7313	170264.1983

Key

- Additional Deliniation Trial Pits
- Known Area of Asbestos Impact
- Clean Corridor Area
- Stockpile Holding Area
- Decontamination & Wheel Wash Area
- Proposed Area for Earthworks

Phase

- Phase 1A
- Phase 1B
- Phase 1C
- Phase 2A
- Phase 2B
- Phase 2C
- Phase 3
- Phase 4
- Phase 5
- Phase 6
- Phase 7

Scale: 1:750
Drawn at A3

Baseplan adopted from BroadwayMalyanSite Layout Drawing PL-P1-002 rev P

N

Client
St Edward Homes Ltd

Project Title
Green Park Village

Project Number
1620000492

Figure Title
Phase 5 - Earthworks Plan

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Date	Prepared By
11/08/2016	TS
Figure No.	Revision
Figure 4	02

Intended for
St Edward Homes Ltd

Document type
Site Specific Health and Safety Plan

Date
August, 2016

GREEN PARK VILLAGE
HEALTH AND SAFTEY PLAN FOR EARTHWORKS EXCAVATIONS

RAMBOLL

GREEN PARK VILLAGE
HEALTH AND SAFTEY PLAN FOR EARTHWORKS EXCAVATIONS

Revision	-
Date	**10/08/2016**
Made by	**Tom Smith**
Checked by	**Chris Dawson**
Approved by	**Phil Studds**
Description	**Health and Safety Plan**

Ref 1620000492/RPT/009

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FIGURES

Appendix A
Ramboll Site Specific Risk Assessments and Generic Method Statements

Appendix B
Lucion Standard Operating Procedures

1. INTRODUCTION & BACKGROUND

Ramboll UK (hereafter known as Ramboll) have been appointed by St Edward Homes Ltd / Berkeley Homes (Western) Ltd to provide geoenvironmental and geotechnical services at the Green Park Village site in Reading.

The site is proposed to be developed for predominantly residential housing and apartments with areas of commercial offices. The scope of the geoenvironmental services provided in this instance comprises a watching brief during the groundworks / earthworks phase.

Based on observations during the 2016 ground investigation, the Made Ground soils on site are impacted with Asbestos Containing Material (ACMs) to a greater or lesser extent dependent on whereabouts on the site you are located. Typically, the visible ACMs are of the cement-bonded chrysotile or occasionally asbestos insulation board (AIB) type with asbestos fibres in the soil matrix typically loose fibres, cement/bitumen type and/or insulating and lagging materials.

Ramboll have been requested by St Edward Homes Ltd to provide an on site Watching Brief to observe and monitor the excavation of Made Ground soils during the earthworks phase. Earthworks are to comprise turnover of the Made Ground soils to facilitate the removal of concrete / obstructions to 1.5m below ground level. Oversize materials are to be transported to a stockpile holding area for visual inspection for ACMs before crushing. No ACM impacted soils are to be removed from the earthworks area as soils will be covered by a clean cap of 1m following obstruction clearance. Air monitoring for asbestos fibres (both personal, in the immediate area of excavation and perimeter monitoring to assess impact to off-site receptors) will be carried out by Lucion Environmental Ltd and the results of this testing will be assessed by Ramboll.

2. MANAGEMENT STRUCTURE / CONTRACTUAL ARRANGEMENTS

Supervising Engineer	– Ramboll – Chris Dawson
Client	- St Edward Homes Ltd / Berkeley Homes (Western) Ltd – Andrew West
Principal Designer/Contractor	- St Edward Homes Ltd / Berkeley Homes (Western) Ltd – Andrew West
Sub-Contractors	- Contractor [yet to be appointed]– Earthworks Contractor
	- Lucion Environmental Ltd (Lucion) – Asbestos Consultants

All site works to be supervised by Ramboll (Chris Dawson – 07870 810911).

3. LOCATION

The GPV site is located approximately 4km to the south of Reading Town Centre, Berkshire. Phase 5 of the site is present in the centre of the GPV site occupying approximately 2.5 ha at a National Grid reference of SU 698 701. The nearest postcode if RG30 3UR.

A site location and phase plan is provided in Figures 1 and 2 at the back of this Site Specific Health & Safety Plan.

4. SITE WIDE RISKS / INDUCTION

Due to the nature of the works and site location there is the potential for site-wide risks. Potential risks include inhalation of asbestos fibres, moving machinery, slips, trips and falls and contact with underground services. A Risk Assessment for the proposed works to address the site risks are provided as appendices to this Plan.

Based on observations during the ground investigation the Made Ground soils on site are impacted with Asbestos Containing Material (ACMs). Typically, the visible ACMs are of the cement-bonded chrysotile or occasionally asbestos insulation board (AIB) type with asbestos fibres in the soil matrix typically loose fibres, cement/bitumen type and/or insulating and lagging materials. From visual observations on site, it is considered that the ACM fragments observed are not degraded or that the proposed work will cause deterioration of the ACM. During the course of works onsite personal and air monitoring is to be provided by Lucion during the course of the excavation works to provide assurances that the risk to ground workers and off site receptors is low.

Lucion will provide continual input into the investigation and advice on the appropriate level of PPE required following an initial round and continued air monitoring. If the risks from asbestos fibres inhalation are found to be unacceptable i.e. above 0.01 f/ml, all works will cease immediately and a reassessment conducted in a safe area.

The Site Induction Record is presented in the Section 9.

5. EMERGENCY PROCEDURES

A hospital with Accident & Emergency facilities is located at the Royal Berkshire Hospital, London Road, Craven Road, Reading, RG1 5AN. Tel 0118 3225111.

A hospital location plan is provided at the back of this Site Specific Health & Safety Plan (Figure 3).

6. ACCIDENT REPORTING PROCEDURES

All accidents, no matter how minor, are to be reported to the Ramboll Site Supervisor (Chris Dawson) who will then inform the Project Director who will then inform the client (Andrew West).

7. SITE HEALTH AND SAFETY RISKS

Site specific risk assessments and generic method statements are provided as appendices to this Plan.

8. PERMIT TO WORK

The investigation will be undertaken in accordance with Berkeley Homes permit to work system.

9. SITE INDUCTION RECORD FOR GREEN PARK VILLAGE

The following points were covered in the Site Induction for the site indicated above:

Site organisation

- Identification of supervisory engineer (Chris Dawson) and first aider (Berkeley Homes)

Access

- Access arrangements - access routes, crossing points and egress.

Health and Safety

- The following PPE should be worn while working on the site; washable steel toe capped wellingtons/boots, disposable gloves, hi-visibility jacket/vest (see below) and hard hat.
- Hi-visibility vests to be worn over Type 5/6 coveralls, if the vests are potentially contaminated they are to be kept within the work area and disposed of at the end of the job.
- Safe sampling procedures to be adopted during soil sampling. In addition to the use of PPE as outlined all work **MUST** include the use of water to dampen soils prior to sampling to minimise the potential of fibre release.
- Until Lucion indicate that the on site asbestos air monitoring confirms there is no significant risk of inhalation of asbestos fibres, the use of FFP3 masks type 5/6 coveralls must be used within vicinity of excavations
- The plant operator shall be located up wind of the trial pit with the cabin doors closed.
- Following work, decontamination will take place in a dedicated decontamination unit prior to returning to the regular welfare facilities, this shall be directed by Lucion.
- The jet bowser is to be used to wash down the excavator at the end of each day and inspected by Lucion – the location of the wash area to be confirmed.
- Any accidents must be reported immediately to the site supervising engineer (Chris Dawson).
- Eating, drinking and smoking are prohibited at the exploratory holes. Hands should be washed prior to eating, drinking and smoking as well as at the end of each day on the site.
- No naked flames are permitted on the site.
- Manual Handling.
- Location of health and safety plan, first aid kit, fire extinguisher and environmental spill kit.
- Site specific hazards including any anticipated contamination or biohazard (leptospirosis)
- Arrangements for protection of the public and other site users.
- Trip hazards

Other

- Site occupiers rules
- Berkeley Homes confirm services have been cut off at the site. Service clearance procedures to be undertaken by Contractor.
- Emergency procedures
- Environmental protection and incident control procedures

Emergency Contact Numbers

Ramboll Office	023 8081 7500	British Gas	0800 111 999
Police	999	SSE Power Distribution	0800 072 7282 0345 072 1790
Fire	999	Thames Water	0800 714 614
Ambulance	999	BT/Openreach	0800 023 2023
Hospital with A&E	0118 3225111	Virgin Media	0870 888 3116

Working to be in accordance with any written instructions and Ramboll method statements; issued and in line with current industry standards.

The undersigned have received and understood the site induction covering the above points.

Name	Company	Date	Signed	PPE Checked

10. GENERAL ARRANGEMENTS – BACKGROUND, LOCATION, CONTRACTUAL ARRANGEMENTS

To be completed prior to the commencement of any field activities, using information derived from the Site Evaluation and Hazard Assessment form and any other relevant sources.

<table>
<tr><td>Contract</td><td>Green Park Village</td><td>Job No.</td><td>1620000492</td><td>Start Date: 16th August 2016
Duration: Approx. 10No. days</td></tr>
<tr><td>Site address
(Site location plan attached)</td><td>Green Park Village,
Off Kirtons Farm Road, Reading, RG30 3UR</td><td>Tel No:</td><td>Use site supervisors contact details (07929 034933 / 07870 810911).</td><td>Working hours: 08:00 to 16:00
Max no. of site operatives: 12No.</td></tr>
<tr><td rowspan="2">Ramboll representatives and roles.</td><td colspan="2">Project Director: James Flack & Simon Corness</td><td colspan="2">CAT Trained operative: Contractor</td></tr>
<tr><td colspan="2">Site Supervisor: Jorn Pace/Chris Dawson</td><td>First Aider: Berkeley Homes Site Manager</td><td>Appointed Person: Berkeley Homes Site Manager</td></tr>
<tr><td colspan="3">Site Description

The GPV site is located approximately 4km to the south of Reading Town Centre, Berkshire. Phase 5 of the site is present in the centre of the GPV site occupying approximately 2.5 ha at a National Grid reference of SU 698 701. The nearest postcode if RG30 3UR.

The site has recently undergone demolition and clearance ahead of earthworks and redevelopment at the site. As such Phase 5, which is the subject of this investigation is characterised by open ground with sporadic area of hardstanding, A surface water feature ‘Trout Lakes’ is located to the western boundary of Phase 5.

A site location plan is provided in Figure 1.</td><td colspan="2">Scope/ Description of works

• Earthworks are to comprise turnover of the Made Ground soils to facilitate the removal of concrete / obstructions. Oversize materials are to be transported to a stockpile holding area for visual inspection for ACMs before crushing.
• Onsite asbestos personal air monitoring and bulk identification testing by a specialised contractor – Lucion; and
• Dust suppression during all excavation works</td></tr>
</table>

<table>
<tr><td>Indicate route of safe access/egress for:</td><td>Personnel: Access via Kirtons Farm Road</td><td>Plant: Same as personnel access.</td></tr>
<tr><td colspan="2">Site History
Historically the site was farmland associated with Smallmead Farm, until 1976 when Pingemead House was constructed to the south of the site. By 1983 the Pingemead Industrial Estate had been constructed to the south of the site and the site was used for storage of cars and ancillary material associated with the industrial Estate. The Industrial Estate was in continual use from the 1980’s until its closure in 2015 and demolition in 2016.</td><td>Available Information
• Geoenvironmental Interpretative Reports
• Phase 5 Ground Investigation Findings and Remedial Options
• Asbestos Management Plan</td></tr>
<tr><td>Site Occupiers
If the site is occupied or adjacent to occupied premises which will be affected by the works, list details of these premises</td><td colspan="2">The GPV site is currently undergoing redevelopment with earthworks and construction being carried out. The main entities onsite comprise Berkeley Homes, The Contractor, and any associated subcontractors. The Phase 5 area of the site, subject to this investigation, has recently been cleared and no activities are taking currently taking pending completion of these earthoworks. However the development areas and access and egress routes to Phases 1 and 2 of the site run in close to the proposed work area and consideration of these is needed during the course of earthworks.</td></tr>
<tr><td>Liaison Arrangements
What liaison arrangements are required with site occupiers / adjacent occupiers?</td><td colspan="2">Liaison has been undertaken with Andrew West (Technical Manager - 07590672701) and Russell Ayres (Site Manager) of Berkeley Homes regarding the proposed works.</td></tr>
<tr><td>Emergency Arrangements
What are the emergency arrangements on site</td><td colspan="2">Name of Project Director James Flack & Simon Corness (Ramboll Southampton & London)
Name of Ramboll First Aid Appointed Persons N/A First aid is to be provided by Berkeley Homes first aiders
In the event of an accident contact the BERKELEY HOMES SITE MANAGER & RAMBOLL PROJECT DIRECTOR.

Berkeley Homes procedures, as outlined in the site induction should be adhered to at all times,

If hospital treatment is necessary, call the emergency services (999) for an ambulance, or arrange suitable transport from site. The nearest hospital with Accident & Emergency facilities is located at the Royal Berkshire Hospital, London Road, Craven Road, Reading, RG1 5AN. Tel 0118 3225111.

A hospital location plan is presented in the back of this Site Specific Health & Safety Plan as Figure 3.

In the event of a minor fire, isolate any electric or fuel supply. If fire-fighting equipment is located nearby attempt to extinguish the fire. If in your assessment you are at excessive risk, vacate the area and proceed to the muster point. Fire-fighting equipment is located at locations designated by Berkeley Homes, and will be defined in the Berkeley Homes site induction.</td></tr>
</table>

Fire Safety *See guidance:* i) HSE Construction Fire Safety Construction Information Sheet 51	**Are there any fire extinguishers required on the site?** Yes **What type will they be?** Various **Where will they be kept?** Berkeley Homes designated locations – to be explained in Berkeley Homes site induction **Are they confirmed in date and at adequate pressure?** Unknown **Where will the fire assembly point be?** Berkeley Homes designated locations – to be explained in Berkeley Homes site induction **Who is designated as site fire warden?** Berkeley Homes fire warden **How will the alarm be raised in the event of a fire?** Clearly shout 'Fire'
Accident Reporting Procedures *What are the accident reporting procedures*	All injuries, regardless of severity, should be reported to Ramboll sites supervisor and Berkeley Homes and registered in the accident book, which is kept within the Berkeley Homes site office. The Ramboll accident book is held at Ramboll offices. **Ramboll site engineer to report to Project Manager/Director, Project Manager/Director to report to Ramboll SI Director (James Flack), Ramboll SI Director to report to Ramboll H&S (Rod Pirie)**

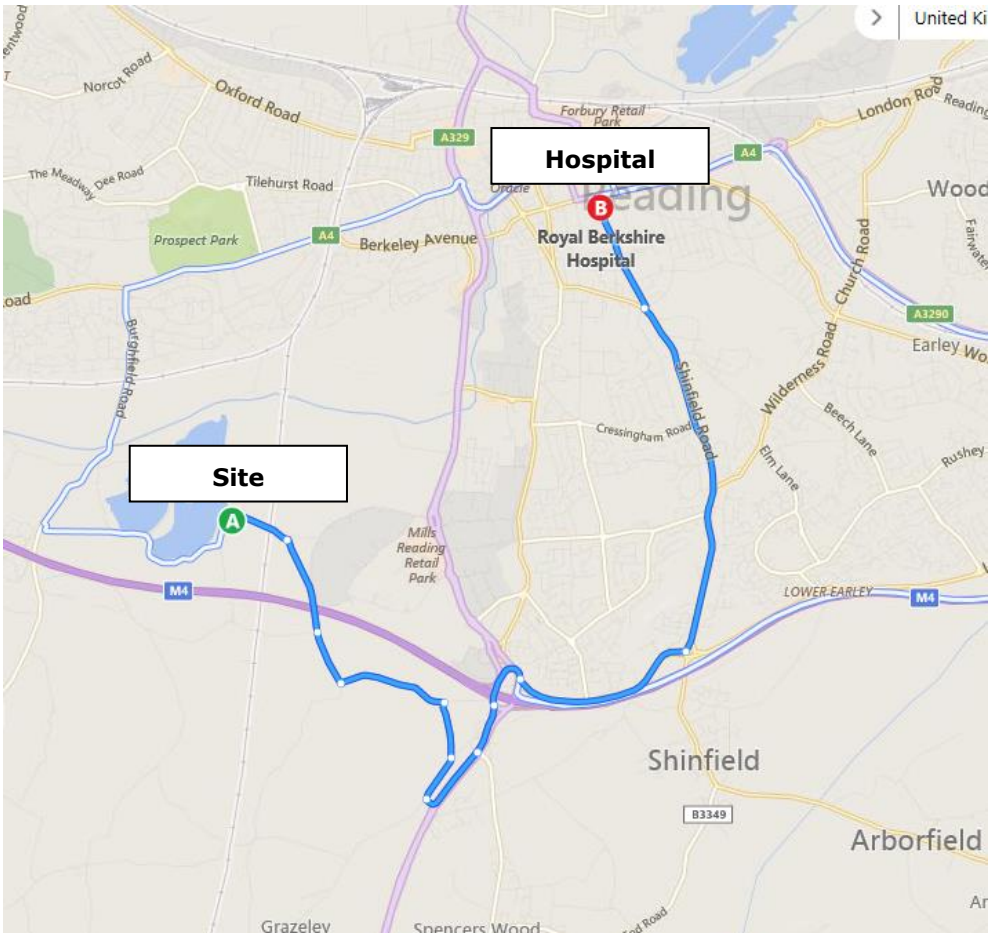
Services	Underground:	On Site	Utility plans available	Overhead	On Site	Utility plans available	
Indicate which services are anticipated on site *See guidance:* i) CITB Construction Site Safety Manual ii) HSG 47	Electric	N	N	Electric	N	N	**What procedures are to be adopted for the avoidance of services?** Berkeley Homes have confirmed that cut off at the site and are no longer live. Service clearance will be undertaken by the Contractor and they will be responsible for adherence to the Berkeley Homes permit to system. **Who is responsible for clearance of services?** Contractor **Is a Network Rail approved CAT required?** No **Will a Permit to Work system be used?** Yes – Berkeley Homes Permit to Dig System **How current are the service plans obtained?** No plans are available. Berkeley Homes confirm all services have been cut off at the site. **See Site Specific Risk Assessment & Method Statements for further details.**
	Gas	N	N	Telecom	N	N	
	Water	N	N	Virgin	N	N	
	Sewers	N	N				
	Telecommunications	N	N				

* ? = unknown

FIGURES

FIGURE 1 Site Location Plan
FIGURE 2 Site Phasing Plan
FIGURE 3 Hospital Location Plan

Figure 3 Hospital Location Plan



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Distance to hospital approximately 7.0 miles, approximately 16 minutes

Royal Berkshire Hospital
London Road
Craven Road
Reading
RG1 5AN.

Tel 0118 3225111.

Or in emergency: 999

APPENDIX A
RAMBOLL SITE SPECIFIC RISK ASSESSMENTS AND GENERIC METHOD STATEMENTS

PERSONAL SITE RISK ASSESSMENT

Project Name	**Green Park Village**	Job No	1620000492	Assessment Reference	HS01
Site Location	Reading	Assessment By	TS/CD	Approved By	PS
Description of Project	Excavation Earthworks	Issue Date	10/08/16	Next Review Date	17/08/16
Purpose of Site Visit - Site supervision watching brief of earthworks excavation to monitor for the presence of ACMs.					

Probability		Severity		Probability × Severity = Risk factor	The following actions are required to ensure that risks have been reduced to an acceptable level
5	Extremely likely	5	Fatality	Low risk = 1 - 6 Medium risk = 7 - 11 High risk = 12+	Risk Factor after control measures 1-6 OK TO PROCEED
4	Very likely	4	Major injury		
3	Likely	3	7 day injury		Risk Factor after control measures 7-11 FURTHER CONTROLS SHOULD BE APPLIED
2	Slight chance	2	Minor injury		
1	Unlikely	1	No injury		Risk Factor after control measures 12+ UNACCEPTABLE – DO NO PROCEED

Hazard	Persons at risk	Probability	Severity	Risk Factor before controls	Control Measures	Probability	Severity	Risk Factor after controls
1 Falls from Heights • Ladders • Scaffold • Tower Scaffold • MEWP's • Openings / Edges / Holes in ground • Fragile Material • Formwork / Steelwork	Ramboll Staff	2	4	8	Falls from height possible at edges of excavations and when working at or close to the working face of excavations; pedestrian access provided to be used to access excavations; safety footwear to be worn at all times; care to be taken when working at the face of excavations; no work to be undertaken within 1.0m of the edge of excavations.	1	4	4
2 Fall of objects	Ramboll Staff	1	4	4	The site has recently been cleared and there are no structures in the vicinity that items could fall from. Risks to be assessed onsite prior to works starting and continually during the project.	1	4	4
3 Movement of site plant and vehicles	Ramboll Staff	3	5	15	Be aware of all site vehicle movements; only use dedicated pedestrian access routes on site; high visibility clothing to be worn at all times unless wearing asbestos suits; maintain eye contact with operator of machine during excavation work; do not stand within reach of machine during excavation work; use clearly understood hand signals to stop the machine in order to inspect the excavation if necessary, and do so only when confident the machine operator is aware of your location. Contractor to supply banksman with each excavator.	1	5	5
4 Electricity	Ramboll Staff	2	5	10	This element of works will not involve the use of electricity.	1	5	5

Hazard	Persons at risk	Probability	Severity	Risk Factor before controls	Control Measures	Probability	Severity	Risk Factor after controls
5 Demolition/unsafe structures	Ramboll Staff	1	4	4	None expected.	1	4	4
6 Confined spaces/tunnels	Ramboll Staff	2	5	10	No Ramboll employee is to enter any confined space.	1	5	5
7 Asbestos	Ramboll Staff	2	5	10	Asbestos has been identified in soils on site; Lucion, a UKAS-accredited asbestos consultant, has been contracted to undertake continuous air monitoring, and for the provision and analysis of personal fibre monitoring equipment, together with the provision of mask fitting services. FFP3 face masks and specialist disposable overalls are to be worn by site personnel; dedicated safety boots are to be used that will remain in the 'dirty' end of the decontamination unit when not being used; disposable gloves to be worn over safety gloves when handling potential ACMs; the level of PPE required will be continually assessed and adjusted where required in conjunction with the recommendations of Lucion. Ensure adequate **dust suppression** procedures have been put in place prior to commencement of excavation.	1	5	5
8 Manual handling	Ramboll Staff	1	3	3	No requirement for manual handling is anticipated; site operative will to approved lifting procedures as defined in the H&S Manual; no person to lift more than they are comfortable with, or a maximum of 25kg at any one time; manual handling procedures to be continually assessed and reviewed on site.	1	3	3
9 Slips / trips	Ramboll Staff	3	3	9	Use dedicated pedestrian access routes to access the site; be vigilant and watch where you step; wear appropriate approved footwear with ankle support.	1	3	3
10 Access and egress	Ramboll Staff	1	1	1	Site access off Kirtons Farm Road. Only approved & agreed access and egress routes will be used. Notification to be supplied to Project manager (Tom Smith – 07918678240) upon arriving at and leaving site each day.	1	1	1
11 Buried services	Ramboll Staff	1	5	5	The site is understood to have been cleared of services; if Ramboll personnel suspect the presence of potential services during supervision of the excavation, work shall be stopped and the site supervisor alerted. The earthworks contractor is to be responsible for service clearance prior to excavation. Contractor clearance should include CAT scanning of the proposed area by a trained operator prior to digging together will slow digging of the JCB in all suitable locations.	1	5	5
12 Contaminated land	Ramboll Staff	2	2	4	Where possible do not handle material on site. If unavoidable always use of appropriate PPE, *i.e.*, disposable gloves. Wash hands before eating / drinking / smoking. General PPE will be worn as precautionary measure.	1	2	2

Hazard	Persons at risk	Probability	Severity	Risk Factor before controls	Control Measures	Probability	Severity	Risk Factor after controls
13 Derelict buildings	Ramboll Staff	1	1	1	None present.	1	1	1
14 Animal attack	Ramboll Staff	2	3	6	The site is likely to be secured and not open to public access. Interaction with animals is considered unlikely.	1	3	3
15 Excavation	Ramboll Staff	2	4	8	Falls from height possible at edges of excavations and when working at or close to the working face of excavations; pedestrian access provided to be used to access excavations; safety footwear to be worn at all times; care to be taken when working at the face of excavations; no work to be undertaken within 1.0m of the edge of excavations; potential for loose soil to fall from unstable faces of excavations; site staff to remain vigilant.	1	4	4
16 Health Hazards • Lead • Dust • Leptospirosis • Psittacosis	Ramboll Staff	2	3	6	S FFP3 face masks, specialist disposable overalls and disposable gloves are to be worn by site personnel; hand washing procedures to be followed. Dust suppression procedures to be employed on site.	1	3	3
17 Lighting	Ramboll Staff	1	1	1	Works are restricted to daylight hours only.	1	1	1
18 Machinery	Ramboll Staff	2	4	8	Be aware of all site vehicle movements; only use dedicated pedestrian access routes on site; high visibility clothing to be worn at all times unless wearing asbestos suits; maintain eye contact with operator of machine during excavation work; do not stand within reach of machine during excavation work; use clearly understood hand signals to stop the machine in order to inspect the excavation if necessary, and do so only when confident the machine operator is aware of your location. Contractor to supply banksman with each excavator.	1	4	4
19 Needlesticks / sharps	Ramboll Staff	2	2	4	Safety boots with midsole protection to be worn at all times. Do not touch what you cannot see.	1	2	2
20 Noise	Ramboll Staff	1	1	1	Acceptable noise levels will be emitted from the plant onsite. Consideration will be given to sensitive site users via liaison with the site owner.	1	1	1
21 Unexploded bombs	Ramboll Staff	1	5	5	Zetica Bomb Risk Map identified the site as a low risk site. Whilst on the construction site, staff will adhere to the building contractors health and safety regulations.	1	5	5
22 Violence	Ramboll Staff	2	3	6	Engineer to remain vigilant of other site users at all times. A site mobile phone shall be kept for emergencies. Liaison with Berkeley Homes security staff to be maintained.	1	3	3

PERSONAL SITE RISK ASSESSMENT

Hazard	Persons at risk	Probability	Severity	Risk Factor before controls	Control Measures	Probability	Severity	Risk Factor after controls
23 Water	Ramboll Staff	2	4	8	No works are planned to be undertaken by Ramboll operatives in immediate vicinity of water. Should operatives need to enter areas adjacent to water a life vest should be worn and operatives should be aware of the location of the closest life preserver ring.	1	4	4
24 Lone working	Ramboll Staff	1	4	4	Plan your journey, *i.e.*, time needed, fuel required, spare wheel, contact number for emergencies. Take suitable provisions, such as drinks, food. Let others know where you are going and when you expect to return. Take appropriate equipment to communicate in an emergency (check reception capabilities before setting off).	1	4	4
25 Weather (UV / cold)	Ramboll Staff	4	2	8	Wear appropriate PPE to suit expected weather conditions, *e.g.*, wind, cold and rain. Keep spare clothing, towels and hot drinks if extremes are expected.	3	2	6

APPENDIX B
LUCION STANDARD OPERATING PROCEDURES

Lucion Environmental
Delivering Trusted Hazard Management to the Built Environment.

Lucion Environmental Ltd
Registered in England + Wales 6495874
VAT Registration Number 208156326

Risk-Assessment

Job Ref No: ***121835****, Account Ref No:* ***1****, Contract Ref No:* ***15997***

Nearest postcode is: RG30 3UR. Refer to notes for directions.

Title*: PCM Air Monitoring During Asbestos in Soils Support, Phase 5, Green Park Village*



on site photo

The scoring system to asses Risk Factor used below considers Severity of consequences resulting from the hazard (1=Low, 2=Medium, 3=High) and the Probability that something could happen (1=Low, 2=medium, 3=High). The two variables are multiplied to give a figure which will determine the 'acceptability' of a particular hazard (1-2 = Acceptable, 3-4 = Tolerable, 6-9 Unacceptable). The scores are likely scores only; if you disagree with them they should be amended appropriately. Refer to SOP01.14. Residual Risk is scored accordingly (1-9) any score of 3-9 (Tolerable – Unacceptable) will require contact with your line manager before proceeding.

Head Office
7 Halifax Court, Dunston,
Gateshead, NE11 9JT
E: *enquiries@lucion.co.uk*
T: *0191 461 8999*

The following table shows the risks that the Surveyor(s) have selected as applicable to this Job.

Hazard	Risk Cause	Severity (A)	Probability (B)	Risk Factor (AxB)	Preventive Action	Personnel Exposed	PPE/RPE/Control Measure Used	Residual Risk
Acetone fumes	Breathing of acetone fumes in the confines of a van and ignition of fumes	2	1	2	Ensure adequate ventilation and no sources of igntion are present when preparing slide for analysis	Site	Only very small quantities used <0.25ml - COSHH assessment 14	2
Sharp objects / edges	Inappropriate handling of tools. Sharp edges, broken glass in buildings.	1	3	3	Take care whilst handling equipment. Assess risks prior to commencement of work and address any hazards identified.	Site	Risk assessment of work area. Wear PPE including gloves	1
Debris - grit / objects etc	Debris entering eyes and falling / flying objects hitting personnel	2	2	4	Wear eye protection. Keep head away from fall zone. Wear head protection	Site	Safety glasses, hard hat with visor fitted	2
Electricity - equipment and wiring	Contacting live electrical components / equipment	3	2	6	Consult status on methods statement, arrange electrical isolation or competent person accompaniment. If encountered, do not go near loose or damaged wiring until it has been isolated. Do not open fuse boxes or tamper with electrical equipment.	Site	Insulated tools. Permit to work. Wear suitable PPE. Planned maintenance inspections. Isolation cert issued before commencement of work.	3
Moving plant and equipment	Contact with moving machinery	3	1	3	Avoid access, keep at a safe distance and do not compromise guards, arrange for machines to be isolated and locked off.	Site	Ensure machinery is isolated and locked off by competent person. Adhere to permit to work if being used. Wear suitable PPE at all times and ensure no loose items on person	3
Fire	Ignition of flammable substances	3	1	3	Sites: Avoid sources of ignition. No smoking on site. Consult fire safety plan for property and discuss arrangements with team. For regional offices: Fire risk assessment for each office, emergency plan, fire alarm systems, appointed responsible persons to take weekly checks. Good housekeeping in offices, all personnel have basic fire training.	All	Be aware of plan or emergency evacuation procedure for site or office.	3
Asbestos fibres - respirable	Inhalation of asbestos dust	3	2	6	To comply with Regulation 16 Control of Asbestos Regulations (2012) you have a duty to prevent the spread of asbestos fibres. Therefore, ensure that all materials to be sampled are adequately wetted with surfactant prior to and during sampling. Select minimum disturbance point to take sample from. Ensure tools are decontaminated following each sampling activity. Ensure no personnel are adjacent sampling activities. Only trained and qualified personnel are to undertake sampling activities. In addition. Refer TOP01.02. ALWAYS WEAR HALF MASK IN SUSPECT AREAS & DURING SAMPLING.	Site, client staff, public	Orinasal half mask fitted with P3 type filters. Valid face fit certificate. Follow HSG 264 /HSG 248 Guidelines.	3

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Hazard	Risk Cause	Severity (A)	Probability (B)	Risk Factor (AxB)	Preventive Action	Personnel Exposed	PPE/RPE/Control Measure Used	Residual Risk
Asbestos fibres - contactable	Disturbance of asbestos fibres when sampling materials and conducting air monitoring activities	2	2	4	Wear disposable overalls and treat as contaminated waste after use. Use safe sampling techniques to ensure coveralls do not become contaminated via sampling activities. Use reinstatement method as per method statement on completion of sampling if applicable. Do not wear outer clothes under coveralls during 4 stages clearances. Follow HSG 264 and HSG 248 decontmination guidelines. Refer TOP02.08 and SOP01.16.	Site, client staff, public	Disposable asbestos grade overalls (Cat 5 / 6). Follow HSG 264/HSG 248 Guidelines.	2
Asbestos fibres - tool contamination	Contamination of tools following sampling of ACMs or use during visual inspection	2	2	4	Clean with wet wipes and bag wipes after use. Dispose of wipes as contaminated waste in uncleanble (e.g. brush)	Site	Wear PPE / RPE when cleaning. Use only issued tools and equipment and ensure that pliers have had serrations removed from jaws	2
Asbestos fibres - sampling	Rendering asbestos fibre airborne	2	2	4	Keep materials wet during sampling and double bag. Use safe sampling techniques as per qualifications and training. Use injection method for sprayed coating and insulation.	Site	Follow HSG 264 Guidelines and TOP01.02	2
Moving vehicles / plant	Contact with moving vehicles including forklift trucks, excavators, lorries etc	3	2	6	Wear Hi Visibility clothing and protective footwear. Ensure that you have informed all on site of your presence. Do not work behind stationary vehicles. Pay attention in warehouses and especially when wearing hearing protection. One man to prevent entry from vehicles if appropriate. Stick to man routes on site. Erect no entry signs. Fence off.	Site	Wear suitable PPE at all times. All persons working from platform must be suitably trained	3
Car Parks (presence of moving vehicles)	Being struck by moving vehicles, or injuring a car park user	3	1	3	Drive slowly to allow for unexpected vehicle movement. Ensure area is adequately lit with daylight, street lamps, fixed lighting or head lights from the vehicle. If possible use the car park during a low occupancy time. Make sure all drivers are appropriately licensed and experienced. Ensure all roads are free from moving traffic before exiting the vehcile, and ensure the roads are free from moving traffic when unloading / loading equipment from the vehicles. Use a full 360 degree check of the vehilce before driving away, and adopt Lucion's RISE program - Reverse Into Spaces Everytime, to ensure safety when later pulling away from a parking space. Stick to designated safe walkways if present.	Site, client, public	Ensure driving licence is kept on record and that the Lucion personnel have undergone the H&S induction, including driver training. Keep to 5mph when driving within car parks. Work wearing Hi Vis clothing (vest or jacket) to ensure maximum visibility. Use designated walkways.	3
Manouvering vehicles	Striking another person or object when manouvering	2	1	2	RISE - Reverse Into Spaces Everytime. Perform "circle of inspection" by walking round vehicle before moving off. Use a banksman to assist in parking. Ensure area is safe and suitable to park in.	Vehicle driver and bystander	Signage on all Lucion buildings. Training given to all drivers. RISE initiative	2
Contact with moving vehicles	Contact with moving vehicles associated with the airport environment both airside & landside	3	2	6	Wear Hi visibility clothing and protective foot wear. Ensure that you have informed all on site of your presence. Do not work behind stationary vehicles. Follow all marked out pedestrian routes where present. Section off work area where required using appropriate barriers. Erect no entry signs. Remain vigilant and follow site safety rules at all times	Site	Wear hi visibility clothing and protective footwear at all times	3
Mechanical vehicle failure	Lack of maintenance, failure to carry out pre-driving checks	3	1	3	Ensure vehicle is maintained in accordance with manufacturer's stipulations. Check vehicle daily. Vehicle checks reported monthly to include condition of tyres, lights, fluids, tax etc.	Vehicle drivers	Maintenance records. Approved service centres. Replacement of company vehicles at 3 years old. Vehicle check records.	3

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Hazard	Risk Cause	Severity (A)	Probability (B)	Risk Factor (AxB)	Preventive Action	Personnel Exposed	PPE/RPE/Control Measure Used	Residual Risk
Roadside breakdown	Vehicle or driver hit by another vehicle	3	1	3	Leave vehicle and retreat to a safe distance behind barriers etc. Warn other road users if vehicle is stopped in a hazardous location. Ensure wheels are turned towards the kerb side.	Vehicle drivers	Ensure you are visible to other road users - wear high-vis jacket or vest. Call for help as detailed in the driver information card in each vehicle. Stand away from the vehicle.	3
Driver fatigue	Lack of sleep. Driving for long periods. Driving at night. Insufficient rest stops.	3	2	6	Regular breaks (15 minutes every 2 hours). Lift share.	Vehicle drivers	Regular breaks. Avoid night time driving. Overnight accommodation to avoid repeat journeys. Company policy. Vehicle tracking to monitor driving styles and duration.	3
Speed	Making up for lost time. Unawareness of speed limits. Driving on unfamiliar roads.	3	2	6	Stay within National Speed Limits. Awareness of surroundings, other road users, road conditions, obeying signage.	Vehicle drivers	Vehicle telematics to monitor speed.	3
Weather conditions	Rain / Snow / Ice on roads. High winds. Bright sunlight / glare.	3	2	6	Awareness of prevailing weather conditions. Observe warning notices on roads. Reduce speed in poor conditions.	Vehicle drivers	Wear sunglasses. Vehicle telematics to monitor speed.	3
Underground services (electrical, gas, water, comms etc)	During trial pit investigations, bore hole investigations and hand digs contact and damage to services may occur resulting in fatal injuries from gas explosions, electric shocks etc	3	3	9	Documented TOPs for hand digs, supervision of boreholes and hand digs. CAT scanning by trained personnel in area of works. Documented emergency procedures in SOP 01.15. Site specific risk assessments and method statements for each project, based on pre works desktop studies to identify service locations as far as possible.	Site	During hand digs to expose services flame retardant coveralls should be worn	3
Collapse of trial pit or hand dig	Trial Pits or hand digs in unstable ground could collapse trapping persons resulting in fatal crushing and asphyxiation	3	3	9	Safe working procedure TOP for trial pits and hand digs- no persons allowed in pits over waist deep with a maximum limit of 1.2 m Operatives to be at safe distance from trial pit during excavation as per TOP requirement. Samples to be taken from arisings. Depth measurements to be taken from safest locations possible adjacent to pits. Where ground becomes unstable further works to cease. Trained contaminated land consultant directing works. Benching and battering of digs where potential instability identified.	Site		3
Unexploded bombs and ordnance underground	Unexploded bombs and ordnance could explode if damaged resulting in fatality	3	2	6	Pre works desktop studies of high risk areas i.e: World War 2 bombing sites, former munitions factories etc used to formulate detailed Risk assessment and Method Statement. Provision of specialist subcontractors to perform surveys, watching briefs during digs if required. Controlled digging procedures as per TOPs minimise risk of detonating any items. Work to cease immediately if suspicious items are found.	Site		3

table continued from previous page...

Hazard	Risk Cause	Severity (A)	Probability (B)	Risk Factor (AxB)	Preventive Action	Personnel Exposed	PPE/RPE/Control Measure Used	Residual Risk
Falls into trial pits and hand digs	Potential of persons to fall into pits resulting in injuries up to fatality level	3	2	6	Open trial pits not to be left unattended during works. Safe working procedures and segregation from other site staff during excavation to minimise fall risks. Completed trial pits to be backfilled or appropriate secure barriers/warning signs to be applied if left unattended for any length of time.	Site & public		3
Manual handling of equipment, samples etc	Incorrect manual handling may cause strains, sprains and long term disorders	2	2	4	All site investigation staff given manual handling training as part of basic skills training. Specific heavy loads to be assessed and planned using "TILE" approach Task, Individual, Load, Environment. For large or cumbersome loads use assistance.	Site	Protective gloves with firm grip to be used where required.	2
Slips, trips and falls	Site investigation has potential injuries from both introduced items (i.e :equipment and supplies) and hazards specific to the actual site (i.e slippery surfaces, rubbish, tree branches etc)	2	3	6	Good housekeeping to be maintained on all sites. Arisings from excavations to be kept in dedicated heaps. Potential site trip hazards such as rubbish, tree branches etc to be removed from area of works. Staff to be vigilant of slippery surfaces particularly in sloping areas.	Site	Safety footwear with ankle support.	2
Heavy and awkward objects	Poor handling / lifting excessive weights	3	2	6	Share / reduce load. Don’t lift more than 13kg in any one lift or beyond your personal capabilities. Dismantle air kit for loading into a vehicle.	Site	Lifting keys for drain covers. Adopt good manual handling techniques, do not lift loads if its suspected that they are too heavy for your capabilities. Ensure you have manual handling training	3
Asbestos fibres - transport of samples	Rendering asbestos fibre airborne	2	2	4	Double bag all samples and place in outer bag and then in sealed and labelled box for transport by road. Use post safe packs correctly.	Site	Follow HSG 264 Guidelines and TOP01.02	2

Signatures

Scott Landells

Friday, 1st July, 2016

Intended for
St Edward Homes Ltd

Project no.
1620000492

Date
10 August 2016

ASBESTOS MANAGEMENT PLAN

GREEN PARK VILLAGE – PHASE 5

ASBESTOS MANAGEMENT PLAN
GREEN PARK VILLAGE – PHASE 5

Revision History

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-	0/08/2016	Draft for comment	162000492-GPV-P5-AMP	-
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ASBESTOS MANAGEMENT PLAN
GREEN PARK VILLAGE – PHASE 5

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DRAWINGS

Figure 1.1 Location on Phase 5 Site where ACM have been encountered to date

Figure 2.1 Flow Chart to Determine Licensed vs. Unlicensed Work

Figure 2.2 Flow Chart to Determine Unlicensed vs. Notifiable Unlicensed Work

APPENDICES

APPENDIX A: Contractor Construction Phase 5 Safe System of Work Method Statement dated XXth August 2016 – when ready

APPENDIX B: Flow Charts to Assess Licensable Non Licensable Work and Site Setup Procedures

APPENDIX C: Asbestos Plan of Works Schematic

1. INTRODUCTION

1.1. Introduction

Ramboll have been instructed by St Edward Homes Ltd (St Edward) to advise on and provide watching brief role for the site enabling works, comprising obstruction removal and the construction of a clean working corridor for further works at the Phase 5 area, Green Park Village (GPV) site, Reading.

Previous ground investigations indicate the Made Ground soils with the western portion of the Phase 5 area are impacted with Asbestos Containing Materials (ACMs). Therefore, Ramboll have been tasked to produce this Asbestos Management Plan (AMP) contained herein, and produce watching brief to advise St Edward and their appointed groundworks contractor on industry best practice based on onsite observations.

The Asbestos Management Plan (AMP) developed herein has been completed in general accordance with Regulation 7, Control of Asbestos Regulations 2012 (CAR, 2012, 2012/632).

Locations in which Asbestos Contaminated Soils (ACS) have been encountered on the Phase 5 Site to date are shown on the Figure below, as of 7th July 2016 The plan is being continually updated and is therefore subject to change but also shows areas where ACS are provisionally presumed to be present.

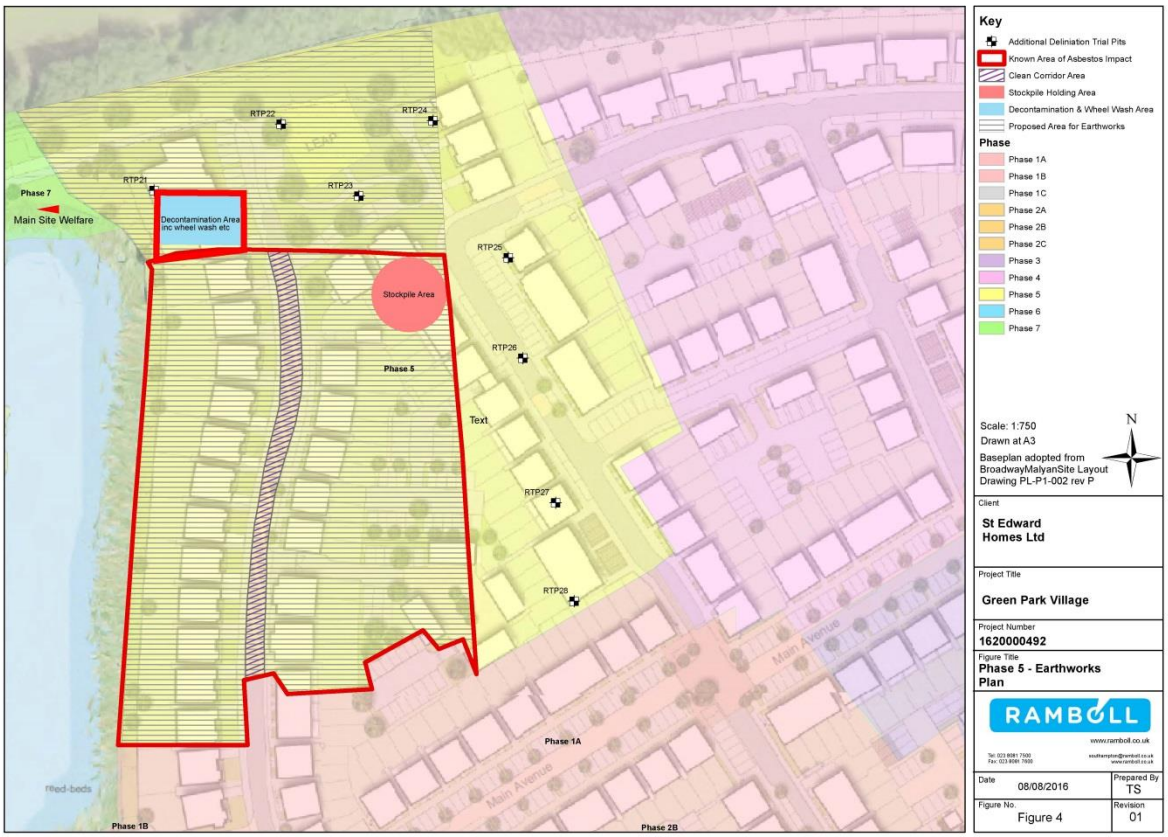


Figure 1: Location on Phase 5 Site where ACMs have been encountered to date, main working area, and delineation works area, and provisional location of clean corridors.

1.2. Key Stakeholders

For ease of reference the following project stakeholders have been defined:

- **St Edward Homes*** – Main Client / Site Owner / Developer
  - *A joint venture between The Berkeley Group Holdings plc (Berkeley) and The Prudential Assurance Company Ltd (Prudential). Such the client is more commonly known as Berkeley and for clarity further referred to as **Berkeley**;
- **Ramboll** –Environmental Consultant & asbestos watching brief;
- **Competent Contractor [yet to be appointed]** – Principal Earthworks Contractor; and
- **Lucion Environmental Ltd** – Specialist Asbestos Contractor – Onsite Analysis;

1.3. Objectives and Purpose of Study

The Phase 5 site area is located approximately 4km to the south of Reading town centre Berkshire, located off Longwater Avenue in Green Park. The wider GPV site is intended for approximately 737 No. residential properties, including housing with both private and communal gardens, a school, retirement care home, community uses, commercial premises and public open spaces. The development also includes access roads and soft landscaping. Ground levels across the entire site are intended to be raised for flood alleviation purposes.

Within the wider site area, the site has been split into a number of phases, of which Phase 5 is planned to comprise residential housing with gardens, areas of soft landscaping and associated roads and infrastructure. Generally ground levels are proposed to be raised by approximately 1.0m to 1.5m above current levels under a Bespoke Environmental Permit ref EPR/DB3206HL.

Details of the Phase 5 and wider GPV site area including; site history, relevant potentially contaminative onsite activities, environmental setting and previous phases of ground investigation are provided with the reports detailed below:

- Green Park Village Ground Contamination Interpretative Report, Ramboll, March 2016; and
- Green Park Village Phase 5 Ground Investigation Findings and Remedial Options [DRAFT], August 2016.

As reported within GPV Phase 5 Ground Investigation Findings and Remedial Options (Ramboll 2016), large area of the Phase 5 site was found to be impacted with visibly discrete asbestos fragments across the majority of the site typically presenting as cement type materials with isolated asbestos insulation boards fragments. Residual asbestos fibres within the soil matrix were also identified across the majority of the site typically presenting as insulation/lagging type materials, cement type materials and loose fibres.

As part of the outline Remediation Strategy, it was proposed to undertake a further phase of delineation trial pitting and site enabling works which are to include **obstruction clearance works** within the onsite Made Ground soil areas and the **creation a clean corridor working areas** to aid further site development. The clean corridor working areas are to be created in the locations of the proposed roadways. In these locations material will be excavated to natural strata and to a width of 2m in the centre of the proposed roadways Following this a brightly coloured membrane separator is to be placed to the base and sides of the corridor and filled with material compliant with the bespoke environment permit .

The site enabling works are programed to commence on the 16th August 2016 and last for 2 No. weeks.

This AMP has been prepared to address the risks associated with ACS in the Phase 5 area and to allow the site enabling works to progress in an appropriate and safe manner.

The wider site works, risks controls are more fully described in the Contractor Construction Method Statement and Risk Assessments (RAMS).

A competent Contractor is to be commissioned to undertake all of the enabling works to be carried out on site. This work also includes the removal of all hardstanding's, buried infrastructure and foundations. This document only considers the removal of such where they are in contact with ACS.

The anticipated programme for the remediation works in Phase 5 is circa 2 weeks and approximately 5 – 10 personnel may be employed at any one time on works that may include direct work with ACS.

A separate RAMS will be prepared by Ramboll for Ramboll site staff undertaking the watching brief role. Input to the Contractor RAMS is to be provided by Ramboll following incorporation of the requirements detained herein.

1.4. Report Structure

The report structure is as follows:

1. **Introduction** – provides background and consultant's brief for the project;
2. **Licensed / Unlicensed** – provides procedure for determining if work is licensed or unlicensed;
3. **Communication** – provides lines of communication throughout the Phase 5 earthworks process;
4. **Controls** – provides details on the control to be used during the Phase 5 earthwork;
5. **Management of Asbestos Waste** - details regarding final destination of asbestos impacted wastes;
6. **Reporting** – final reporting procedures; and
7. **References** -

1.5. Constraints and Limitations

This report has been prepared on behalf of Berkeley for the purpose of assisting them in the management of ACMs at the Phase 5, Green Park Village, Reading. This report shall not be relied upon by any third party unless that party has been granted a contractual right to rely on this report for the purpose for which it was prepared.

This report has been prepared in accordance with current UK guidance.

The findings and opinions in this report are based upon information derived from a variety of information sources. Ramboll believe these information sources to be reliable. This review has been prepared on the basis of the above information. Ramboll cannot accept any liability for the accuracy or otherwise of any information derived from third party sources.

It should be noted that some of the aspects considered in this study are subject to change with time. Therefore, if the development is delayed or postponed for a significant period, a review should be completed to confirm that no changes have taken place, either at the site or within relevant legislation.

2. LICENSED / NON LICENSED WORK

2.1 Status of Work

As reported within GPV Phase 5 Ground Investigation Findings and Remedial Options (Ramboll 2016) regarding the type and condition of the ACMs present on site. It is anticipated that the Ramboll watching brief during the enabling will be categorised as unlicensed work.

Figure 2.1 below shows the procedure to determine if the work is Licensed or Unlicensed and Figure 2.2 shows the procedure to determine if the work is Unlicensed or Notifiable Unlicensed work.

Note for the purposes of the decision making process at the Phase 5 site the following comments are made:

- Following a review of the Phase 5 area ground investigation onsite asbestos air monitoring results, the types of ACM/ACS expected and the assumption that the control specified control measures are implemented that the short term exposure limit will not be exceeded (STEL).
- The ACM recorded within the Phase 5 ground investigation were **not** noted to be degraded and the expected site activities are not expected to significantly induce any deterioration.
- 3No. isolated visible fragments of asbestos insulation board (AIB) were encountered during the site works and this isolated occurrence is considered not to represent the wider site conditions;]
- However, should further fragments of AIB material be encountered, it is likely that localised areas of the Phase 5 area may be categorised as Notifiable Non Licensed Works or if significant fragments of AIB or lagging type materials are encountered then the work will be categorised as Licenced Works and notification would and other mandatory actions would apply.

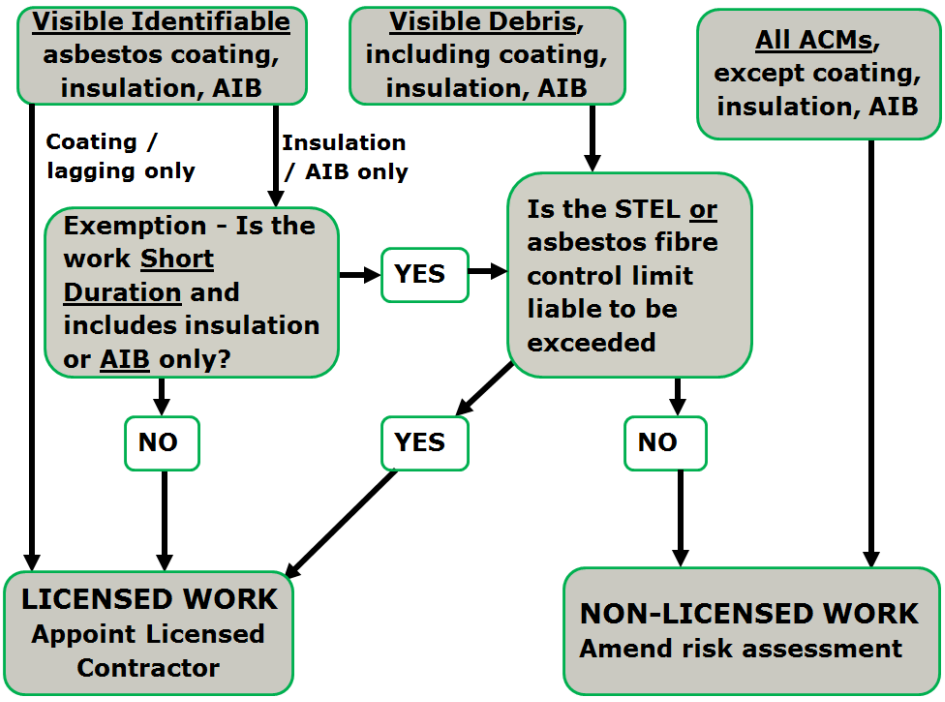


Figure 2.1 Flow Chart to Determine Licensed vs. Non Licensed Work

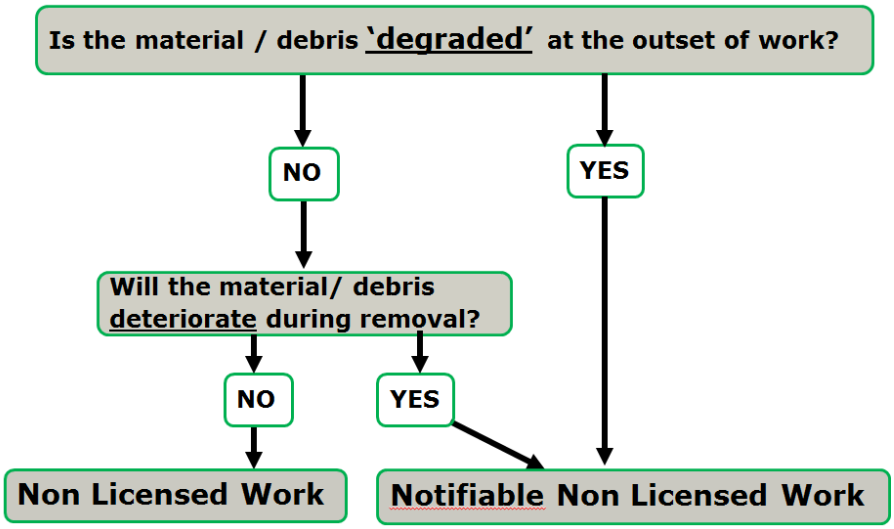


Figure 2.2 Flow Chart to Determine Unlicensed vs. Notifiable Non Licensed Work

3. COMMUNICATION

3.1. Chain of command

The following lines of communication have been established:

1. **Berkeley** Homes - Client and Principal Contractor;
2. **Competent Compactor [to be appointed]** – ground workers/plant operators;
3. **Ramboll** – Consultant for Berkeley & watching brief role;
4. **Lucion** Environmental – asbestos air monitoring analysis (report to Ramboll).

This AMP must be communicated to those undertaking the work and those that may be affected by the works. This communication can be sub-divided into internal and external parties.

Internal Parties are those individuals that will actually undertake work with ACS, namely, Ramboll watching brief supervisor, Contractor Banksman and excavator operators etc.

External are those parties that may be affected by the works. These will include other trades working on the wider site. Due to the controls and proximity to any other potential receptor beyond the site boundary, public consultation is not considered necessary.

This document should also be submitted kept with the H&S File managed by the Principal Contractor so that it can be presented to the local authority (Environmental Health or Contaminated Land Officer) for information if requested.

3.2. Internal

This document must be available for inspection and reference by all personnel employed to actually undertake work with ACS namely, Ramboll watching brief supervisor, Contractor Banksman/ Plant operators, and Lucion analysts. Therefore, **a hard copy must be maintained on site at all times.**

Prior to the main works with ACS, all personnel must be inducted and briefed on this document, and be provided with an opportunity to ask questions or make comment. They must then sign to say that they have received induction, been talked through and understand, this document.

In the event that this document is reviewed, then details of the review must also be similarly communicated.

3.3. External

An overview of the works and controls should be communicated to all personnel involved in the enabling works in the Phase 5 area. This could be achieved through a presentation to senior site based personnel for Berkeley Homes and the Contractor who could then disseminate the information to other interested parties in an appropriate manner. This should also include other trades employed at the site.\

4. WORKING METHODOLOGY AND CONTROLS

4.1. Working Scenarios

Three scenarios exist for work in the Phase 5 area:

1. Standard enabling work provided by the Contractor contracted works – where ACMs are not expected (*i.e.* in areas where delineation exercise has demonstrated that there is no impact by asbestos or areas as yet investigated).
2. Excavation where ACMs have been observed but condition is considered to constitute Non Licensed Work which also is not notifiable work; and
3. Excavation where ACMs have been observed and condition is considered to constitute Licensed Work or Notifiable Non Licensed work.

Note for the proposed asbestos delineation works it is considered prudent to assume that scenario 2 would be most appropriate. Under CAR 2012, this assessment needs to be continually reviewed by Ramboll watching brief personnel in conjunction with all parties.

During the creation of the clean corridor working area, where there is potential for ground workers to come into contact with or disturb ACS then scenario 2 will apply.

Whenever stockpiles of material are created onsite, e.g. concrete obstruction prior to removal for crushing, it is recommended that a visual inspection of these materials is undertaken by the Watching Brief to assess for the presence of visible ACMs or potential ACS.

An overview of the Methodology and controls is given in Table 4.1 below.

Table 4.1 Overview of Control Measures

Methodology	Responsible Party	Control Measures
Watching Brief	Ramboll	Trained and competent person to assess contaminated soils during the excavation process.
Air monitoring	Lucion Environmental	Independent air monitoring to be conducted around the Phase 5 site to provide quantitative data with respect to fibre suppression mitigation measures. To include boundary, operational and personal air monitoring.
Controlled Earthworks and site quarantine	Contractor	Impacted area fenced off, adequate signage provided.
Dust suppression	Contractor	Dust suppression will be required in all areas of excavation. Dust suppression method shall be dependent on available water supply, but as a minimum will comprise low pressure jet-washers with bowsers in each of the areas in which Ramboll personnel are working. Dust suppression to be the responsibility of the Contractor personnel.
Movement of	Contractor	Implement Contractor Materials Management Plan (MMP) to control the movement of

Methodology	Responsible Party	Control Measures
impacted soils [If required]		asbestos contaminated soils. Contaminated soil movements further outlined if required.
Movement of non-impacted materials [e.g. concrete obstructions for crushing],	Contractor	Adherence to MMP for all material movements. Inspection of stockpiles prior to movement by Watching Brief for the presence of visible asbestos. Following processing of materials further testing recommended.
PPE	All parties	Use appropriate PPE at all times: • Washable safety boots or a dedicated pair of safety boots for the 'dirty' side of the decontamination unit; • Disposable gloves and Category 3 Type 5/6 Tyvek disposable hooded overalls; • Face Fitted Respirators EN140 with P3 filter, semi-disposable respirators – EN405 with P3 filter

4.2. Proposed Methodology for ACM management in Phase 5: STANDARD EXCAVATION

Ramboll Role

Ramboll will provide one **competent** and trained asbestos operative as a watching brief for Contractor to undertake watching brief of any excavation or enabling works within Made Ground soils (where required). Ramboll are to provide an indication to Berkeley if Made Ground soils have the potential to contain ACMs.

Note it is *not considered likely* that all excavation or enabling works within the Phase 5 area will require Ramboll Watching Brief role.

Ramboll operatives to take ownership of the watching brief on behalf of Contractor to **visually assess Made Ground** for the presence of ACMs during excavation works.

Due to the recorded presence of ACM within the Phase 5 site area it is recommended that **Lucion Environmental** to provide asbestos analyst throughout 2 No week programme of works for **background air monitoring** (monitoring adjacent to the excavation and at perimeter) and personal monitoring (Note Lucion Environmental can analyse up to 12No. samples per day and only two of these samples will be from personal monitors) – Ramboll to review and collate this data.

Berkeley and Ramboll to decide on a daily basis best course of action with regards to placement of static and personal monitors (*i.e.*, plant operators and static points dependent on works location).

Asbestos air monitoring is recommended when any ACS are to be worked, *i.e.* subsequent works following this initial 2 No. week programme.

Ramboll operatives to provide constant site presence during intrusive works to assess potential impacted soils (where required) and provide feedback to the Contractor supervisor.

Where asbestos is not suspected – enhanced PPE is not required.

While not required, in soils not suspected of containing ACM, **adequate dust suppression methods is recommended** and should comprises as a minimum jet-washers with bowsers to be in operation in each of the working areas.

If ACM material is identified by Ramboll personnel, excavation works to cease immediately and Ramboll to assess material type with regards to licensable / un-licensable / notifiable works – refer to Flow Chart Guide – see **Section B**;

Outcome of above assessment to provide next actions:

- Works are non-notifiable non-licensed – Ramboll take ownership – refer to Flow Chart Guide provided – Appendix B;
- Works are notifiable non-licensed – Ramboll take ownership but consult and agree with Berkeley – refer to Flow Chart Guide provided – Appendix B;
- Works are notifiable and licensed. Area quarantined, licensed asbestos contractor contacted. Contractor to erect localised barriers and erect signage and control access to area.

4.3. Proposed Methodology for ACM management in Phase 5: NON-NOTIFIABLE UNLICENSED WORK AND NOTIFIABLE UNLICENSED WORK

Once ACM has been observed and the work falls into NON Notifiable Unlicensed or Notifiable Unlicensed work then works can proceed as per best practice given below. As discussed above, due to the presence of ACM and fibres within the soil, site works within the impacted Phase 5 area are initially classified 4as Non Notifiable Unlicensed Works

NOTE the only exception is that if work is Notifiable then the HSE must be notified and all operatives require a health screening assessment before work can continue.

Working procedure and PPE precautions MUST be as standard:

PPE to include:

- Washable safety boots or a dedicated pair of safety boots for the 'dirty' side of the decontamination unit;
- Disposable gloves and overalls (Type 5,6 Tyvek disposable overalls); and
- Face Fitted Respirators EN140 with P3 filter, semi-disposable respirators – EN405 with P3 filter - .

Procedures to include:

- **Ramboll** to confirm that air monitoring results demonstrate no exceedences of fibre target levels – defined below;
- **Ramboll** to ensure area is cleared of all personnel except Contractor operatives – *i.e.*, plant operators and Banksman;
- Area to be fenced off by **Contractor**;
- **Ramboll** to confirm any operatives working within the asbestos impacted area to be trained and competent (including Banksman and excavator operator);
- **Ramboll** to record daily excavation/enabling works and note location of ACM impacts annotated on site plan and photographic log;
- **Contractor** to confirm correct PPE and RPE is being worn by their staff (Banksman, excavator driver and dust suppression operative) – as stated above;
- **Ramboll** to confirm personal air monitors have been issued to all staff involved in excavation (to be provided by **Lucion Environmental**, up to 2 No. tests in total per day);
- **Ramboll** to confirm static air monitoring have been put into correct positions (adjacent to excavation and perimeter monitoring – Lucion Environmental);
- **Ramboll** to confirm adequate dust suppression equipment has been mobilised to correct areas;

- Area to be doused in water and jet-wash with mobile bowser to be used to provide continuous misting to working area prior to commencement of works (**Contractor** personnel);
- Working areas to be kept to a minimum, as to allow for dust suppression measure to saturate the soils accordingly;
- **Contractor** to stop works intermittently to allow Ramboll operatives to assess working area and determine whether quantity and type of visible asbestos;
- During the enabling works following obstruction clearance works, **Ramboll** operative will check for the presence of surface impacts by ACMs. If visible ACM are of sufficiently low volume and not high risk materials then *limited* hand picking may occur, where Ramboll will then double bag the ACM (swan neck tied, tapping etc.) and remove to a lockable skip contained within the wider GPV area
- Should high volumes be encountered, localised covering with loose soils are recommended to minimise potential further risks.
- **Ramboll** to reassess risks to operatives (review air monitoring data) and assessment of control measures and determine whether further works are to continue;
- When only occasional ACM fragments remain, **Ramboll** will then hand pick and double bag the ACM (swan neck tied, tapping *etc.*) and remove to a lockable skip contained within the wider GPV area;
- **Ramboll** to confirm working areas are clear of visible ACMs at the surface and to record such by annotating the Asbestos Location Plan, or a blank site plan with grid lines. Confirmation that the area is considered to be clear of visible ACMs at the surface to be provided verbally to Contractor personnel;
- **Contractor** to wash down excavator vehicles / equipment as part of decontamination procedures; and
- Personal decontamination to be undertaken via decontamination unit (where required);
- **Ramboll** to place their own used PPE in red asbestos waste bag whilst still inside 'dirty' end of decontamination unit; subsequent double-bagging, swan necking and taping, *etc*., can be done elsewhere if preferred. Bagged waste to be placed in lockable hazardous waste skip located in the wider GPV site.

4.4. Proposed Methodology for ACM management in Phase 5: LICENSED EXCAVATION

When there is visual evidence of asbestos lagging, insulation or AIB which is in a degraded form, then the work will be considered to be **LICENSABLE** work.

Ramboll operatives will stop the work and ensure that the area is cleared of all personnel except **Contractor** operatives who will erect a fence and quarantine area.

Berkeley will erect additional signage and control access to area and take control of this location from Contractor. Where upon a Licence Asbestos Contractor should be contacted to undertake site works.

Also, if the ACM material cannot be identified but is in a friable form, then until laboratory testing confirms otherwise, a worse case condition will be assumed and the work will be deemed to be LICENSABLE.

4.5. Air Monitoring Control Limits

The following legal definitions apply to air monitoring control limits:

The legal control limit for asbestos is 0.1 fibres per cubic centimetre of air (0.1f/cm^3) over 4 hours;

Short duration work is defined as when working with the ACS will not take more than 2 hours in any seven day period and no one person works for more than one hour in that two hour period; and

Sporadic and low intensity work (SLIW) is when the concentration of asbestos fibres in air should not exceed 0.6f/cm^3 over 10 minutes.

4.6. Asbestos Plan of Works Schematic

A Asbestos Plan of Works Schematic drawing has been produced in order to complexly with the requirement of CAR 2012 regulations. This document is live and subject to revisions based on onside observations and analysis. The Asbestos Plan of Works Schematic is provided within Appendix C.

5. MANAGEMENT OF ASBESTOS WASTE

5.1. ACM Impacted Soils

Ramboll understand that no removal of potentially ACM impacted soils are planned during the GPV Phase 5 site works. As such this document would require updating in the event of deviation from this.

5.2. Waste PPE

Used sheeting, PPE, wipes and Tack rags should be disposed of as asbestos waste. Used PPE (suits/gloves) will be double bagged, swan necked and taped and placed in a lockable hazardous waste skip located in the GPV site area. The placement of used PPE into the first [red] bag will take place in the 'dirty' end of the decontamination unit. The subsequent double bagging can then be done elsewhere if this is preferable.

5.3. Waste Consignment Notes

Waste Consignment Notes for the asbestos impacted material removed from site will be managed by Contractor/Berkeley.

6. REPORTING

On completion of the works, a brief report should be compiled by Ramboll to confirm what works have been completed in terms of asbestos remediation works. As part of the Phase 5 works an Environmental Verification Report is to be prepared by Ramboll as part of its wider Project Environmental Consultant role. This verification report will also constitute a verification report for the MMP.

With regards to the asbestos contamination on and as a minimum, the report should include the following:

i. Re-assurance monitoring records;
ii. Daily log/diary of completed works;
iii. Duty of care and consignment notes;
iv. Any additional testing data;
v. Confirmation of any major review of the AMP;
vi. Records of communication / consultation;
vii. Date and duration of the works;
viii. As-built drawing showing area and depth of any ACS removed and area and depth of ACS reused;
ix. Copy of the notification to the HSE (if required);
x. Photographs of the works especially those showing the controls in place;
xi. Any other relevant information.

The aforementioned report should be used by the duty holder to update the asbestos written plan and site asbestos register as detailed in Regulation 4 CAR 2012.

All documentation generated as a result of Ramboll watching brief works are to be collated and provided to Berkeley for inclusion in the Berkeley asbestos on site hard copy file.

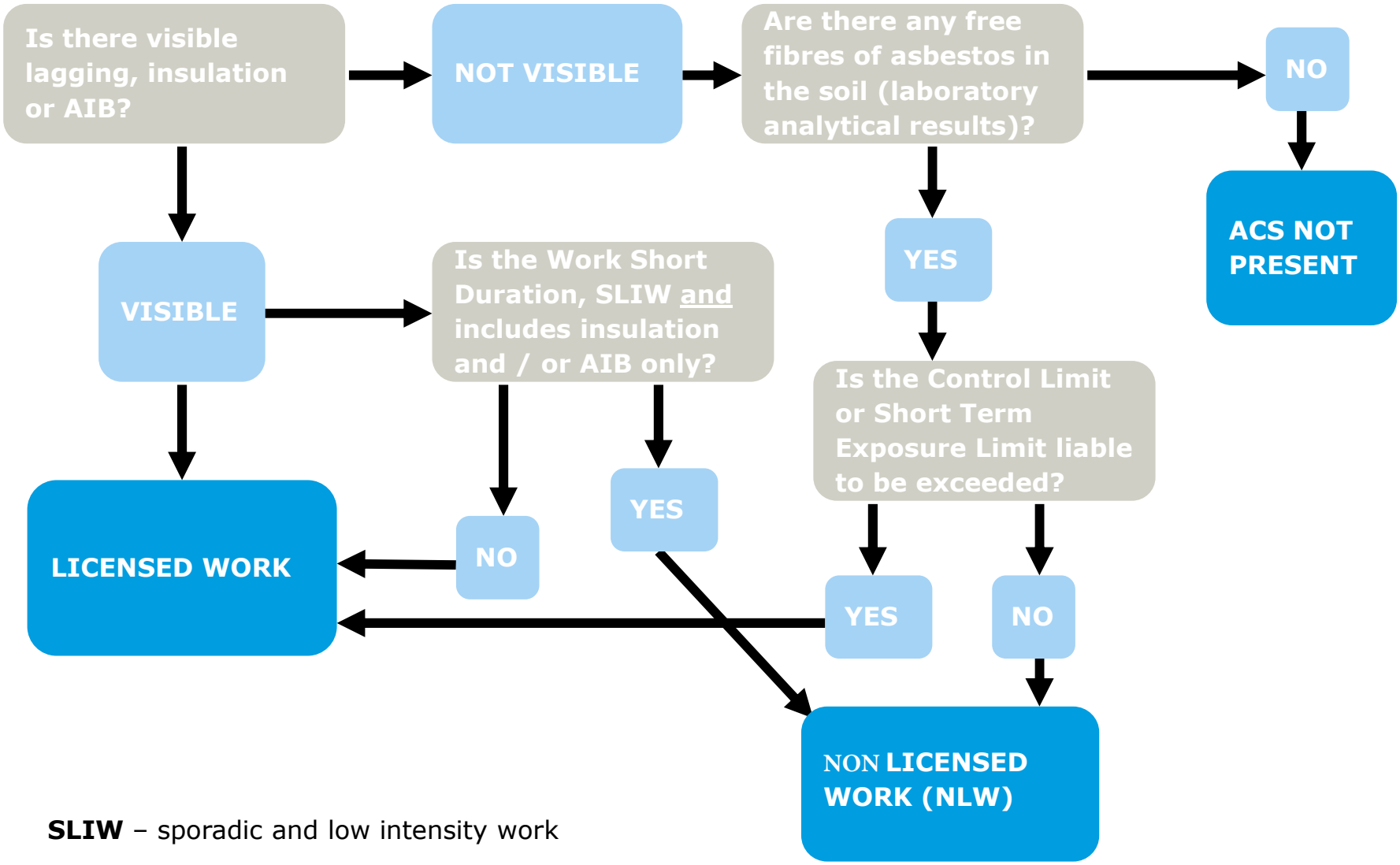
APPENDICES

APPENDIX A:

CONTRACTOR CONSTRUCTION PHASE 5 SAFE SYSTEM OF WORK METHOD STATEMENTS [APPENDED UPON RECIEPT]

APPENDIX B: FLOW CHART TO ASSESS LICENSABLE OR NON LICENSABLE WORK

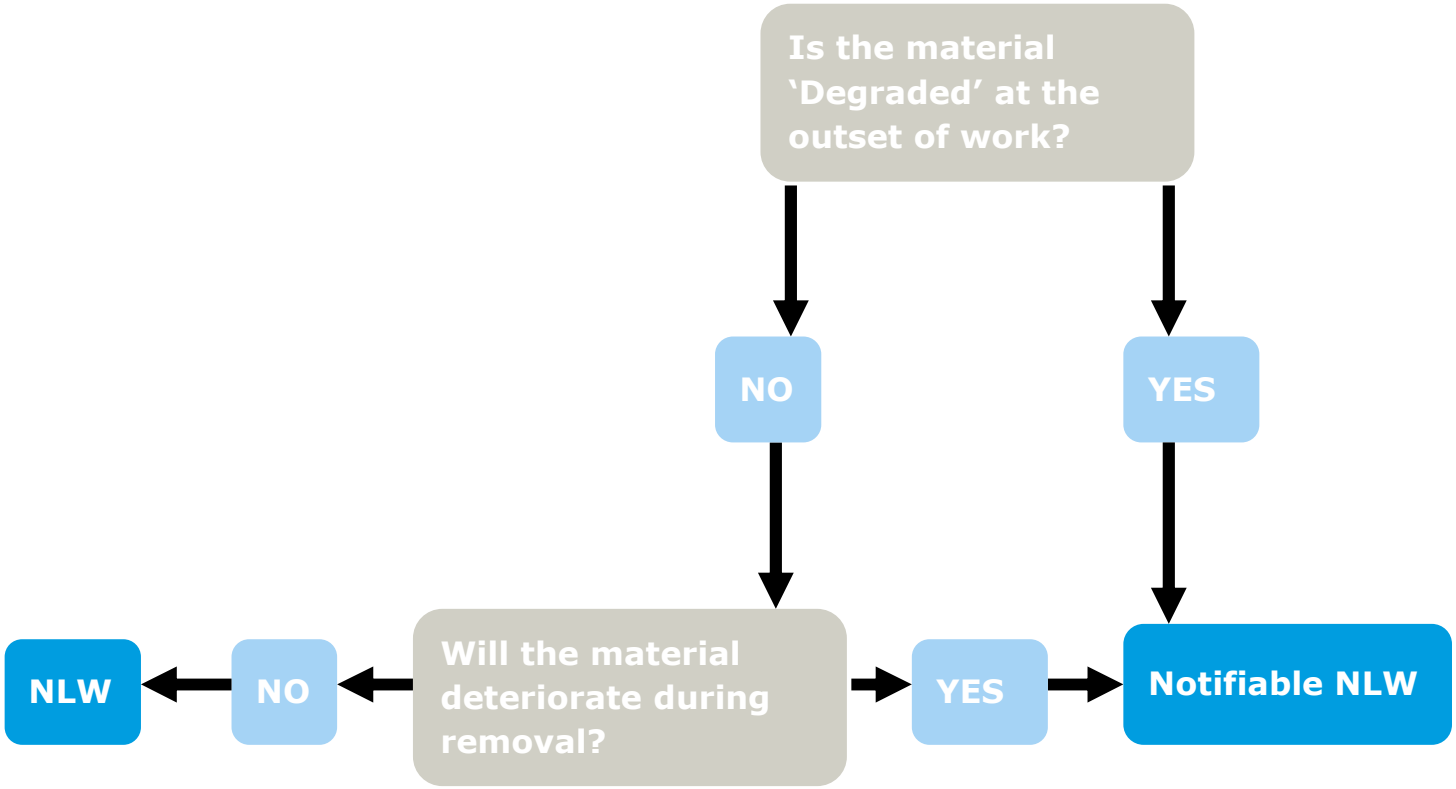
LICENSED VS UNLICENSED



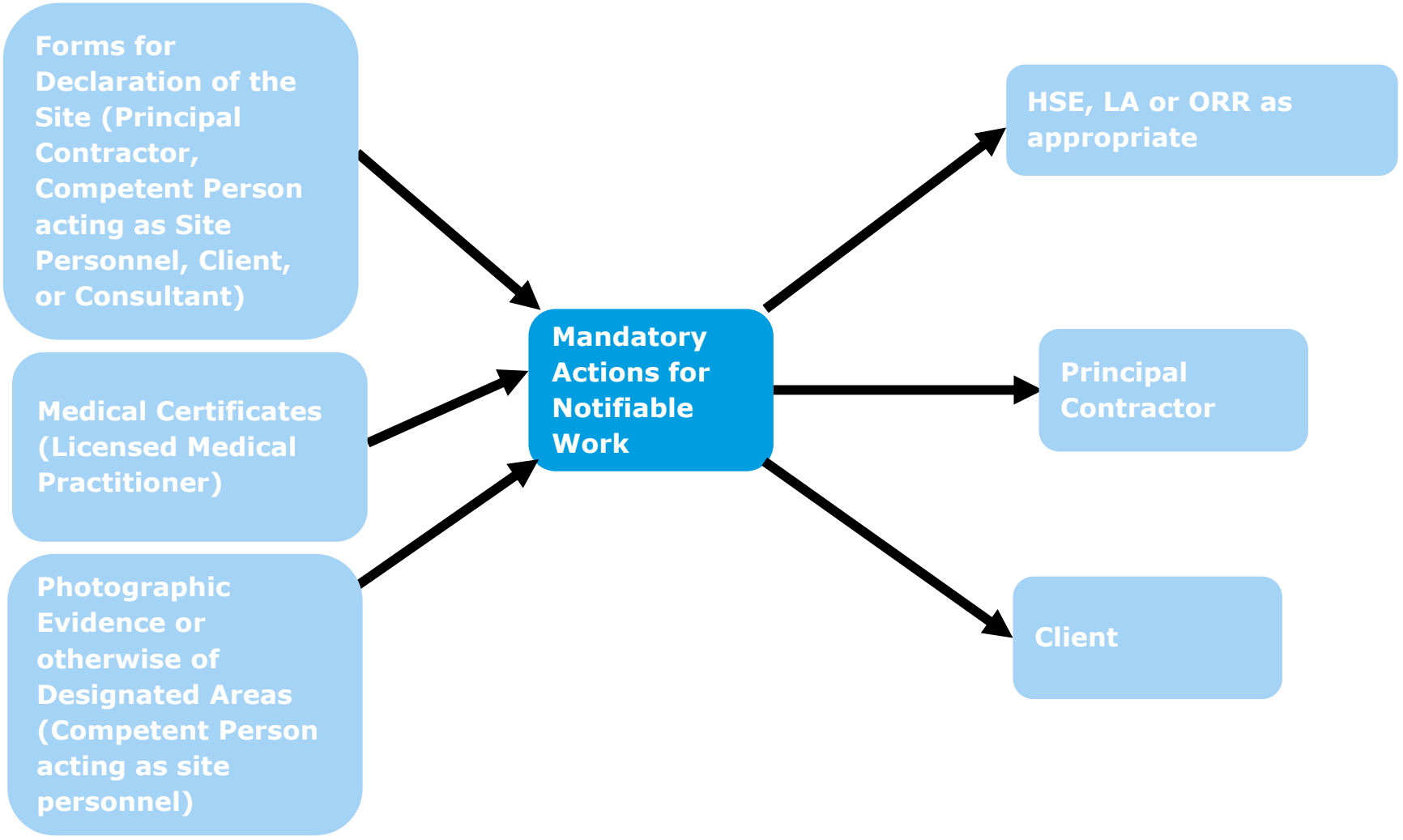
SLIW – sporadic and low intensity work

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UNLICENSED WORK (NLW) VS. NOTIFIABLE UNCLICENCSED WORK (NNLW)



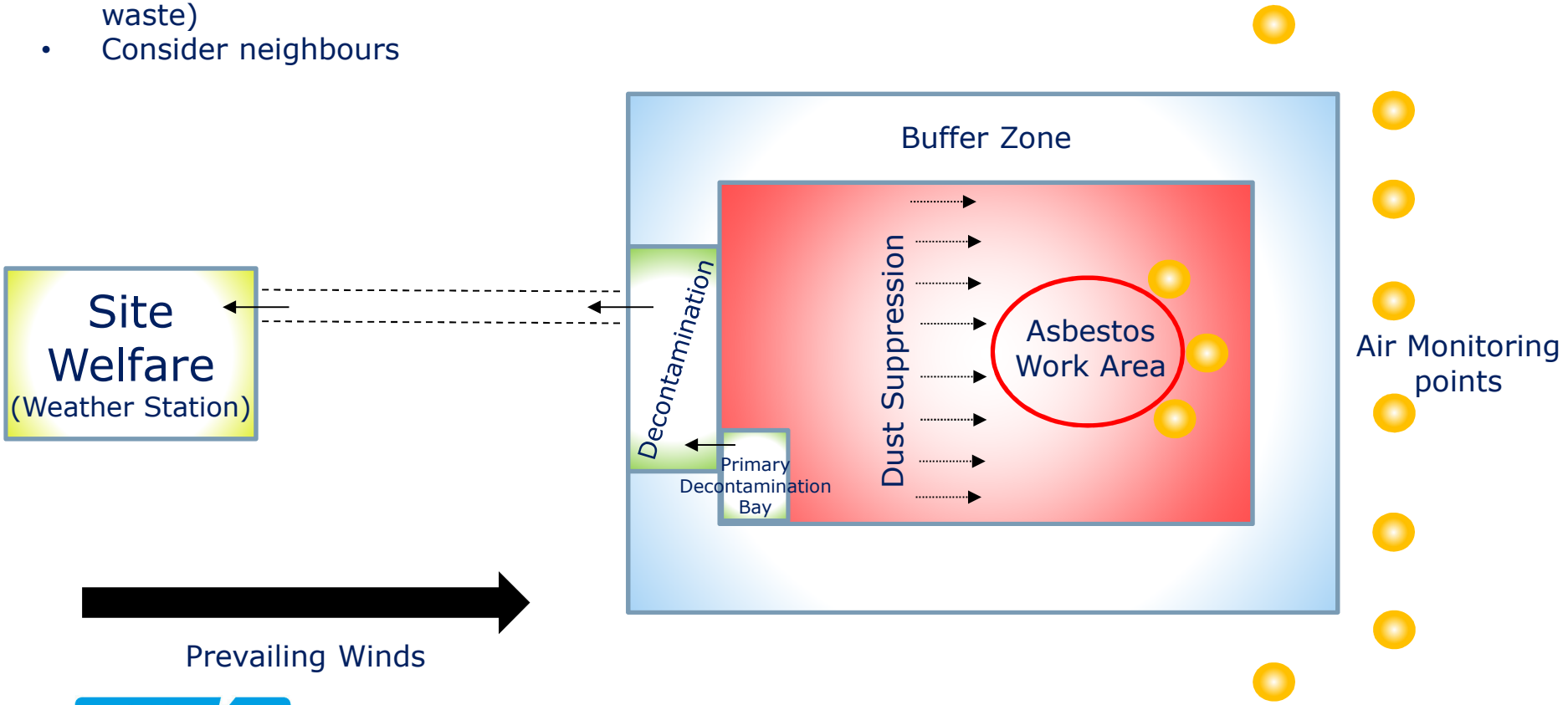
MANDATORY ACTIONS FOR NOTIFIABLE SITE PASSAGE OF INFORMATION



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BEST PRACTICE
SITE LAYOUT AND CONTROL MEASURES

- Prevailing wind direction (Westerly)
- Welfare set-up
- Fence off asbestos impacted areas
- Allow for 'buffer zone' if possible
- Consider traffic management (esp. waste)
- Consider neighbours



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APPENDIX C -ASBESTOS PLAN OF WORKS SCHEMATIC

Scope of Works
Delineation of asbestos impacted area (1 day).
Obstruction clearance works within exclusion zone, and removal of this material to onsite earthworks facility.
Creation of clean service corridors approx. 2m wide and 2m deep.

All works shall be undertaken in accordance with Ramboll Asbestos Management Plan (2016).

Areas of Responsibilities

Overall Site Management	– **Berkeley**
Watching Brief Role	– **Ramboll**.
Plant Operations	– **Woodridge**
Dust Suppression (directed by Ramboll)	– **Wooldridge**
Air Monitoring (directed by Ramboll)	– **Lucion**

Sequence of Work
Day 1 - Pre start background air monitoring
- Placement of decontamination equipment
- Delineation trial pitting exercise.

Day 2+ Obstruction clearance works & creating clean corridor.

End - Remove all equipment & waste. End of programme air monitoring.

Specific Working Area
Hard barriers will demark the site wide working area.
Additional hard barriers will demark decontamination areas.

Specific Site Set-up Requirements
Self-contained DCU to be positioned close the active working area in designated decontamination area.

Air Monitoring Requirements
Background
Operational
Personal

Site Address:
Green Park Village, Phase 5, off Longwater Avenue, Reading. RG30 3RU

Aerial View of site - before clearance works showing approximate working area.
For operational areas including exclusion zone see Ramboll Drawing: Earthworks Pan 01



Working Exclusion Zone for Controlled Works (Provisional)
Within the Asbestos Removal Zone – Full PPE/RPE is **required at all times**, i.e. overalls and respirator.

Within Decontamination Area – Full PPE/RPE required while undertaking any actives. i.e. changing waste bags/ decontaminating plant.

Your mask is always worn first and removed last.

Client Contact Details:
ANDREW WEST Senior technical Manger, Berkeley Homes
07590 672 701

Principal Designer Details
To be confirmed by Berkeley Homes

Principal Contractor Details
To be confirmed by Berkeley Homes

Programme of Works Dates
16th – 31the August 2016

Working Hours
08:00 – 17:00

Working Hours
To be confirmed by Berkeley Homes

Access Arrangements
To be arranged by Berkeley Homes

Fire Risk Precautions
Suitable & sufficient firefighting equipment to be supplied around the site by Berkeley Homes, including first aid box within **both** *dirty* and *clean* end of decontamination area.
Emergency muster points and procedures to be communicated during site induction.

RPE & PPE Requirements
Full and up to date details contained with Ramboll Asbestos Management Plan (AMP) Hard copy to be maintained on site at all times.

Requirements include:
- Washable safety boots or a dedicated pair of safety boots for the 'dirty' side of the decontamination unit;
- Disposable gloves and overalls (Type 5,6 Tyvek disposable overalls); and
- Face Fitted Respirators EN140 with P3 filter, semi-disposable respirators – EN405 with P3 filter.

Welfare Facilities
Located within Phase 7 area to the west of Phase 5.

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: 0 3 0 0

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Title: Asbestos Management Plan: Plan of Works Schematic	Scale:	Date: 10/08/2016	Drawn: CD	Checked: PS
	Figure No: 001			Rev:

Outline Method of Works

Site works to be undertaken in accordance with Ramboll Drawing: Earthworks Plan 01

Outline method comprising:

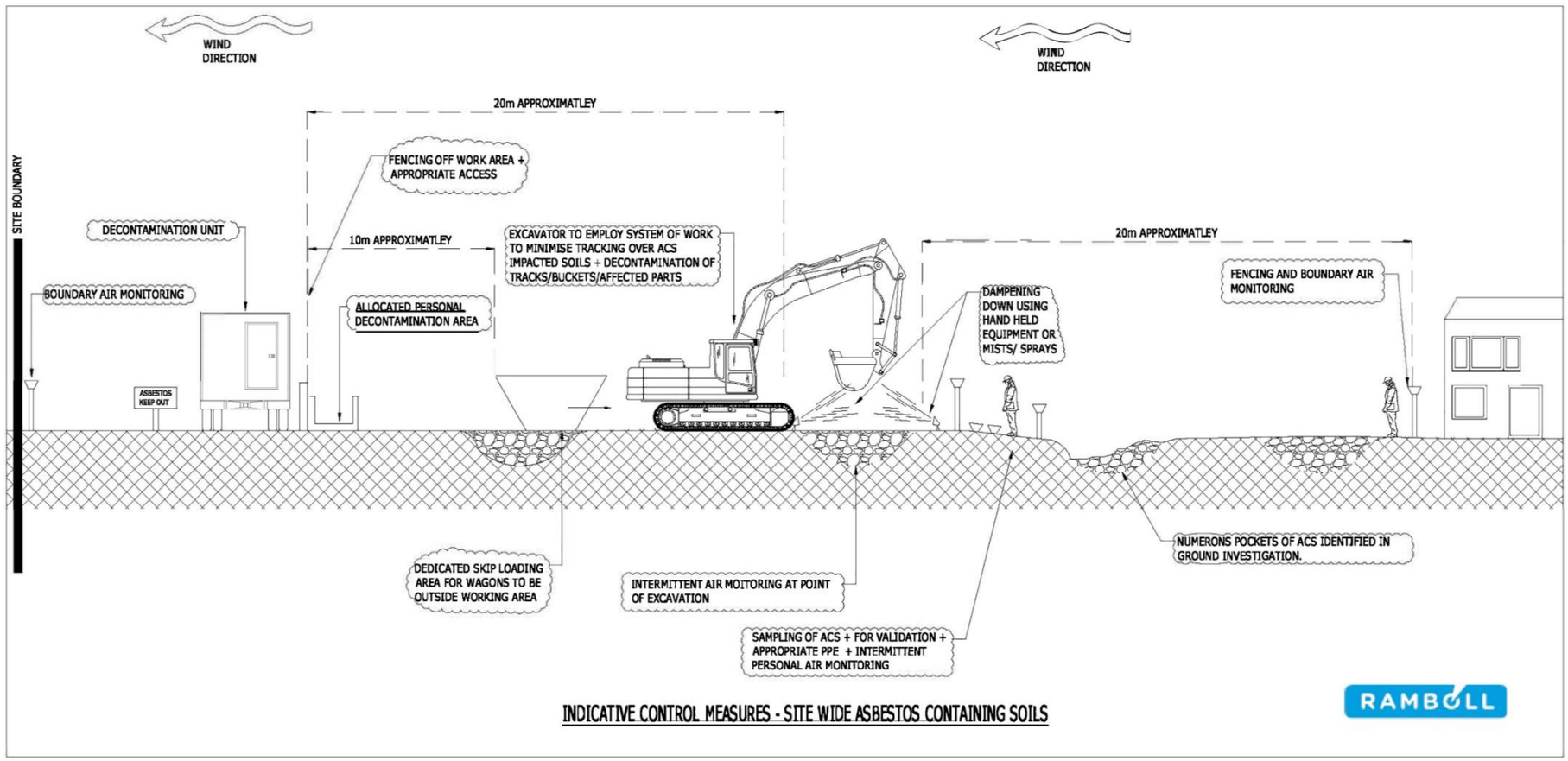
- Shallow trial pitting with tracked 360 excavator and Watching Brief .
- Obstruction Removal with upto 2No. Tracked 360 excavators digging into Made Ground Soils (approx. 1.5mbgl).
- Localised excavation / profiling to create 2m wide clean corridors down to natural soils
- Limited surface handpicking of ACM is considered necessary by Ramboll

Formation Of Working Area.
The site works shall comprise the formation of a two distinct areas; The **WORK AREA** and an **EXCLUSION ZONE.**

The **EXCLUSION ZONE** shall be established by the use of physical barrier positioned around the access point to the work area. This area will form the **DECONTAMINATION AREA** and house the DCU, boot wash and wheel wash facilities. In this area operatives change will change into or out of white work overalls and where necessary carryout the clear bagging of asbestos wastes.
When undertaking wheel washing or boot washing etc white overalls and specified RPE are to be worn.

The **WORK AREA** is a respirator zone at all times, for all operatives. Where necessary where asbestos removal and bagging in red bags is to be undertaken in this area only. All access points are to be controlled and for access on foot limited to one way in and out of the work area, i.e. in and out of the DCU. Warning signs are to be attached to the barriers warning of the exclusion zone.

Indicative Control Measures – Schematic View



Control Measures – to be in accordance with Ramboll AMP at all times

Watching Brief - Trained and competent person to assess contaminated soils during the excavation process.

Air Monitoring - to provide quantitative data with respect to fibre suppression mitigation measures. To include boundary, operational and personal air monitoring.

Controlled Earthworks - Impacted area fenced off, signage provided.

Dust Suppression - Dust suppression will be required in all areas where Made Ground soils are disturbed. Dust suppression shall as a minimum comprise jet-washers with bowsers in each of the areas in which Ramboll personnel are working.

Movement of impacted soils [If required] – further controls required, See AMP for revisions.

Movement of Non-Impacted Materials [e.g. concrete obstructions for crushing] - Adherence to MMP for all material movements. Inspection of stockpiles prior to movement by Watching Brief for the presence of visible asbestos.

PPE/RPE - Use appropriate PPE at all times:

- Washable safety boots or a dedicated pair of safety boots for the 'dirty' side of the decontamination unit;
- Disposable gloves and Category 3 Type 5/6 Tyvek disposable hooded overalls;
- Face Fitted Respirators EN140 with P3 filter, semi-disposable respirators – EN405 with P3 filter.

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Title: Asbestos Management Plan: Plan of Works Schematic	Scale:	□ate: □0/0□/□0□□ / Drawn: CD	Checked: PS
	Figure No: 001		Rev:

Pre-Start Check List:

Does the Plan of Works reflect current site conditions or are amendments required?

☐ Yes ☐ No

Have you briefed all site personnel on the contents of this plan of Works, and the Ramboll Asbestos Management Plan?

☐ Yes ☐ No

Are any additional permits required:

☐ Yes ☐ No

Please Detail _____

Has the DCU been set up and tested?

☐ Yes ☐ No

Have all site personnel inspected and tested their PPE?

☐ Yes ☐ No

Have the working areas been formed in accordance with this working plan?

☐ Yes ☐ No

Has all site documentation been completed prior to commencement of site works?

☐ Yes ☐ No

This Plan of Works must be read and applied in accordance with any HSE Notifications (if applicable), the Ramboll Asbestos Management Plan and the Wooldridge Site Specific Risk Assessment and Method Statements.

□confirm □□ave read and understood t□is Plan of □ orks			
Name	Company & Role	Date	Sign

Amendments to this Plan of Works may ONLY be made by Ramboll personnel following approval from Ramboll Site Solutions Director – Phil Studds (Phil.Studds@Ramboll.co.uk / 07931 709943)

All changes must be communicated to site personnel by delivery of a tool box talk.

Ramboll Emergency Contact □etails			
Role	Name	Telephone No.	Times on Site.
Ramboll Asbestos Site Works Co-Ordinator/Watching Brief	Chris Dawson	07870 810911	At all times (unless delegated to approved persons)
Environmental Project Manager	Tom Smith	07918 678240	Pre-commencement / start of work
Ramboll Site Solutions Director	Phil Studds	07931 709943	Office based / audit / on call advice
Ramboll HSE Manager	Rod Pirie	07834 101118	Office based

Waste Disposal Arrangements

Waste to placed in red bags, sealed and placed in white bags and further sealed before placed in lockable asbestos waste skip.

Waste to include - any handpicked ACM, used PPE/RPE etc.

Bulk asbestos impacted soil to be address under separate cover if required.

Waste Carrier

XXXX

Waste Receiver

XXXXX

Prepared by: Chris Dawson Consultant



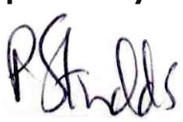
10/08/2016

Reviewed by: Phil Studds Director



10/08/2016

Approved by: Phil Studds Director



10/08/2016

Revision History		
Revision	Date	Sign
-	10/08/16	

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Title: Asbestos Management Plan: Plan of Works Schematic	Scale:	Date: 10/08/2016	Drawn: CD	Checked: PS
	Figure No: 001			Rev:

APPENDIX C

Glanville Drawings, Phase 5 contaminated ground formation level contours

WOOLDRIDGE

ALL SITE CONTROLS TO BE ESTABLISHED BY GLANVILLE CONSULTANTS PRIOR TO ANY SETTING OUT WORK.

N

GENERAL NOTES

1. THIS DRAWING MUST NOT BE SCALED OFF, WORK TO FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.
3. ALL SETTING OUT SHOULD BE CHECKED VISUALLY ON SITE AND ANY ANOMALIES REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

KEY

PHASE 5 BOUNDARY

PROPOSED SITE LAYOUT

E 469946.532
N 170395.308
SETTING OUT COORDINATE

ecological corridor

SETTING OUT TO WATER EDGE APARTMENTS IN ABEYANCE

Gabion Retaining Wall

reinforced grass verge access - level ramps down to existing

Waters Edge Apartments

Parkside Apartments

Parkside View

North Cresent

E 469923.870
N 170394.237

E 469930.968
N 170397.256

E 469945.475
N 170392.685

E 469934.837
N 170388.160

E 469927.739
N 170385.141

E 469926.290
N 170384.524

E 469936.946
N 170376.717

E 469930.735
N 170374.075

E 469938.812
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E 469942.293
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E 469951.389
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N 170364.417

E 469870.041
N 170361.690

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N 170361.445

E 469870.618
N 170359.241

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E 469871.536
N 170350.856

E 469873.052
N 170348.582

E 469860.538
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N 170331.300

E 469951.355
N 170327.732



KEY PLAN

Scale 1:2500

Rev.	Description	Date	Chkd
C1	FIRST ISSUE	SB 22.02.17	

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3 Grovelands Business Centre
Boundary Way
Hemel Hempstead, Herts. HP2 7TE
Tel: (01442) 835999 Fax: (01442) 258924
postbox@glanvillegroup.com www.glanvillegroup.com

Client : St Edward
Designed for life

Project :
GREEN PARK VILLAGE
READING

Title :
PHASE 5
BUILDING SETTING OUT
Sheet 1 of 2

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Feb 2017
Status :	CONSTRUCTION		

Drawing No. 4160518-110 Rev C1

GENERAL NOTES

1. THIS DRAWING MUST NOT BE SCALED OFF, WORK TO FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.
3. ALL SETTING OUT SHOULD BE CHECKED VISUALLY ON SITE AND ANY ANOMALIES REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

KEY

PHASE 5 BOUNDARY

PROPOSED SITE LAYOUT

E 469946.532 N 170395.308 SETTING OUT COORDINATE

Park Lane

Lakeside Crescent

The Mews

top of bank



KEY PLAN

Scale 1:2500

ALL SITE CONTROLS TO BE ESTABLISHED BY GLANVILLE CONSULTANTS PRIOR TO ANY SETTING OUT WORK.

Rev.	Description	Date	Chkd
C1	FIRST ISSUE	SB 22.02.17	

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Boundary Way
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Client : St Edward Designed for life

Project : GREEN PARK VILLAGE READING

Title : PHASE 5 BUILDING SETTING OUT Sheet 2 of 2

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Feb 2017
Status :	CONSTRUCTION		

Drawing No. 4160518-111 Rev C1

DRAWING TRANSMITTAL SHEET

Glanville

□ob No: □□□0□□□

S□eet No: C_001 **Pro□ect:** **Green Park □illage□Reading P□.□**

Drawing Number	Title	Size	Revision																
SK100	Indicative Sections at Northern Ditch	A1				P1													
SK101	Ph.4 Typical Ditch/Garden Fence Sections	A1				P1													
SK1000	Existing Survey Levels	A1	-	P1															
SK1100	Proposed Finished Levels Sheet 1of2	A1	-	P1															
SK1101	Proposed Finished Levels Sheet 2of2	A1	-	P1															
SK1200	Proposed Drainage Layout Sheet 1of2	A1	-	P1	C1														
SK1201	Proposed Drainage Layout Sheet 2of2	A1	-	P1	C1														
SK1202	Proposed Contours Sheet 1of2	A1			C1		C2												
SK1203	Proposed Contours Sheet 2of2	A1			C1		C2												
SK1204	Proposed Contaminated Ground Contours Sjeet	A1			P1		C3												
SK1205	Proposed Contaminated Ground Contours Shee	A1			P1		C3												
SK1206	Proposed Sections Sheet 1of2	A1			P1														
SK1207	Proposed Sections Sheet 2of2	A1			P1														
SK1210	Drainage Construction Details	A1			P1														
	Date of Issue	D	05	11	11	22	21												
		M	08	08	08	08	09												
Distribution		Y	16	16	16	16	16												
Client	St. Edward, Berkeley Group - A.West		/	/	/	/	/												
Architect	Broadway Malyan - J. Cook																		
□S																			
Landscape Arch	Fabrik - J.Renton																		
Local Authority	Reading Council - A.Amoah, D.Cook																		
	Sharepoint -																		
Issue Form			E	E	E	E	E												
Status			P	P	C	P	P												

□A3 copy

Issue Form **P** = Prints □ = Floppy Disc **N** = Negative **C**□ = Compact Disc **E** = E-Mail
Status **P** = Preliminary **A** = Approval □ = Tender **C** = Construction **R** = Record

GENERAL NOTES

1. THIS DRAWING MUST NOT BE SCALED OFF, WORK TO FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.

KEY

- 39.550 — PROPOSED CONTOURS
- PROPOSED FILL LEVEL TO 39.600
- PROPOSED FILL LEVEL TO 37.400

N
W E
S

E 469825.683 N 170374.362
E 469824.094 N 170371.584
E 469840.601 N 170365.828
E 469838.122 N 170363.559
E 469844.983 N 170348.632
E 469848.055 N 170349.612
E 469846.735 N 170339.362
E 469849.908 N 170339.802
E 469848.073 N 170324.268
E 469851.300 N 170324.096
E 469846.110 N 170314.295
E 469849.294 N 170313.902



KEY PLAN
Scale 1:2500

FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C2	CONTOURS ADJUSTED TO THE EASTERN EDGE OF PHASE	KJ 21.09.16	-
C1	CONSTRUCTION ISSUE	SB 10.08.16	KJ

Glanville
3 Grovelands Business Centre
Boundary Way
Hemel Hempstead, Herts. HP2 7TE
Tel: (01442) 835999 Fax: (01442) 258924
postbox@glanvillegroup.com www.glanvillegroup.com

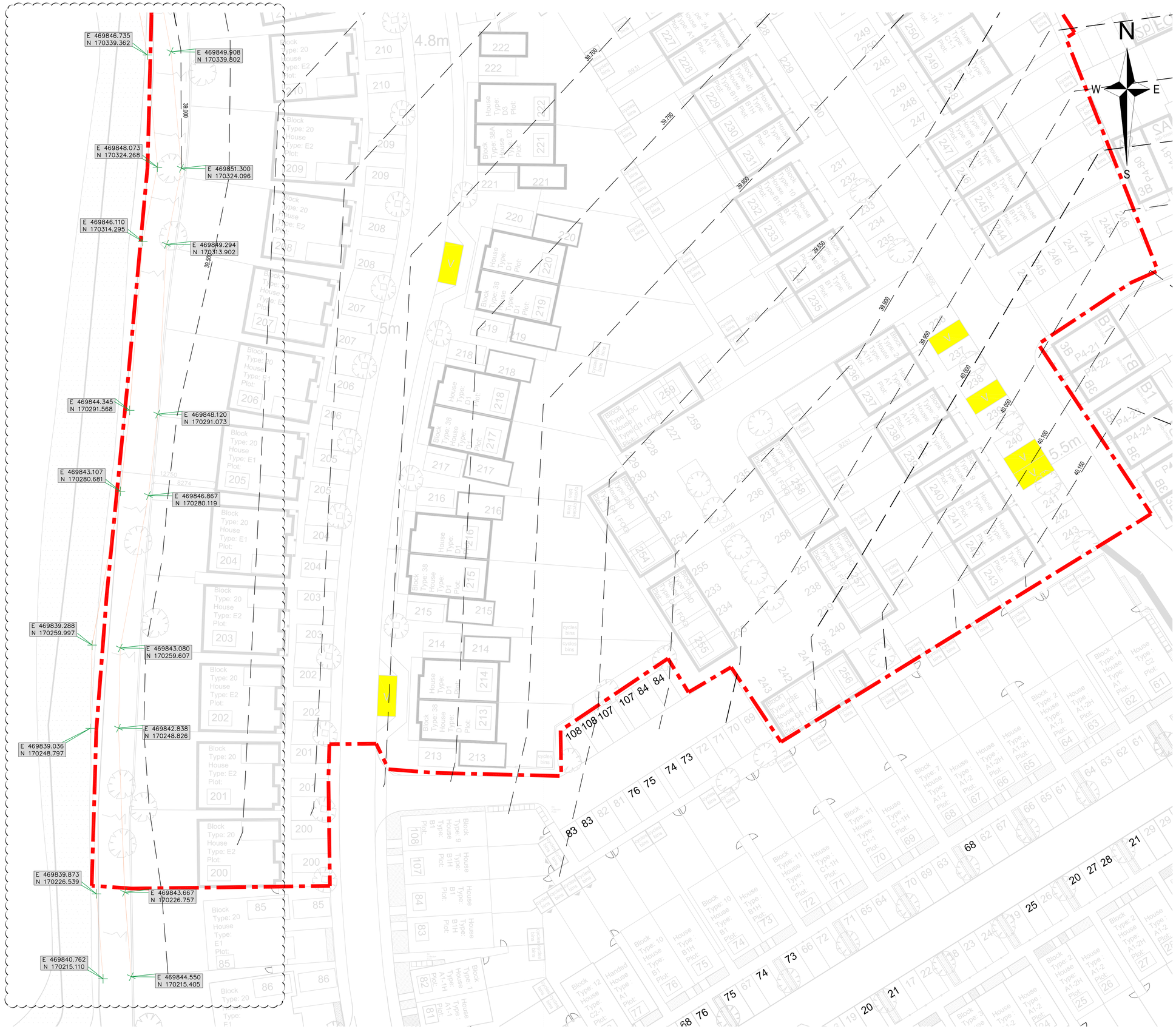
Client : St Edward Designed for life

Project :
GREEN PARK VILLAGE
READING

Title :
PHASE 5
PROPOSED CONTOURS
Sheet 1 of 2

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Aug. 2016
Status :	CONSTRUCTION		

Drawing No. 4160518-SK1202 Rev C2



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1. THIS DRAWING MUST NOT BE SCALED OFF, WORK TO FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.

KEY

39.550 PROPOSED CONTOURS

PROPOSED FILL LEVEL TO 39.600

PROPOSED FILL LEVEL TO 37.400



KEY PLAN
Scale 1:2500

FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C2	CONTOURS ADJUSTED TO THE EASTERN EDGE OF PHASE	KJ 21.09.16	-
C1	CONSTRUCTION ISSUE	SB 10.08.16	KJ

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3 Grovelands Business Centre
Boundary Way
Hemel Hempstead, Herts. HP2 7TE
Tel: (01442) 835999 Fax: (01442) 258924
postbox@glanvillegroup.com www.glanvillegroup.com

Client : St Edward Designed for life

Project :
GREEN PARK VILLAGE
READING

Title :
PHASE 5
PROPOSED CONTOURS
Sheet 2 of 2

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Aug. 2016
Status :	CONSTRUCTION		

Drawing No. 4160518-SK1203 Rev C2

GENERAL NOTES

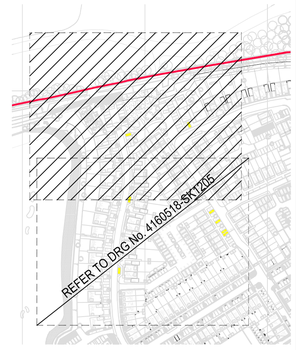
1. THIS DRAWING MUST NOT BE SCALED OFF, WORK TO FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.
3. THE SEWER TRENCH EXTENTS ARE BASED ON RAMBOLL 'FIGURE 4 PHASE 5 EARTHWORKS PLAN' RECEIVED BY E-MAIL ON 8/8/2016. RAMBOLL TO CONFIRM THAT THE EXTENT OF TRENCHES ARE SUFFICIENT TO ALLOW FOR DRAINAGE TRENCH EXCAVATIONS IN UNCONTAMINATED MATERIAL AFTER COMPLETION OF THE FILLING WORKS.

KEY

- 39.550 — PROPOSED CONTOURS
- PROPOSED FILL LEVEL TO 38.100
- PROPOSED FILL LEVEL TO 37.400
- 2m WIDE SEWER TRENCH, BASE LEVEL AS NOTED
- PHASE 5 BOUNDARY
- ASBESTOS FILL BOUNDARY

E 469825.683 N 170374.362
E 469824.094 N 170371.584
E 469840.601 N 170365.828
E 469838.122 N 170363.559
E 469881.688 N 170356.767
E 469883.655 N 170357.132
E 469846.299 N 170352.654
E 469844.983 N 170348.632
E 469846.996 N 170344.446
E 469846.735 N 170339.362
E 469847.925 N 170339.527
E 469885.712 N 170335.086
E 469887.739 N 170335.123
E 469848.073 N 170324.268
E 469849.283 N 170324.203
E 469846.110 N 170314.295
E 469847.304 N 170314.148

BASE LEVEL 37.250m



KEY PLAN
Scale 1:2500

FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C3	ASBESTOS LEVEL RAISED BY 0.5m, EAST CONTOURS REVISED	KJ 21.09.16	-
C2	SEWER TRENCH COORDINATES ADDED AS REQUESTED	LF 11.08.16	KJ
C1	CONSTRUCTION ISSUE	SB 10.08.16	KJ

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Hemel Hempstead, Herts. HP2 7TE
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postbox@glanvillegroup.com www.glanvillegroup.com

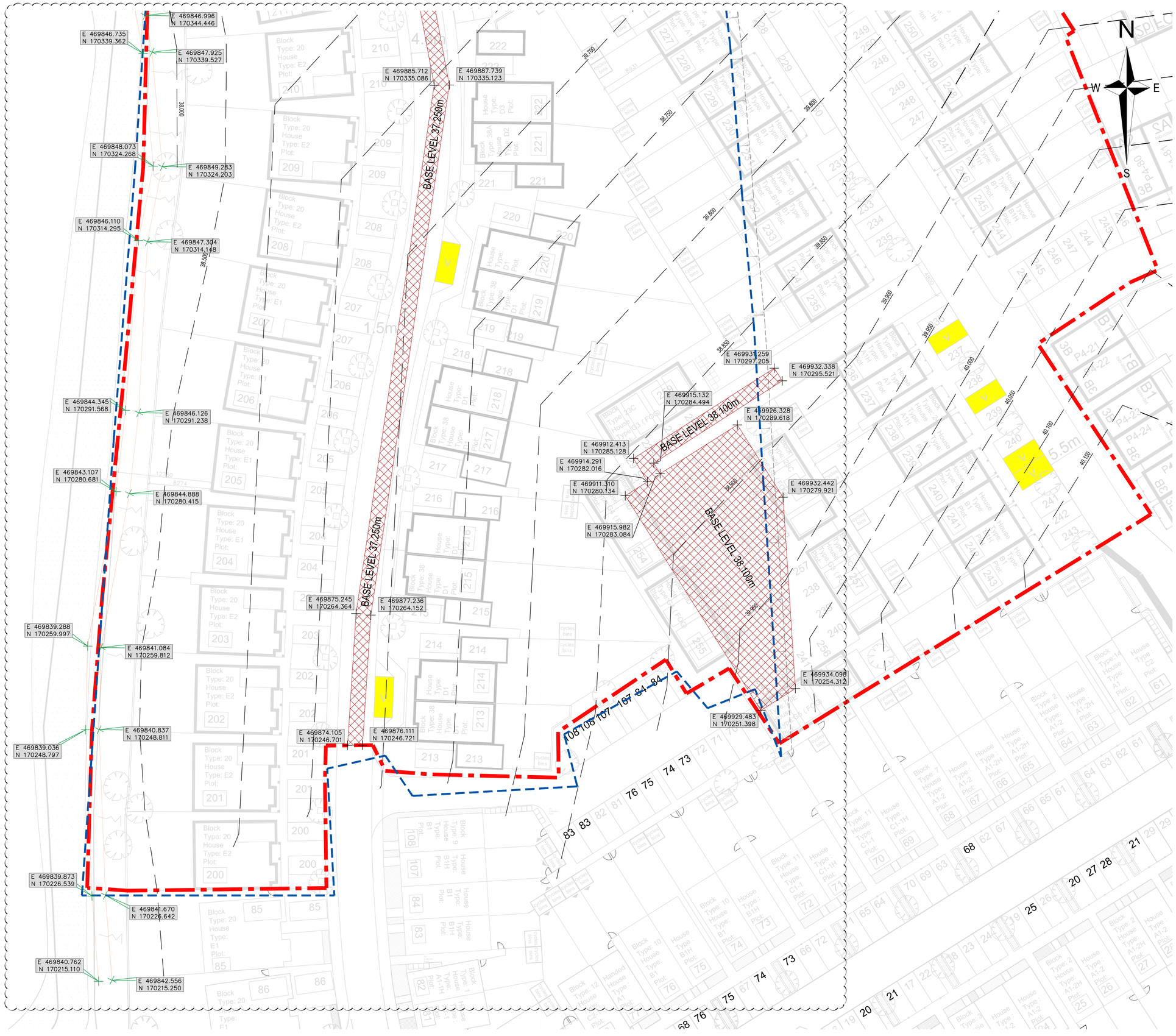
Client : St Edward Designed for life

Project : GREEN PARK VILLAGE READING

Title : PHASE 5 PROPOSED CONTAMINATED GROUND CONTOURS Sheet 1 of 2

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Aug. 2016
Status :	CONSTRUCTION		

Drawing No. 4160518-SK1204 Rev C3



GENERAL NOTES

1. THIS DRAWING MUST NOT BE SCALED OFF, WORK TO FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.
3. THE SEWER TRENCH EXTENTS ARE BASED ON RAMBOLL 'FIGURE 4 PHASE 5 EARTHWORKS PLAN' RECEIVED BY E-MAIL ON 8/8/2016. RAMBOLL TO CONFIRM THAT THE EXTENT OF TRENCHES ARE SUFFICIENT TO ALLOW FOR DRAINAGE TRENCH EXCAVATIONS IN UNCONTAMINATED MATERIAL AFTER COMPLETION OF THE FILLING WORKS.

KEY

- 39.550 — PROPOSED CONTOURS
- PROPOSED FILL LEVEL TO 38.100
- PROPOSED FILL LEVEL TO 37.400
- 2m WIDE SEWER TRENCH, BASE LEVEL AS NOTED
- PHASE 5 BOUNDARY
- ASBESTOS FILL BOUNDARY



KEY PLAN

Scale 1:2500

FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C3	ASBESTOS LEVEL RAISED BY 0.5m, EAST CONTOURS REVISED	KJ 21.09.16	-
C2	SEWER TRENCH COORDINATES ADDED AS REQUESTED	LF 11.08.16	KJ
C1	CONSTRUCTION ISSUE	SB 10.08.16	KJ

Glanville
3 Grovelands Business Centre
Boundary Way
Hemel Hempstead, Herts. HP2 7TE
Tel: (01442) 835999 Fax: (01442) 258924
postbox@glanvillegroup.com www.glanvillegroup.com

Client : St Edward Designed for life

Project :

GREEN PARK VILLAGE
READING

Title :

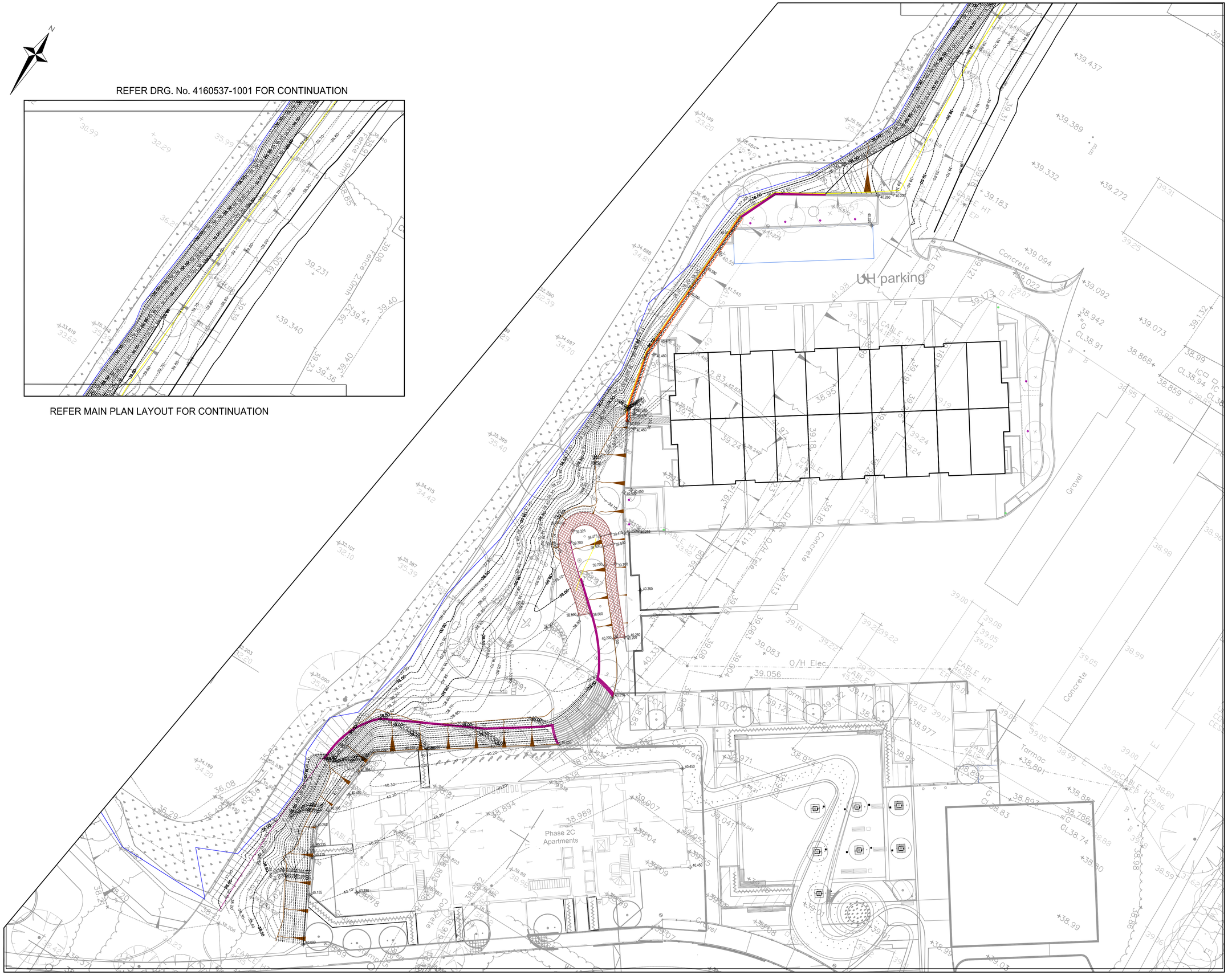
PHASE 5
PROPOSED CONTAMINATED GROUND CONTOURS Sheet 2 of 2

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Aug. 2016
Status :	CONSTRUCTION		

Drawing No. 4160518-SK1205 Rev C3

REFER DRG. No. 4160537-1001 FOR CONTINUATION

REFER MAIN PLAN LAYOUT FOR CONTINUATION



GENERAL NOTES

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2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS & SPECIFICATIONS.
3. THE WATER LEVEL IN THE LAKE ON THE DATE OF THE UPDATED TOPO SURVEY (27/05/2016) WAS 37.71m AOD.

LEGEND

- EXISTING TOPO SURVEY
- UPDATED TOPO SURVEY (27/06/2016)
- 37.8m WATER LEVEL EXTENTS (Plan Area 4.075Ha)
- 37.2m WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED CONTIG PILED WALL

FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C2	CONTOURS EXTENDED TO REAR OF PHASE 5 HOUSES	KJ 31.01.17	
C1	FIRST ISSUE	KJ 27.01.17	

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postbox@glanvillegroup.com www.glanvillegroup.com

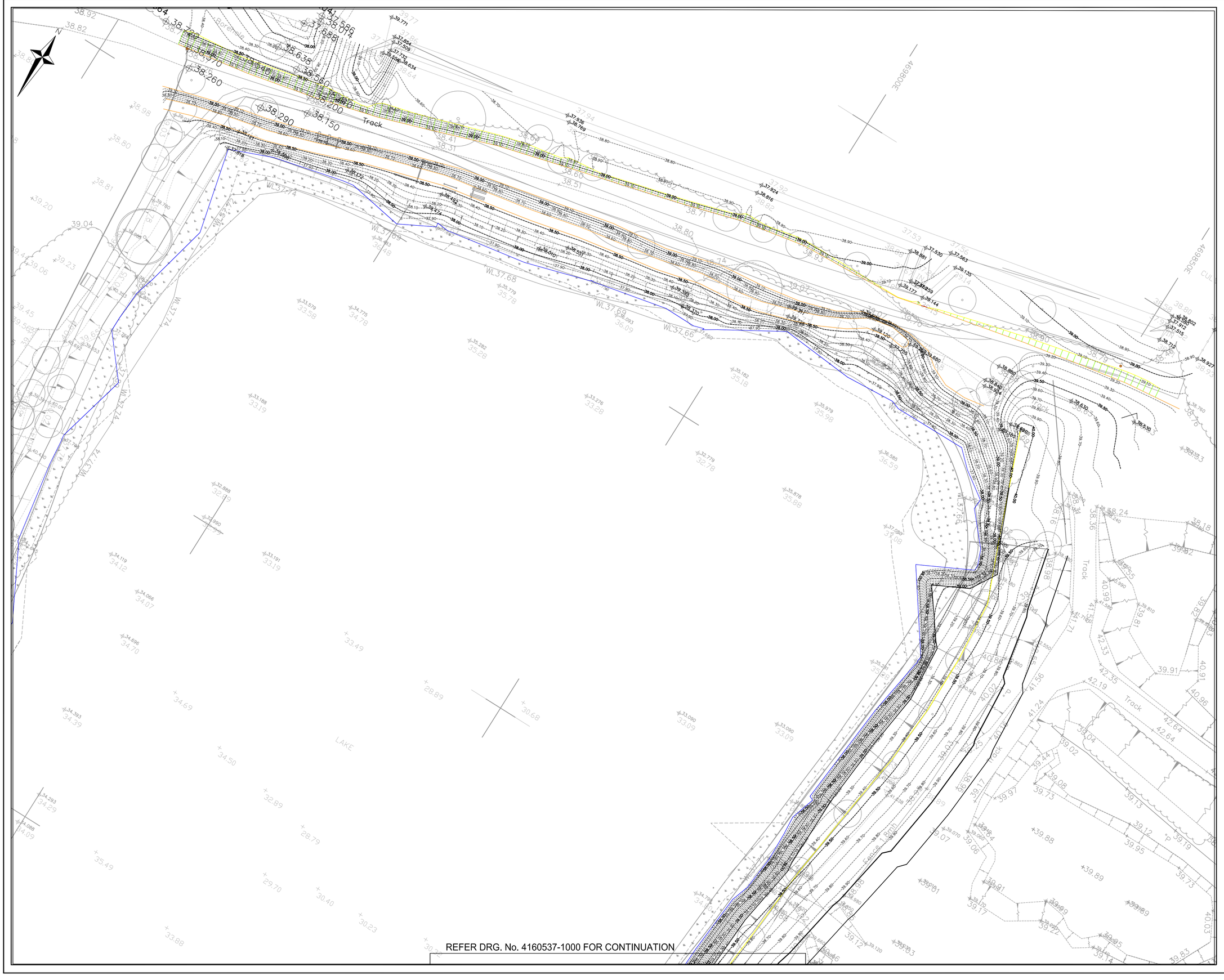
Client : St Edward Designed for life

Project : GREEN PARK VILLAGE READING

Title : LAKE WORKS NORTH, SOUTH AND EAST LAKE CONTOUR PLAN

Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Jan 2017
Status :	CONSTRUCTION		

Drawing No. 4160537-1000 Rev C2



GENERAL NOTES

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3. THE WATER LEVEL IN THE LAKE ON THE DATE OF THE UPDATED TOPO SURVEY (27/05/2016) WAS 37.71m AOD.

LEGEND

- EXISTING TOPO SURVEY
- UPDATED TOPO SURVEY (27/06/2016)
- 37.8m WATER LEVEL EXTENTS (Plan Area 4.075Ha)
- 37.2m WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED CONTIG PILED WALL

FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C2	CONTOURS EXTENDED TO REAR OF PHASE 5 HOUSES	KJ 31.01.17	
C1	FIRST ISSUE	KJ 27.01.17	

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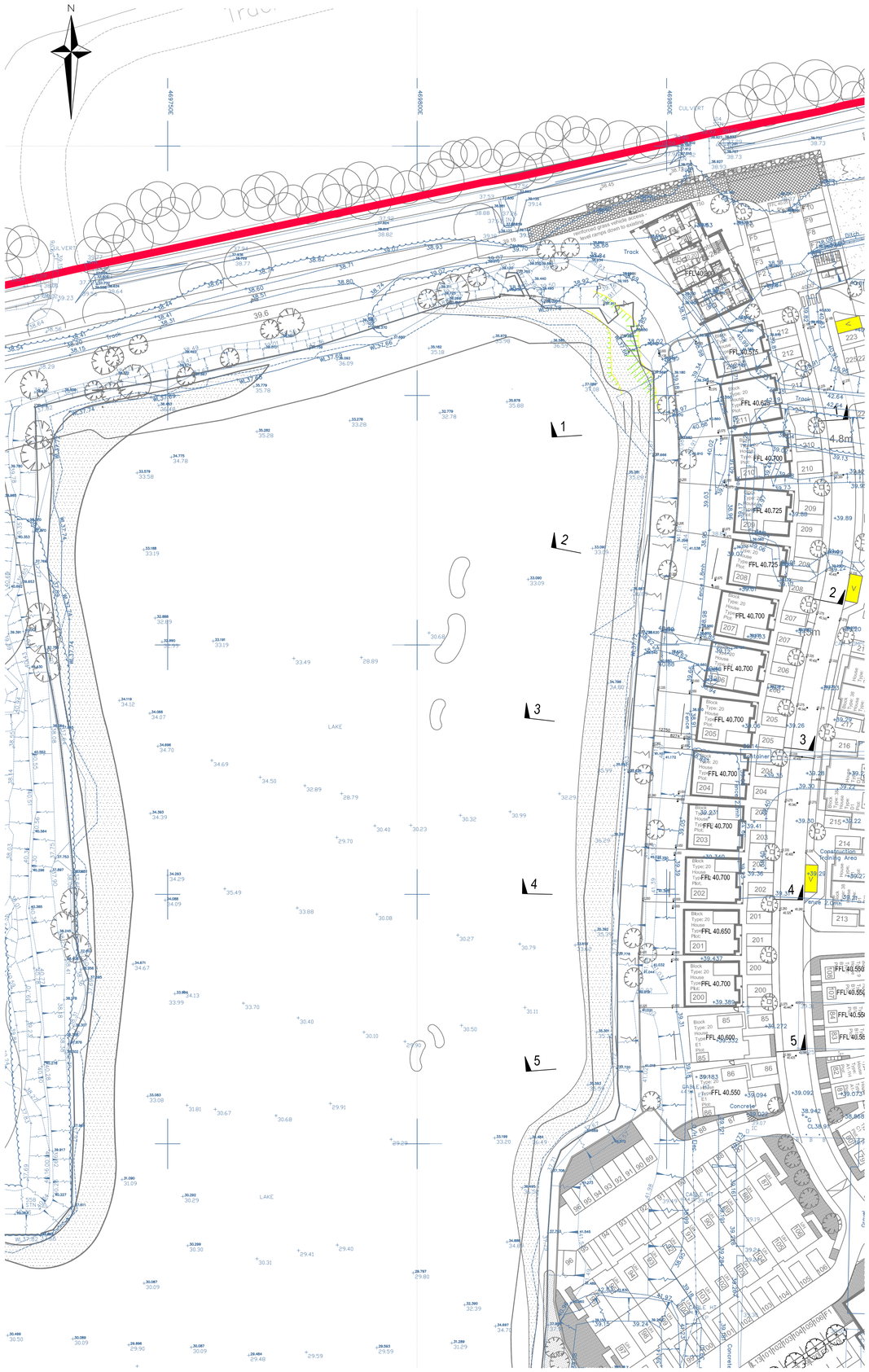
Client : St Edward Designed for life

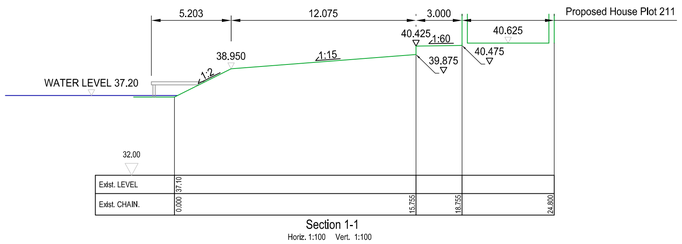
Project :
GREEN PARK VILLAGE
READING

Title :
LAKE WORKS
NORTH, SOUTH AND EAST LAKE
CONTOUR PLAN

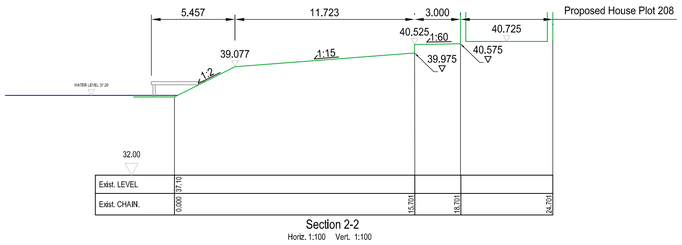
Project Engineer :	KJ	Scale :	1:250@A1
Project Director :	HBG	Date :	Jan 2017
Status :	CONSTRUCTION		

Drawing No. 4160537-1001 Rev C2

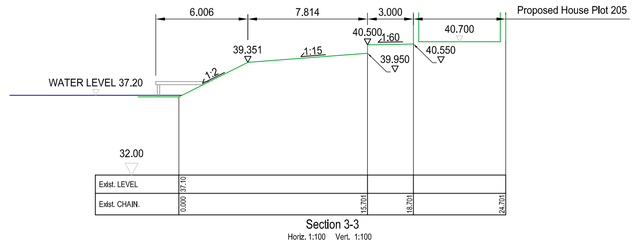




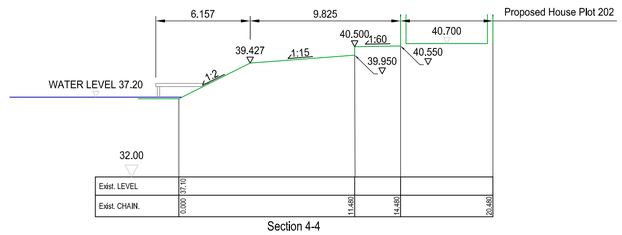
Section 1-1
Horiz. 1:100 Vert. 1:100



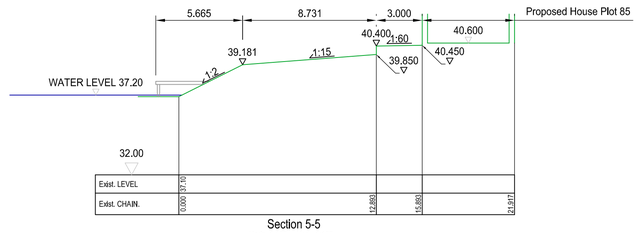
Section 2-2
Horiz. 1:100 Vert. 1:100



Section 3-3
Horiz. 1:100 Vert. 1:100



Section 4-4
Horiz. 1:100 Vert. 1:100



Section 5-5
Horiz. 1:100 Vert. 1:100

GENERAL NOTES

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FOR CONSTRUCTION

Rev.	Description	Date	Chkd
C1	CONSTRUCTION ISSUE	09.02.17 KJ	.

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Hemel Hempstead, Herts. HP2 7TE
Tel: (01442) 835999 Fax: (01442) 258924
postbox@glanvillegroup.com www.glanvillegroup.com

Client : Berkeley Designed for life

Project :
GREEN PARK VILLAGE
READING

Title :
LAKE SIDE WORKS
PHASE 5 HOUSING AREA SECTIONS

Project Engineer :	KJ	Scale :	1:500@A1
Project Director :	HBG	Date :	Feb 2017
Status :	CONSTRUCTION		

Drawing No. 4160537-1002 Rev C1

APPENDIX D

Photosheets



		
Phase 5A prior to remediation works and importing Phase 1B inert material stockpiles (6.7.16)	Phase 5A Asbestos Area (7.9.16)	Southern part of Phase 5A turnover works (7.9.16)
		
Scrap metal and tank removed from ground (7.9.16)	Concrete boulders removed from ground (7.9.16)	Other obstructions removed from the ground (19.9.16)
WOOLDRIDGE	Photosheet 1	

		
Dumper with water bowser	Heras fencing with asbestos signage	Decontamination unit
		
Cat bulldozer	Bomag deep impact roller	Rolling re-placed layer of asbestos impacted soils (before overlaying terram)
WOOLDRIDGE	Photosheet 2	

		
Turnover works within northern segment	Placing first capping layer and rolling	Removing concrete boulder from cap
		
Terram Placed along deep service trench. Terram continued along trench at time of extending	Rolling capping layer within deep service trench	Facing north across capping layer
WOOLDRIDGE	Photosheet 3	

		
Placing first layer of capping onto terram	Rolling first layer of capping on terram	Deep service trench and asbestos impacted stockpile
		
Deeper Made Ground turnover works (19.9.16)	Deeper Made Ground turnover works (19.9.16)	Obstructions removed from deeper Made Ground (19.9.16)
WOOLDRIDGE	Photosheet 4	

		
Turnover works within northern segment (23.9.16)	Facing north towards inert stockpile in Phase 5B, loading dumpers to import material for capping layer (30.9.16)	Facing south west towards Phase 5A with capping layer in place (6.10.16)
		
Facing north across placed capping (6.10.16)	Facing south across capping layer towards Phase 1B (6.10.16)	Facing north along the eastern edge of the Phase 5A capping (6.10.16)
WOOLDRIDGE	Photosheet 5	



Facing south from the NE corner of the lake (3.11.16)



Facing south across the placed imported soil in Phase 5A (3.11.16)



Facing north across the placed imported soil in Phase 5A (3.11.16)



Facing east across the placed imported soil in Phase 5A (3.11.16)



Facing north from the top of the raised capping layer down to lower strip requiring remediation (20.4.17)



Facing south from the top of the raised capping layer down to lower strip requiring remediation (20.4.17)

WOOLDRIDGE

Photosheet 6

		
Facing north along western strip to be remediated. Area surrounded with Herras (10.4.17).	Excavating 'clean' which the path formerly passed along (10.4.17).	'Clean' soils from pathway placed in stockpile on raised Phase 5A platform (10.4.17).
		
Pathway soils removed, lower 0.2m of 'clean' soil not excavated to avoid cross contamination (10.4.17).	Ramboll completing own trial pits (11.4.17).	Clean cap material being pulled back to allow for reduction in levels (13.4.17).
WOOLDRIDGE	Photosheet 7	

		
Wooldridge completing trial pits (18.4.17).	TP1 completed at the southern end of the lower contaminated shelf (18.4.17).	TP1 arisings and samples (18.4.17).
		
TP2 completed 1/3 of the way along the lower contaminated shelf from the southern end (18.4.17)	TP2 arisings, note excavated metal (18.4.17).	TP3 completed 2/3 of the way along the lower contaminated shelf from the southern end (18.4.17).
WOOLDRIDGE	Photosheet 8	

		
TP3 arisings and samples (18.4.17).	TP4, note the foreign objects including metal sheets, wire, tyres, plastic sheets and concrete (18.4.17).	Pressure washer used to dampen down during excavation of the contaminated soil (25.4.17).
		
Contaminated soil being excavated to level in a north-south direction to the main haul road (25.4.17).	Contaminated soil continuing to be excavated towards stockpiled non-hazardous material (25.4.17).	Excavated contaminated soil. Note this traveller is 2m tall which corresponds to profiles set at 1m above finished level, allowing for 1m capping layer (25.4.17).
WOOLDRIDGE	Photosheet 9	



Contaminated soil excavated to level, allowing for 1m cap (27.4.17).



Contaminated soil stockpiled at southern end of lower shelf ready to be loaded onto tipper lorries (28.4.17).



Facing south across installed terram (2.5.17).



Terram installed to meet previously laid terram (2.5.17).



Terram installed as close to lake a possible (2.5.17).



Facing north across installed terram (3.5.17).

WOOLDRIDGE

Photosheet 10

		
Facing south from the northern end of the lower shelf (3.5.17).	Facing north, excavator being used to place first layer of capping layer prior to spreading by dozer (3.5.17).	Typical asbestos cement board fragments picked from non-hazardous soils due to be taken off site (25.4.17)
		
Tyres removed from contaminated soil (2.4.17).	8 bags of asbestos fragments and clothing used during works (3.5.17).	Phase 5A lake side strip remediated and completed to required level (4.5.17).
WOOLDRIDGE	Photosheet 11	

		
Facing south from the main haul road (26.6.17).	Decontamination unit and water bowser in place at beginning of works. (26.6.17).	Entrance/exit for machines into Asbestos Area, immediately west decontamination unit (26.6.17)
		
Facing north towards Asbestos Area entrance/exit (26.6.17).	Trial pit in far eastern part of Asbestos Area showing shallow natural soils and groundwater (26.6.17).	Trial pit in eastern area (26.6.17).
WOOLDRIDGE	Photosheet 12	

		
Trial pit in eastern area below housing footprint (26.6.17).	Trial pit in eastern area (26.6.17).	Trial pit in eastern area (26.6.17)
		
Facing south across the eastern area across the 8 trial pits completed to show shallow natural soils (26.6.17).	Trial pits in eastern area (26.6.17).	Two wooden railway sleeper and concrete obstruction (0.4m x 1m x 2.5m) in western area (27.6.17).
WOOLDRIDGE	Photosheet 13	

		
Concrete obstruction (0.4m x 1m x 2.5m) uncovered in western area (27.6.17).	Concrete obstruction (0.7m x 3.5m x 5m) uncovered in southwestern part of final Asbestos Area (27.6.17).	Removal of larger concrete obstruction (27.6.17)
		
Larger concrete obstruction broken into smaller fragments with machine and pecker (27.6.17).	Turnover of soils within footprint of houses within western part of final Asbestos Area (27.6.17).	Turnover works (27.6.17).
WOOLDRIDGE	Photosheet 14	

		
Turnover works within western part of final Asbestos Area (27.6.17).	Turnover works within southern part of final Asbestos Area (27.6.17).	Compacting soils prior to installing orange terram (27.6.17)
		
Compacting soils prior to installing orange terram (27.6.17).	Facing south at first rolls of terram installed along the western edge of final Asbestos Area (27.6.17).	Orange terram placed to meet central part of the Asbestos Area which was previously installed (27.6.17).
WOOLDRIDGE	Photosheet 15	

		
Orange terram installation. Ends of terram were later cut straight to follow boundary (27.6.17).	Installing orange terram (27.6.17).	Placing inert capping soils on top of terram (27.6.17)
		
	Facing north into Asbestos Area (30.6.17).	
WOOLDRIDGE	Photosheet 16	

APPENDIX E

Hazardous Waste Consignment notes

WOOLDRIDGE

COMLEY SKIPS

Calf Lane Quarry Waste Transfer Station
Rye Common
Odiham RG29 1HU
Tel: 01252 851 863 www.comleyskips.co.uk
Tel: 01256 702178

DUTY OF CARE WASTE TRANSFER NOTE / INVOICE

SITE PERMIT No. HR078

DATE 05/10/2016

TIME

TICKET No. 16527

CUSTOMER **Wooldridge EcoTec Ltd** ACCOUNT

Unit 17
Hall Grove Farm

Bagshot
GU19 5HP

DESCRIPTION OF MATERIAL Bonded asbestos17 06 05 INWARD

Weighing Information:

Gross	1,800 kg	05/10/16 10:38:09
Tare	1,740 kg	05/10/16 10:46:42
Net	60 kg	

Additions HWCN **Qty** 1

ORDER

HAULIER Wooldridge EcoTec Ltd

VEHICLE REG'N. No. MA08 MRX

CONVEYANCE NOTE No.

SPECIAL WASTE NOTE No.

CASH SALES INVOICE

	£	P
RATE		
VAT @ %		
TOTAL		

Conditions of Acceptance: THE COMPANY ACCEPT NO RESPONSIBILITY WHATSOEVER FOR DAMAGE OR INJURY OF ANY NATURE AND HOWEVER CAUSED TO THE VEHICLE OR PERSONS USING THE SITE. ONLY MATERIAL PERMITTED UNDER THE WASTE MANAGEMENT LICENCE MAY BE DEPOSITED ON THE SITE. THE COMPANY RESERVE THE RIGHT TO REJECT ANY MATERIAL WHICH IS CONSIDERED TO BE OBJECTIONAL OR UNSUITABLE FOR DEPOSIT ON THE COMPANY'S SITE.

DRIVERS SIGNATURE

WASTE PRODUCERS SIGNATURE

The Hazardous Waste Regulations 2005: Consignment Note

WOOLDRIDGE
Tel: (01276) 470333

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: WOOLDE/00018

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): c/o Berkeley Group, Plase 5 Green Park village Longwater Rd, Reading, Berkshire, RG2 6PG

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode): Comleys Sons, Calf Lane, Rye Common, Odiham, RG29 4PH

5 The waste producer was (if different from 2) name, address, postcode, telephone, e-mail, facsimile): Wooldridge Ecotec Ltd, Unit 17, Hall Grove Farm, Bagshot, Surrey GU19 5HP TEL. 01276 470333

PART B Description of the waste

If continuation sheet used, tick here ☐

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

2 SIC for the process giving rise to the waste: 45.11/

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 codes(s)	Container type, number and size
Cement Bonded Asbestos	170605		Crysotile	<10%	Solid	H7	Van

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
170605	III	2590	White Waste Asbestos	9	Do not Inhale

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.

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

1 Carrier name:
On behalf of (name, address, postcode, telephone, e-mail, facsimile): Wooldridge Ecotec Ltd, As AS above.

2 Carrier registration no./reason for exemption: CBDU81963

3 Vehicle registration no. (or mode of transport, if not road): MA08 MRX

Signature MA08 MRX

Date DD MM YYYY Time HH MM

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 (name, address, postcode, telephone, e-mail, facsimile): As AS Above

Signature

Date DD MM YYYY Time HH MM

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)
170605	60kg	ACC	D15

1 I received this waste at the address given in A4 on: Date 05/10/2016 Time 1040

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

3 Where waste is rejected please provide details: MA08 MRX

Name: J. Turvey

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

CALF LANE QUARRY
RYE COMMON, ODIHAM
HOOK HANTS RG29 1HU

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

HR078.

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

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

Signature J. Turvey.

Date 05/10/2016 Time 1040

WOODLANDS

Form HWCN01v111

The Hazardous Waste Regulations 2005: Consignment Note

Luton Environmental Limited

Environment Agency

CONSIGNEE'S COPY

Delete as appropriate

PART A Notification details

Consignment note code: LUTONE/LO528

2 The waste described below is 10 be removed from (name, address. postcode. telephone. e-mail. facsimile):
SMALLMEAD ROAD
READING
RG30 3UR

3 Premises code (where applicable): LUTONE

4 The waste will be taken to (name. address and postcode):
ASBESTOS WASTE SOLUTION, 27A OLIVER CLOSE, WEST THURROCK RM20 3EE

5 The waste producer was Of different from 2) (name. address. postcode, telephone, e-mau, facsimile): Luton Environmental Ltd. 19 Bolingbroke Road, Luton. LU1 5JD

PART B Description of the waste

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

2 SIC for the process giving rise to the waste: 39.00/1

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 the waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% ormg/kg)	Physical form (gas. liquid. solid. powder. sludge or mixed)	Hazard code(s)	Container type, number and size
ASBESTOS CEMENT	170605	80 KG	CHRYSOTILE	15	SOLID	HP5/7	8 BAGS

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
170605	2590	ASBESTOS WASTE	9	III	MARPOL

PART C Carrier's certificate

(If more then 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: LUTONE/LIGMNA/LO52871Z

1 Carrier name: A MCKINSTRY

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Luton Environmental Ltd
19 Bolingbroke Road, Luton. LU1 5JD

2 Carrier registration no./reason for exemption: CBDU63110

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

Signature

Date 10/05/2017 Time 1100

PART D Conignor'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 labelledcorrectly 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: A MCKINSTRY

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Luton Environmental Ltd
19 Bolingbroke Road, Luton. LU1 5JD

Signature

Date 10/05/2017 Time 1100

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)
170605	80KG	A	D15

1 I received this waste at the address given in A4 on: Date 12/05/2017 Time 1239

2 Vehicle registration no. (or mode of transport If not road): LI4MNA

3 Where waste is rejected please provide details:

Name: K PEERS

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

I certify that waste permit/exempt waste operation number: EPR/AP3694VC

authorise the management of the waste described In B at the address given inA4.

Where the consignment forms part of a multiple collection, as identified in Part C, Icertify that the total number of consignments forming the collection are: 3

AWS, 27a Oliver Close West
Thurrock, Essex, RM20 3EE

Signature KP

Date 12/05/17 Time 1239

3577

WOOLDRIDGE ECOTEC

W 613030

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
9-5-2017	KV04 XKW	TOM

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK, READING

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

SIC CODE

Time of Loading: NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material: Muck Away	Tare Weight		
LORRY HIRE: Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT: THE BUGLE SUNBURY TW16 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME: J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613031

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-2017	KV04 XKW	TERRY

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK, READING

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

SIC CODE

Time of Loading: NON HAZ

Description of Material: MUCK AWAY

LORRY HIRE — Cash Sale

	Gross Weight of Vehicle	TONNES	M³
	Tare Weight		
	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT: THE BUGLE SUNBURY TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME: J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613015

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-2017	KV64XKW	TERRY

CUSTOMER: BARKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material	TRUCK PART	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x6w	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
TW17 8917 SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE
ECOTEC

W 613020

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-2017	LV64XKW	TERRY

CUSTOMER: BENTLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

		Gross Weight of Vehicle	TONNES	M³
Time of Loading	NON HAZ			
Description of Material	Muck Away	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL
- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
W17 8SN SUNDRY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

WOOLDRIDGE
ECOTEC

W 613019

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-2017	KV64 XKW	TERRY

CUSTOMER: BENKLEY HOMES

SITE ADDRESS: GREEN PARK, READING

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

SIC CODE

		Gross Weight of Vehicle	TONNES	M³
Time of Loading	NON HAZ			
Description of Material	Muck AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
TW178SN SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

WOOLDRIDGE ECOTEC

W 613018

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
29-4-2017	KV64 XKW	TERRY

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading: NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material: Muck Away	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
IW17897 SUNDUN7

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

WOOLDRIDGE ECOTEC

W 613017

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-2017	KV64XKW	TERRY

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK, READING

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

SIC CODE

Time of Loading: NON HAZ

Description of Material: MUCK AWAY

LORRY HIRE

Cash Sale

	Gross Weight of Vehicle	TONNES	M³
	Tare Weight		
	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT: THE BUGLE, SUNBURY, TW17 8ST

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613007

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-2017	KV64 XKW	TG207

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material	MUCK AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
VT7 8SN SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE
ECOTEC

W 613008

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-2017	KV64XVW	TERRY

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

		Gross Weight of Vehicle	TONNES	M³
Time of Loading	NON HAZ			
Description of Material	MUCK AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	tns	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
WT8 8ST SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613009

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	KV64 XKW	TERRY

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading: NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material: MUCK PLANT	Tare Weight		
LORRY HIRE: Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT: THE BUGLE TW17 8SN SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613014

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-2017	KV64 XKW	TERRY

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material	TRUCK AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

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(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
W19 8SN SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613016

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-2017	KV64 XKW	TEDDY

CUSTOMER: BERKLEY HOMES.

SITE ADDRESS: GREEN PARK, BEDDING

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

SIC CODE

Time of Loading	NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material	MUCK AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1 x 8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
TW17 8SN SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE
ECOTEC

W 614277

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	HUGSHFW	MARK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight	14.82	
Cash Sale	Net Weight		

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL
- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
SUNBURY TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	27-4-17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614969

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/4/17	KP14 FNC	CHRIS

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON-HAZ MUCK AWAY	Tare Weight	1 x 8	
LORRY HIRE / Cash Sale	Net Weight	WHEELER	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
SUNBURY TW17 5N

TRANSFER OF WASTE

TRANSFER DATE	27/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613550

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27.4.17	KM 65 KOU	MANTIS

CUSTOMER: BERKELEYS HOMES.

SITE ADDRESS: GREEN PARK
READING.

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

SIC CODE

Time of Loading: Non Haz	Gross Weight of Vehicle	TONNES	M³
Description of Material: Rock Muck	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 x 8W	1

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
SUNBURY
TW17 8NS

TRANSFER OF WASTE

TRANSFER DATE	27.4.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614968

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE: 27/4/17 | VEHICLE REG. No: KP14 FNC | NAME OF PERSON IN CHARGE OF VEHICLE: CHRIS

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON-HAZ MUCK AWAY	Tare Weight	1 x 8	
Cash Sale	Net Weight	WHEELER	

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT: THE BUDGE SUNBURY TW17 5N

TRANSFER OF WASTE

TRANSFER DATE	27/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614276

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	KU05 MFW	MARK

CUSTOMER: BERKELEY HOMES.

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ	Tare Weight	1 LOAD	
LORRY HIRE — Cash Sale M/A	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
SUNBURY. TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	27-4-17.
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 615472

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/4/17	KP16 XTD	Dan.

CUSTOMER: Berkeley Homes

SITE ADDRESS: Green Park, Reading

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON-HAZ-N/A	Tare Weight		LXBW CONTD
LORRY HIRE	Cash Sale	Net Weight	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☐ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

Bugle Nurseries
Shepperton TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	27/4/17.
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613693

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/4/17	KN16 CRJ	LEE

CUSTOMER: BERKELEY HM'S

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/AWAY	Tare Weight	14 8	
LORRY HIRE — Cash Sale	Net Weight	WHEELER	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
HALFORD RD
SUDBURY

TRANSFER OF WASTE

TRANSFER DATE	27/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597932

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	E412 YGM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
NON HAZ N/A			
Description of Material	Tare Weight		
Cash Sale	Net Weight	1X8W	

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

[redacted] THE BUGLE WORSEINGS TW14 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597933

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	EY12 YSM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 x 8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602620

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/04/17	EY12 YAP	LEE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/H - M/A	Tare Weight		
LORRY HIRE Cash Sale	Net Weight	1x8w	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BULK NURSERIES
TN17 8SA

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER LEE .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602621

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/04/17	RY12 YAP	LEE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING.

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

SIC CODE

Time of Loading N/H M/A	Gross Weight of Vehicle	TONNES	M³
Description of Material	Tare Weight	1x8W	
LORRY HIRE — Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

DOLCE NURSERIES
TW17 8SA.

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602619

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/04/17	RE11 YGP	LEE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING.

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

SIC CODE

Time of Loading		Gross Weight of Vehicle	TONNES	M³
Description of Material N/A	M/A	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BURLE
TW17 8JA

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597931

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	EY12 YGM	Mick

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1X SLW	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

☐ 17.01.07 Clean Hardcore ☑ 17.05.04 Soil & Stones ☐ 17.04.07 Mixed Metal
☐ 17.09.04 Mixed Construction ☐ 17.06.05 Construction Asbestos ☐ 17.02.01 Wood
☐ 20.02.01 Garden / Park Waste ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614966

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/4/17	KP14 FNC	Chris

CUSTOMER: BEECKLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON-HAZ MUCK AWAY	Tare Weight	1 x 8	
Cash Sale	Net Weight	WEIGHER	

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUCK
SUNBURY TW178SN

TRANSFER OF WASTE

TRANSFER DATE	27/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME: J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

WOOLDRIDGE ECOTEC

W 614274

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	KU65MFU	MARK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ	Tare Weight	1 LOAD	
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BURGESS NURSERIES
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	27-4-17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613691

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/4/17	KN16 CXJ	LEE

CUSTOMER: BERKELEY HM'S

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/AWAY	Tare Weight	1x8	
LORRY HIRE: Cash Sale	Net Weight	WHEELER	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

TIP CODE .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
HALIFORD RD
SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	27/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME: J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602618

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	EY12 YSP	LEE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/H M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1x 8N	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597930

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	EY12 YGM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading NOWHAZ M/A	Gross Weight of Vehicle	TONNES	M³
Description of Material	Tare Weight		
Cash Sale	Net Weight	1X8W	

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
NURSERIES
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613682

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE: 25/4/17 | VEHICLE REG. No: KN16 CXS | NAME OF PERSON IN CHARGE OF VEHICLE: LEE

CUSTOMER: BERKLEY HM'S

SITE ADDRESS: GREEN PK READING

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

SIC CODE

Time of Loading

Description of Material: NON HAZ M/AWAY

LORRY HIRE

Cash Sale

HOURS WORKED

TRAVELLING TIME

No. OF LOADS

WHERE TIPPED

CUBIC METERS

	Gross Weight of Vehicle	TONNES	M³
	Tare Weight	1 x 8	
	Net Weight	WHEELER	

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
HALLIFORD RD
SUNBURY

TRANSFER OF WASTE

TRANSFER DATE: 25/4/17

TRANSFER TIME:

SITE LICENCE No.:

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE

WOOLDRIDGE ECOTEC

W 613546

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25.4.17	KM65KOU	MANJIT

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK

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

SIC CODE

Time of Loading: NON HAZ.

Description of Material: MUCK AWAY

LORRY HIRE: Cash Sale

	Gross Weight of Vehicle	TONNES	M³
	Tare Weight		
	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT: BUGLE NURSERIES SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	25.4.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME .....

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 615403

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25-4-17	KX15NOF	ANDY

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1x8N	LOAD

HOURS WORKED

TRAVELLING TIME

No. OF LOADS: 1x8N LOAD

WHERE TIPPED

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] ~~17.05~~.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUSLE NURSERYS
SUNBURY TW17 8NS

TRANSFER OF WASTE

TRANSFER DATE	25 4 17
TRANSFER TIME	
SITE LICENCE No.	G

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE
ECOTEC

W 612748

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25 4 17	KX15NAF	ANDY

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ	Tare Weight		
Cash Sale	Net Weight	1x8W	6wo

LORRY HIRE

HOURS WORKED

TRAVELLING TIME

No. OF LOADS: 1x8W 6wo

WHERE TIPPED

DESCRIPTION OF MATERIAL
- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [ ] ~~17.05~~.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT: BUICE NURSERYS SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	25.4.17
TRANSFER TIME	
SITE LICENCE No.	6

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** M. MERRETT

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE

WOOLDRIDGE ECOTEC

W 612890

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25-4-17	R11BLE.	COLLINS

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

		Gross Weight of Vehicle	TONNES	M³
Time of Loading	NON HAZ.			
Description of Material	Muck AWAY	Tare Weight	1 X 8w	LOAD.
LORRY HIRE	Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): amb

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SUNBURY
TW17 8AS

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER amb

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

.....

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE

WOOLDRIDGE ECOTEC

W 613155

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25.4.17	T111 PPP	IAN

CUSTOMER: Bewley Homes

SITE ADDRESS: Green Park
Reading

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: New + A2 M/A	Tare Weight	15 Ton	
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

The Bucks Nurseries
Shepperton
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

MMARGETT

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613153

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25.4.17	T111 PPP	IAN

CUSTOMER: Barkley Homes

SITE ADDRESS: Green Park
Reading

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: Non Haz M1A	Tare Weight	1x8w	
Cash Sale	Net Weight		

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS		TIP CODE

ADDRESS OF TIP/TRANSFER POINT

The Bugle Nurseries
Shepperton
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

.....

SIGNED BY DRIVER

.....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME M. Merrott

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE

WOOLDRIDGE ECOTEC

W 602613

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	LE12 YSP	JCB

CUSTOMER: BERKELEY / HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ WASTE ACCEPTED	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERY
UPPER HALIFAX ROAD
SHEPPERTON TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** M. MOORE

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE

WOOLDRIDGE ECOTEC

W 602615

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25/4/17	LE12 YGP	JOE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREENPARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ MUCK AWAY	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS 1X8CU

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BULK NURSERY
UPPER HALLIFORD ROAD
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER PRINT NAME

M. MCGRATH

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE
ECOTEC

LK EXCAVATION, TOP SOIL, PLANT HIRE,
OUNDWORK CONTRACTORS
LL GROVE FARM, BAGSHOT, SURREY GU19 5HP
: (01276) 470333 Fax: (01276) 470301
AULAGE MANAGER - MICK ATKINS 07831 859111

W 597920

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

ATE: 25-4-17	VEHICLE REG. No: EY12 YGM	NAME OF PERSON IN CHARGE OF VEHICLE: Mick

USTOMER: BERKELEY HOMES

ITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ M/A	Tare Weight		
Cash Sale	Net Weight		

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT
THE BUSCOT
NURSERIES
SHIPPERTON
TW17 8SN.

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERT
COMPANY AND ITS AGENTS WILL NOT B

WOOLDRIDGE ECOTEC

W 613157

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25.4.17	T111 PPP	IAN

CUSTOMER: Berkley Homes

SITE ADDRESS: Green Park Reading.

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: Non Haz M/A	Tare Weight	18w	
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

~~(a) A~~ sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): [signature]

CUBIC METERS		TIP CODE

ADDRESS OF TIP/TRANSFER POINT

The Bugle
Shepperton
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR [signature]

SIGNED BY DRIVER [signature]

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER [signature]

PRINT NAME M. McGrath

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597917

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
25-4-17	EY12 YSM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

TW17 8SN
THE BUSCE NURSERIES
SHEPPERTON.

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 612895

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26-4-17	R111BLE	COLLINS

CUSTOMER: BERKLEY HOMES.

SITE ADDRESS: GREEN PARK. READING.

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

SIC CODE

Time of Loading	NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material	MUCK AWAY	Tare Weight	1 X 8W	LOAD
LORRY HIRE	Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): CMG

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

TIAR BUGLE NURSERIES
SUNBURY
TW17 8SN.

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER CMG

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613158

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26.4.17	T111 PPP	IAN

CUSTOMER: Barratt Homes

SITE ADDRESS: Green Park, Reading.

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: Made Haz MIA	Tare Weight	15.85	
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

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~~(a) A~~ sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

The Bugle Nurseries
Shepperton
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

WOOLDRIDGE ECOTEC

W 615468

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26/4/17	KP16 XFD	DEN

CUSTOMER: BARRATT HOMES

SITE ADDRESS: GREEN PARK NORWICH

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
		18 SW	
Description of Material NON-HAZ-U1/A	Tare Weight	CAN	
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

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(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS		TIP CODE	

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE WRASSLERS
SHEPPERTON TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	26/4/17.
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

WOOLDRIDGE ECOTEC

W 613689

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26/4/17	KN16 CXJ	LEE

CUSTOMER: BERKELEY HM'S

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

		TONNES	M³
Time of Loading	Gross Weight of Vehicle		
Description of Material: NON HAZ M/AWAY	Tare Weight	1 x 8	
LORRY HIRE / Cash Sale	Net Weight	WHEELER	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):



CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
HALIFORD RD
SUNBURY

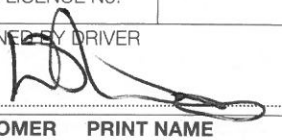
TRANSFER OF WASTE

TRANSFER DATE	26/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR



SIGNED BY DRIVER



The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER



PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614271

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26-4-17	KU65 MFW	MARK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ.	Tare Weight	1 LOAD	
LORRY HIRE: Cash Sale N/A	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

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(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BULL NURSERIES
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	26-4-17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 615405

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26 4 17	KX15 NPF	ANDY

CUSTOMER: BORROW Hamg

SITE ADDRESS: GREEN PK
ROADING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ MIX	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1 x 8 Tons	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS 1 x 8 Tons

WHERE TIPPED .....

DESCRIPTION OF MATERIAL
- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

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(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS | TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUSCE NURSERYS
SUNBURY TW16 8SW

TRANSFER OF WASTE

TRANSFER DATE	25. 4. 17
TRANSFER TIME	
SITE LICENCE No.	60

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** J. WILKINS

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613549

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26.4.17	KM 65 KOU	MATT

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK REDDING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
NON HAZ			
Description of Material: MIXED RUBBLE	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 x 8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [ ] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

TIP CODE .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

ADDRESS OF TIP/TRANSFER POINT

BOGLE NURSERIES
SUNBURY
TW17 8NS.

TRANSFER OF WASTE

TRANSFER DATE	26.4.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597929

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26-4-17	EY12 YSM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1X8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597927

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26-4-17	E412 YGM	Mick

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NONHAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1X8C	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

☐ 17.01.07 Clean Hardcore ☑ 17.05.04 Soil & Stones ☐ 17.04.07 Mixed Metal
☐ 17.09.04 Mixed Construction ☐ 17.06.05 Construction Asbestos ☐ 17.02.01 Wood
☐ 20.02.01 Garden / Park Waste ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597925

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26-4-17	EY12 YSM	MICK

CUSTOMER: BERKELEY HOME

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/A	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1 X 8 WHEEL	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

PANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY CESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE
ECOTEC

W 597923

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
26-4-17	EY12 YSM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

☐ 17.01.07 Clean Hardcore ☑ 17.05.04 Soil & Stones ☐ 17.04.07 Mixed Metal
☐ 17.09.04 Mixed Construction ☐ 17.06.05 Construction Asbestos ☐ 17.02.01 Wood
☐ 20.02.01 Garden / Park Waste ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERY
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 615407

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27 4 17	KX15NPF	ANDY

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ MIX	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1 x 8W load	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS 1 x 8W load

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUSLE NURSERYS
SUNBURY
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	27.4.17
TRANSFER TIME	
SITE LICENCE No.	6

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597934

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	EY12 YSM	MICK

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	7X8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W611793

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27-4-17	KM65 KOS	DAVE

CUSTOMER: Berkley Homes

SITE ADDRESS: Green Park Village
Reading

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

SIC CODE

Time of Loading	Non Haz	Gross Weight of Vehicle	TONNES	M³ 1x8wheeler
Description of Material	Muck Away	Tare Weight		Load
LORRY HIRE	Cash Sale -	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

Bugle Nursery
Upper Halliford Road
Shepperton TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	27-4-17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602622

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
27/04/17	BY12 YGP	LEE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading		Gross Weight of Vehicle	TONNES	M³
Description of Material	N/HAZ M1/A	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1x8w	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BULK NURSERY
TW17 8SA

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613169

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-17	T111 PPP	IN

CUSTOMER: Barkeley Homes

SITE ADDRESS: Green Park, Reading.

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: Non HAZ M/A	Tare Weight	1x8w	
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BRAKE NURSERY
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614761

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
02.05.17	KM 65 KOU	MANJIT

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK

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

SIC CODE

Time of Loading: NON HAZ		Gross Weight of Vehicle	TONNES	M³
Description of Material: MIXED AGG		Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1 X 8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
SUNBURY
TW17 8NS

TRANSFER OF WASTE

TRANSFER DATE	2.5.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597943

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-17	EV12 YGM	Mick

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: SKEEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ MM/1	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 X 8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN.

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597783

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2/5/17	GY12 YSP	JOE

CUSTOMER: Barratt Homes

SITE ADDRESS: Green Park Reading

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ MIXED AWAY	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 X 8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bugle Nurseries
Upper Halliford Road
Shepperton TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613168

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-17	T111 PPP	JW

CUSTOMER: Bemkeley Homes

SITE ADDRESS: Omega Park
Reading.

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: Non Haz M/A	Tare Weight	1x8w	
LORRY HIRE — Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE Bugle Nurseries
Shepperton
TW17 8SW

TRANSFER OF WASTE

TRANSFER DATE

TRANSFER TIME

SITE LICENCE No.

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597781

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2/5/17	EY12 YSP	JOE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ MUCK AWAY	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	14.82	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bingle Nurseries
Upper Halliford Road
Shepperton TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597941

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-15	E412 YSM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: SHEEN PARK READING

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

SIC CODE

Time of Loading: WOOHAR M/A	Gross Weight of Vehicle	TONNES	M³
Description of Material	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 X 8U	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613167

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-17	T111 PPP	JA

CUSTOMER: Berkeley Homes

SITE ADDRESS: Green Pk
Reading.

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: Non Haz MIA	Tare Weight	1x8w	
LORRY HIRE: Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

~~(a)~~ A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

The Bugle Nurseries
Shepperton
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597940

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-17	FY12 YSM	Mick

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	14.80	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUSLEY SERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER MK

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597780

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2/5/17	EY12 YSP	DCRE

CUSTOMER: Bowkett / Hemmings

SITE ADDRESS: Green Park Romsey

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HOR Mechanical	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1x8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS 1x8W

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bugh Nursery
Upper Halfield Road
Shirrell Heath SO32 2JJ

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597942

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-17	EY12 YEM	Mick

CUSTOMER: BERKELEY HOME

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
NON HAZ N/A			
Description of Material	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1XSW	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597782

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2/5/17	EY12 15P	JOE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
RUSHPOINT

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material R/HAZ MUCK AWAY	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1 X 8 ~	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bugle Nurseries
Upper Halliford Road
Shepperton TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597949

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	LY12 YSP	JOE

CUSTOMER: Bowring Homes

SITE ADDRESS: Green Park, Reading

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material Mixed Muck Bump	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS 1 x 6yd

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bugle Nurseries
Upper Hallifords Road
Shepperton

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597938

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-17	EY12 YSM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1 X 8 W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597937

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-17	E412 YSM	Mick

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1X80	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BOURNE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614758

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28.4.17	KM65 KOU	MANTIS

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK,

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ. MIXED INERT	Tare Weight		
LORRY HIRE: Cash Sale	Net Weight	1 x 8M	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
SUNBURY
TW17 8NS

TRANSFER OF WASTE

TRANSFER DATE	28.4.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME** J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613699

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	KN16 CXJ	LEE

CUSTOMER: BERKELEY HM'S

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/AWAY	Tare Weight	18	
LORRY HIRE: Cash Sale	Net Weight	WHEELER	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
HALIFORD RD
SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	28/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597948

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	LEY12 YSP	JOE

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material N/HAZ MUCK AWAY	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS 1X8W

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bayle Meadow
Upper Halliford Road
Shepperton TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597936

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-17	E412 YGM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: SREEN PARK
READING

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

SIC CODE

Time of Loading		Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ - MA		Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1X8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

CUBIC METERS

TIP CODE

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602624

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	LEYR YSP	JCB

CUSTOMER: BARKLEY HOMES

SITE ADDRESS: GREEN PARK ROADWAY

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material H/HAL MIXED	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS 1X6YD

TIP CODE .....

ADDRESS OF TIP/TRANSFER POINT

BULK RECYCLING
UPPER HALLIFORD ROAD
SHEPPERTON TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613697

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	KN16 CXJ	LEE

CUSTOMER: BERKELEY HM'S

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON HAZ M/AWAY	Tare Weight	18	
LORRY HIRE: Cash Sale	Net Weight	WHEELER	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

ADDRESS OF TIP/TRANSFER POINT

BOGLE NURSERIES
HALIFORD RD
SUNBURY

TRANSFER OF WASTE

TRANSFER DATE	28/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597935

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-17	EW12 4SM	MICK

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: SCREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
NOW HAZ N/A			
Description of Material	Tare Weight		
Cash Sale	Net Weight	1XBW	

LORRY HIRE

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE NURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 602623

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	12/12 YSP	J WILKINSON

CUSTOMER: BLACKLEY / HENRYS

SITE ADDRESS: GREEN PARK
ROMSEY

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material R/HOG MIXED WOOD	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE): .....

CUBIC METERS 1X8CU

TIP CODE .....

ADDRESS OF TIP/TRANSFER POINT

BARGE NURSERY ROAD
UPPER HALLIKEN
SOUTHAMPTON SO17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR .....

SIGNED BY DRIVER .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER .....

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614756

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-17	RM 65 KOU	MANNY

CUSTOMER: BERKLEY HOMES.

SITE ADDRESS: GREEN PARK READING.

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

SIC CODE

Time of Loading	NON HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material	MUCK AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1 x 8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS		TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BUGLE NURSERIES
SUNBURY
TW17 8NS.

TRANSFER OF WASTE

TRANSFER DATE	28.4.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

.....

SIGNED BY DRIVER

.....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614972

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	KP14 FNC	CHRIS

CUSTOMER: BEECHLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material: NON-HAZ MUCK AWAY	Tare Weight	18	
LORRY HIRE / Cash Sale	Net Weight	WEEKLY	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
SUNBURY TW16 7SN

TRANSFER OF WASTE

TRANSFER DATE	28/4/17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME: J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597939

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301
HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28-4-17	EY12 YGM	Mick

CUSTOMER: BERKELEY HOMES

SITE ADDRESS: GREEN PARK
READING

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

SIC CODE

Time of Loading	Gross Weight of Vehicle	TONNES	M³
Description of Material NON HAZ M/A	Tare Weight		
LORRY HIRE / Cash Sale	Net Weight	1X8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

☐ 17.01.07 Clean Hardcore ☑ 17.05.04 Soil & Stones ☐ 17.04.07 Mixed Metal
☐ 17.09.04 Mixed Construction ☐ 17.06.05 Construction Asbestos ☐ 17.02.01 Wood
☐ 20.02.01 Garden / Park Waste ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.
SIGNED BY PRODUCER/CUSTOMER
PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

THE BUCKNURSERIES
SHEPPERTON
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 614760

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28.4.17	KM 65 KOU	MANJIT

CUSTOMER: BERKLEY HOMES

SITE ADDRESS: GREEN PARK

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

SIC CODE

Time of Loading: NOW HAZ	Gross Weight of Vehicle	TONNES	M³
Description of Material: MUCK AWAY	Tare Weight		
LORRY HIRE — Cash Sale	Net Weight	1×8W	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- [ ] 17.01.07 Clean Hardcore
- [ ] 17.09.04 Mixed Construction
- [ ] 20.02.01 Garden / Park Waste
- [x] 17.05.04 Soil & Stones
- [ ] 17.04.07 Mixed Metal
- [ ] 17.06.05 Construction Asbestos
- [ ] 17.02.01 Wood
- [ ] Other

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

CUBIC METERS

TIP CODE

ADDRESS OF TIP/TRANSFER POINT

BOLLE NURSERIES
SUNBURY
TW17 8NS

TRANSFER OF WASTE

TRANSFER DATE	28.4.17
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER **PRINT NAME**

J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 597947

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

CUSTOMER COPY

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
28/4/17	EF12 GSD	SCE

CUSTOMER: Bewley Homes

SITE ADDRESS: Green Park
Reading

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

SIC CODE

Time of Loading		Gross Weight of Vehicle	TONNES	M³
Description of Material N/A MOT Material		Tare Weight		
LORRY HIRE	Cash Sale	Net Weight		

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

CUBIC METERS 1 x 8yd

TIP CODE

Certified that the above particulars are true and relate to the aggregates, sub-based materials and arising materials being conveyed or disposed of in:
(a) A sale or an agreement for the sale thereof made by weight.
(b) An agreement for the carriage thereof made by weight or volume.
Delete (a) or (b) as applicable.
On behalf of the Seller
SIGNED BY (DRIVER'S SIGNATURE):

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☑ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.09.04 Mixed Construction
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ 20.02.01 Garden / Park Waste
- ☐ Other .....

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

Bayle Newsum
Upper Wharfedale Road
Eckington Sheffield

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

IF MULTIPLE TRANSFER BETWEEN DATES

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD.

WOOLDRIDGE ECOTEC

W 613029

CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

BULK EXCAVATION, TOP SOIL, PLANT HIRE,
GROUNDWORK CONTRACTORS
HALL GROVE FARM, BAGSHOT, SURREY GU19 5HP
Tel: (01276) 470333 Fax: (01276) 470301

HAULAGE MANAGER - MICK ATKINS 07831 859111

CUSTOMER COPY

Registered Waste Carrier
Registration No. CBDU81963
Issued by Environment Agency

DATE:	VEHICLE REG. No:	NAME OF PERSON IN CHARGE OF VEHICLE:
2-5-2017	KV64 XKW	TOM

CUSTOMER: BENTLEY HOMES

SITE ADDRESS: GREEN PARK READING

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

SIC CODE

		Gross Weight of Vehicle	TONNES	M³
Time of Loading	NON HAZ			
Description of Material	MUCK AWAY	Tare Weight		
LORRY HIRE	Cash Sale	Net Weight	1X8	

HOURS WORKED .....

TRAVELLING TIME .....

No. OF LOADS .....

WHERE TIPPED .....

DESCRIPTION OF MATERIAL

- ☐ 17.01.07 Clean Hardcore
- ☐ 17.09.04 Mixed Construction
- ☐ 20.02.01 Garden / Park Waste
- ☒ 17.05.04 Soil & Stones
- ☐ 17.04.07 Mixed Metal
- ☐ 17.06.05 Construction Asbestos
- ☐ 17.02.01 Wood
- ☐ Other

.....

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(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight or volume.

Delete (a) or (b) as applicable.

On behalf of the Seller

SIGNED BY (DRIVER'S SIGNATURE):

.....

CUBIC METERS		TIP CODE

ADDRESS OF TIP/TRANSFER POINT

THE BUGLE
SUNBURY
TW17 8SN

TRANSFER OF WASTE

TRANSFER DATE	
TRANSFER TIME	
SITE LICENCE No.	

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

The producer of this load of waste certifies that recyclable and non-hazardous materials have been separated prior to collection.

SIGNED BY PRODUCER/CUSTOMER

PRINT NAME J. WILKINSON

THE COMPANY UNDERTAKES DELIVERY TO THE NEAREST HARD ROAD AND WILL ONLY ENTER PRIVATE PROPERTY WHERE ACCESS IS ADEQUATE AND ON CONSIGNEE'S INVITATION. THE COMPANY AND ITS AGENTS WILL NOT BE LIABLE FOR ANY DAMAGE TO PRIVATE PROPERTY WHATSOEVER CAUSED BY THE VEHICLE AND/OR LOAD

APPENDIX F

Total chemical and Waste Acceptance Criteria results



Jamie Wilkinson
Wooldridge Ecotec Limited
Unit 17
Hall grove Farm Estate
Bagshot
Surrey
GU19 5HP

e: jamie@wooldridgegroup.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 17-45994

Project / Site name:	Green Park Village - Phase 5 Asbestos Works	**Samples received on:**	19/04/2017
Your job number:		**Samples instructed on:**	19/04/2017
Your order number:		**Analysis completed by:**	24/04/2017
Report Issue Number:	1	**Report issued on:**	24/04/2017
Samples Analysed:	8 soil samples		

Signed:

Dr Irma Doyle
Senior Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 17-45994

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Lab Sample Number				736249	736250	736251	736252	736253
Sample Reference				TP1	TP1	TP2	TP2	TP3
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	1.00	0.20	1.00	0.20
Date Sampled				18/04/2017	18/04/2017	18/04/2017	18/04/2017	18/04/2017
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
Moisture Content	%	N/A	NONE	15	18	16	-	16
Total mass of sample received	kg	0.001	NONE	2.0	2.0	2.0	-	2.0
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	7.2	7.3	7.7	-	7.7
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	-	< 1
Total Sulphate as SO_4	mg/kg	50	MCERTS	1500	1900	1000	-	880
Organic Matter	%	0.1	MCERTS	3.3	3.3	3.6	-	2.7
Total Phenols								
Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.19	< 0.05	0.45	-	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.10	-	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.46	0.29	0.68	-	0.20
Pyrene	mg/kg	0.05	MCERTS	0.43	0.28	0.69	-	0.20
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.25	0.14	0.32	-	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.23	0.17	0.34	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.34	0.21	0.47	-	0.20
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.15	0.09	0.25	-	0.08
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.28	0.16	0.42	-	0.13
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.17	0.13	0.29	-	0.11
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.20	0.15	0.41	-	0.14
Coronene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	-	< 0.05
Total PAH								
Total WAC-17 PAHs	mg/kg	0.85	NONE	2.7	1.6	4.4	-	1.1
Heavy Metals / Metalloids								
Antimony (aqua regia extractable)	mg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	11	13	-	12
Barium (aqua regia extractable)	mg/kg	1	MCERTS	93	69	120	-	100
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.91	1.1	1.2	-	0.94
Boron (water soluble)	mg/kg	0.2	MCERTS	2.7	2.0	2.9	-	2.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	-	< 4.0
Chromium (III)	mg/kg	1	NONE	37	30	58	-	53
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	39	31	59	-	54
Copper (aqua regia extractable)	mg/kg	1	MCERTS	27	20	34	-	24
Lead (aqua regia extractable)	mg/kg	1	MCERTS	57	32	86	-	58
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.6	< 0.3	0.9	-	0.6
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	28	25	27	-	20
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	34	37	38	-	31
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	86	60	140	-	93

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Analytical Report Number: 17-45994

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Lab Sample Number				736249	736250	736251	736252	736253
Sample Reference				TP1	TP1	TP2	TP2	TP3
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	1.00	0.20	1.00	0.20
Date Sampled				18/04/2017	18/04/2017	18/04/2017	18/04/2017	18/04/2017
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	-	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	-	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	-	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	-	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	-	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	22	-	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	25	-	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	-	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	-	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	-	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	-	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	-	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	-	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	-	< 10

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Analytical Report Number: 17-45994

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Lab Sample Number				736254	736255	736256		
Sample Reference				TP3	TP4	TP4		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				1.00	0.20	1.00		
Date Sampled				18/04/2017	18/04/2017	18/04/2017		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	-		
Moisture Content	%	N/A	NONE	13	10	-		
Total mass of sample received	kg	0.001	NONE	2.0	2.0	-		
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected		
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	7.9	8.0	-		
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	-		
Total Sulphate as SO_4	mg/kg	50	MCERTS	760	400	-		
Organic Matter	%	0.1	MCERTS	3.1	1.9	-		
Total Phenols								
Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	-		
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Fluoranthene	mg/kg	0.05	MCERTS	0.15	0.21	-		
Pyrene	mg/kg	0.05	MCERTS	0.16	0.23	-		
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.14	-		
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.18	-		
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.22	-		
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.15	-		
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.20	-		
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.15	-		
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-		
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.19	-		
Coronene	mg/kg	0.05	NONE	< 0.05	< 0.05	-		
Total PAH								
Total WAC-17 PAHs	mg/kg	0.85	NONE	< 0.9	1.7	-		
Heavy Metals / Metalloids								
Antimony (aqua regia extractable)	mg/kg	1	ISO 17025	< 1.0	< 1.0	-		
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	11	-		
Barium (aqua regia extractable)	mg/kg	1	MCERTS	81	71	-		
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.92	0.89	-		
Boron (water soluble)	mg/kg	0.2	MCERTS	2.9	1.6	-		
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-		
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	-		
Chromium (III)	mg/kg	1	NONE	44	27	-		
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	45	28	-		
Copper (aqua regia extractable)	mg/kg	1	MCERTS	20	34	-		
Lead (aqua regia extractable)	mg/kg	1	MCERTS	45	53	-		
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.6	< 0.3	-		
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	27	-		
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	-		
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	32	27	-		
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	78	76	-		

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Analytical Report Number: 17-45994

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Lab Sample Number				736254	736255	736256		
Sample Reference				TP3	TP4	TP4		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				1.00	0.20	1.00		
Date Sampled				18/04/2017	18/04/2017	18/04/2017		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	< 1.0	-		
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-		
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-		
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-		
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-		
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	-		

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-		
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-		
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-		
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	-		
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	-		
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	-		
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	-		
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	-		

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-		
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-		
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-		
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	-		
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	-		
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	-		
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	-		
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	-		

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Analytical Report Number : 17-45994

Project / Site name: Green Park Village - Phase 5 Asbestos Works

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
736249	TP1	None Supplied	0.20	Brown clay and gravel.
736250	TP1	None Supplied	1.00	Brown clay and gravel.
736251	TP2	None Supplied	0.20	Brown clay and gravel.
736252	TP2	None Supplied	1.00	-
736253	TP3	None Supplied	0.20	Brown clay and gravel.
736254	TP3	None Supplied	1.00	Brown clay and gravel.
736255	TP4	None Supplied	0.20	Brown clay and gravel.
736256	TP4	None Supplied	1.00	-

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Analytical Report Number : 17-45994

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
D.O. for Gravimetric Quant if Screen/ID positive	Dependent option for Gravimetric Quant if Screen/ID positive scheduled.	In house asbestos methods A001 & A006.	A006-PL	D	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	BS1377 Part 3, 1990, Chemical and Electrochemical Tests""	L009-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L099-PL	D	MCERTS
Speciated WAC-17 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L038-PL	D	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method	L076-PL	W	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

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Analytical Report Number : 17-45999

Project / Site name:	Green Park Village - Phase 5 Asbestos Works	**Samples received on:**	19/04/2017
Your job number:		**Samples instructed on:**	19/04/2017
Your order number:		**Analysis completed by:**	26/04/2017
Report Issue Number:	1	**Report issued on:**	26/04/2017
Samples Analysed:	6 10:1 WAC Samples		

Signed:

Dr Irma Doyle
Senior Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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Waste Acceptance Criteria Analytical Results

Report No:	**17-45999**						
					Client:	**WOOLDRIDGE**	
Location	**Green Park Village - Phase 5 Asbestos Works**						
Lab Reference (Sample Number)	736276 / 736277				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	18/04/2017				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	TP1						
Depth (m)	0.20						
Solid Waste Analysis							
TOC (%)**	-				3%	5%	6%
Loss on Ignition (%) **	7.5				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.9				100	--	--
pH (units)**	7.6				--	>6	--
Acid Neutralisation Capacity (mol / kg)	0.77				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:01	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0017			0.0132	0.5	2	25
Barium *	0.0178			0.142	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0010			0.0076	0.5	10	70
Copper *	0.027			0.21	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	0.0053			0.0425	0.5	10	30
Nickel *	0.0054			0.043	0.4	10	40
Lead *	0.0036			0.029	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	0.0056			0.044	0.1	0.5	7
Zinc *	0.0080			0.063	4	50	200
Chloride *	1.3			11	800	4000	25000
Fluoride	0.45			3.6	10	150	500
Sulphate *	44			350	1000	20000	50000
TDS	110			860	4000	60000	100000
Phenol Index (Monhydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	7.28			57.9	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	2.0						
Dry Matter (%)	85						
Moisture (%)	15						

Results are expressed on a dry weight basis, after correction for moisture content where applicable. *= UKAS accredited (liquid eluate analysis only)

Stated limits are for guidance only and i2 cannot be held responsible for any discrepencies with current legislation ** = MCERTS accrediited

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3.
This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.

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Waste Acceptance Criteria Analytical Results

Report No:	**17-45999**						
					Client:	**WOOLDRIDGE**	
Location	**Green Park Village - Phase 5 Asbestos Works**						
Lab Reference (Sample Number)	736278 / 736279				**Landfill Waste Acceptance Criteria**		
					Limits		
Sampling Date	18/04/2017				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	TP1						
Depth (m)	1.00						
Solid Waste Analysis							
TOC (%)**	-				3%	5%	6%
Loss on Ignition (%) **	7.7				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.9				100	--	--
pH (units)**	7.5				--	>6	--
Acid Neutralisation Capacity (mol / kg)	1.6				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:01	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0011			< 0.0110	0.5	2	25
Barium *	0.0143			0.107	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0011			0.0081	0.5	10	70
Copper *	0.013			0.097	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	0.0022			0.0168	0.5	10	30
Nickel *	0.0044			0.033	0.4	10	40
Lead *	0.0015			0.011	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	0.0061			0.046	0.1	0.5	7
Zinc *	0.0057			0.043	4	50	200
Chloride *	1.1			8.3	800	4000	25000
Fluoride	0.32			2.4	10	150	500
Sulphate *	42			320	1000	20000	50000
TDS	110			840	4000	60000	100000
Phenol Index (Monhydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	2.51			18.8	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	2.0						
Dry Matter (%)	82						
Moisture (%)	18						
Results are expressed on a dry weight basis, after correction for moisture content where applicable.					*= UKAS accredited (liquid eluate analysis only)		
Stated limits are for guidance only and i2 cannot be held responsible for any discrepencies with current legislation					** = MCERTS accrediited		

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3.
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Waste Acceptance Criteria Analytical Results

Report No:	**17-45999**						
					Client:	**WOOLDRIDGE**	
Location	**Green Park Village - Phase 5 Asbestos Works**						
Lab Reference (Sample Number)	736280 / 736281				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	18/04/2017				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	TP2						
Depth (m)	0.20						
Solid Waste Analysis							
TOC (%)**	-				3%	5%	6%
Loss on Ignition (%) **	8.0				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	18				500	--	--
Total PAH (WAC-17) (mg/kg)	2.1				100	--	--
pH (units)**	7.6				--	>6	--
Acid Neutralisation Capacity (mol / kg)	0.77				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:01	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0029			0.0213	0.5	2	25
Barium *	0.0169			0.125	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0020			0.015	0.5	10	70
Copper *	0.019			0.14	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	0.0020			0.0149	0.5	10	30
Nickel *	0.0058			0.043	0.4	10	40
Lead *	0.0044			0.033	0.5	10	50
Antimony *	0.0027			0.020	0.06	0.7	5
Selenium *	0.0055			0.041	0.1	0.5	7
Zinc *	0.0083			0.061	4	50	200
Chloride *	0.83			6.1	800	4000	25000
Fluoride	0.46			3.4	10	150	500
Sulphate *	18			130	1000	20000	50000
TDS	75			560	4000	60000	100000
Phenol Index (Monhydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	3.86			28.5	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	2.0						
Dry Matter (%)	84						
Moisture (%)	16						

Results are expressed on a dry weight basis, after correction for moisture content where applicable.
*= UKAS accredited (liquid eluate analysis only)
Stated limits are for guidance only and i2 cannot be held responsible for any discrepencies with current legislation
** = MCERTS accrediited

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Waste Acceptance Criteria Analytical Results

Report No:	**17-45999**						
					Client:	**WOOLDRIDGE**	
Location	**Green Park Village - Phase 5 Asbestos Works**						
Lab Reference (Sample Number)	736282 / 736283				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	18/04/2017				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	TP3						
Depth (m)	0.20						
Solid Waste Analysis							
TOC (%)**	-				3%	5%	6%
Loss on Ignition (%) **	6.2				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.9				100	--	--
pH (units)**	7.3				--	>6	--
Acid Neutralisation Capacity (mol / kg)	0.77				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:01	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0011			< 0.0110	0.5	2	25
Barium *	0.0197			0.166	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0034			0.029	0.5	10	70
Copper *	0.019			0.16	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	0.0034			0.0290	0.5	10	30
Nickel *	0.0045			0.038	0.4	10	40
Lead *	0.0048			0.041	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	0.0062			0.052	0.1	0.5	7
Zinc *	0.016			0.13	4	50	200
Chloride *	1.3			11	800	4000	25000
Fluoride	0.40			3.4	10	150	500
Sulphate *	19			160	1000	20000	50000
TDS	75			630	4000	60000	100000
Phenol Index (Monhydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	3.65			30.8	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	2.0						
Dry Matter (%)	84						
Moisture (%)	16						

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Waste Acceptance Criteria Analytical Results

Report No:	**17-45999**						
					Client:	**WOOLDRIDGE**	
Location	**Green Park Village - Phase 5 Asbestos Works**						
Lab Reference (Sample Number)	736284 / 736285				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	18/04/2017				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	TP3						
Depth (m)	1.00						
Solid Waste Analysis							
TOC (%)**	-				3%	5%	6%
Loss on Ignition (%) **	7.5				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.9				100	--	--
pH (units)**	7.5				--	>6	--
Acid Neutralisation Capacity (mol / kg)	1.5				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:01	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0011			< 0.0110	0.5	2	25
Barium *	0.0229			0.189	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0021			0.018	0.5	10	70
Copper *	0.020			0.16	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	0.0043			0.0355	0.5	10	30
Nickel *	0.0039			0.032	0.4	10	40
Lead *	0.0053			0.044	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	< 0.0040			< 0.040	0.1	0.5	7
Zinc *	0.011			0.093	4	50	200
Chloride *	0.69			5.7	800	4000	25000
Fluoride	0.43			3.5	10	150	500
Sulphate *	14			110	1000	20000	50000
TDS	79			650	4000	60000	100000
Phenol Index (Monhydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	4.34			35.8	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	2.0						
Dry Matter (%)	87						
Moisture (%)	13						

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Waste Acceptance Criteria Analytical Results

Report No:	**17-45999**						
					Client:	**WOOLDRIDGE**	
Location	**Green Park Village - Phase 5 Asbestos Works**						
Lab Reference (Sample Number)	736286 / 736287				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	18/04/2017				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	TP4						
Depth (m)	0.20						
Solid Waste Analysis							
TOC (%)**	-				3%	5%	6%
Loss on Ignition (%) **	4.5				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.9				100	--	--
pH (units)**	7.5				--	>6	--
Acid Neutralisation Capacity (mol / kg)	1.5				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:01	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0043			0.0309	0.5	2	25
Barium *	0.0193			0.138	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0022			0.016	0.5	10	70
Copper *	0.021			0.15	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	0.0059			0.0424	0.5	10	30
Nickel *	0.0053			0.038	0.4	10	40
Lead *	0.0086			0.061	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	< 0.0040			< 0.040	0.1	0.5	7
Zinc *	0.011			0.078	4	50	200
Chloride *	0.42			3.0	800	4000	25000
Fluoride	0.55			3.9	10	150	500
Sulphate *	3.4			24	1000	20000	50000
TDS	65			470	4000	60000	100000
Phenol Index (Monhydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	3.27			23.3	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	2.0						
Dry Matter (%)	90						
Moisture (%)	10						

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Analytical Report Number : 17-45999

Project / Site name: Green Park Village - Phase 5 Asbestos Works

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
736276	TP1	None Supplied	0.20	Brown clay and gravel.
736278	TP1	None Supplied	1.00	Brown clay and gravel.
736280	TP2	None Supplied	0.20	Brown clay and gravel.
736282	TP3	None Supplied	0.20	Brown clay and gravel.
736284	TP3	None Supplied	1.00	Brown clay and gravel.
736286	TP4	None Supplied	0.20	Brown clay and gravel.

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Analytical Report Number : 17-45999

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Acid neutralisation capacity of soil	Determination of acid neutralisation capacity by addition of acid or alkali followed by electronic probe.	In-house method based on Guidance an Sampling and Testing of Wastes to Meet Landfill Waste Acceptance""	L046-UK	W	NONE
BS EN 12457-2 (10:1) Leachate Prep	10:1 (as recieved, moisture adjusted) end over end extraction with water for 24 hours. Eluate filtered prior to analysis.	In-house method based on BSEN12457-2.	L043-PL	W	NONE
BTEX in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Chloride 10:1 WAC	Determination of Chloride colorimetrically by discrete analyser.	In house based on MEWAM Method ISBN 0117516260.	L082-PL	W	ISO 17025
Dissolved organic carbon 10:1 WAC	Determination of dissolved inorganic carbon in leachate by TOC/DOC NDIR Analyser.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L037-PL	W	NONE
Fluoride 10:1 WAC	Determination of fluoride in leachate by 1:1ratio with a buffer solution followed by Ion Selective Electrode.	In-house method based on Use of Total Ionic Strength Adjustment Buffer for Electrode Determination"	L033-PL	W	NONE
Loss on ignition of soil @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L047-PL	D	MCERTS
Metals in leachate by ICP-OES	Determination of metals in leachate by acidification followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil""	L039-PL	W	ISO 17025
Mineral Oil (Soil) C10 - C40	Determination of mineral oil fraction extractable hydrocarbons in soil by GC-MS/GC-FID.	in-house method	L076-PL	D	NONE
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Monohydric phenols 10:1 WAC	Determination of phenols in leachate by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	ISO 17025
PCB's By GC-MS in soil	Determination of PCB by extraction with acetone and hexane followed by GC-MS.	In-house method based on USEPA 8082	L027-PL	D	MCERTS
pH in soil	Determination of pH in soil by addition of water followed by electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L005-PL	W	MCERTS
Speciated WAC-17 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate 10:1 WAC	Determination of sulphate in leachate by ICP-OES	In-house method based on MEWAM 1986 Methods for the Determination of Metals in Soil""	L039-PL	W	ISO 17025
Total dissolved solids 10:1 WAC	Determination of total dissolved solids in water by electrometric measurement.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L004-PL	W	NONE
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests""	L009-PL	D	MCERTS

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Analytical Report Number : 17-45999

Project / Site name: Green Park Village - Phase 5 Asbestos Works

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

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